

# **ooRexx: Nutshell Examples for MS Word**

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Allgemein

# Allgemein

- **Rexx**
  - “REstructured eXtended eXecutor”
  - 1979
  - von Mike Cowlishaw (IBM)
  - Nützliche Features
    - Befehle basierend auf Englisch
    - Weniger Regeln
- **Open Object Rexx**
  - Open-source Version von Object Rexx
  - Veröffentlicht durch RexxLa
  - Neue Features:
    - Objekt-orientiert
    - Einfache Anwendung
    - Nutzung verschiedener Umgebungen
    - Weiterhin Nutzung von Rexx Programmen möglich
  - ooRexx 5.0
    - Leichteres Handling von Arrays & Metadaten

# Basis Anwendungen

# MS Word öffnen & einen Text hinzufügen

**OleObject** = Proxy-Klasse  
→ Ermöglicht Interaktion mit  
Windows-COM/OLE-  
Programmen

```
1  /*open MS Word*/
2  word= .oleobject~new("Word.Application")
3  word~visible=.true
4  word~width=.true
5  word~height=.true
6
7  /*create new document*/
8  NewDocument= word~Documents~add
9
10 /*create text*/
11 SelectionObj=Word~Selection
12 SelectionObj~TypeText("This is an arbitrary text")
13
```

Document1 - Word

Search (Alt+Q)

The screenshot shows the Microsoft Word ribbon interface. The 'Home' tab is currently selected, displaying its specific ribbon bar with icons for font styles (A<sup>1</sup>, A<sup>2</sup>, Aa, A<sup>3</sup>), font sizes (x<sup>2</sup>, A), font color (yellow), font size (red), and paragraph alignment (left, center, right, justify). Below the ribbon is the standard Windows-style menu bar with options like File, Edit, View, Insert, Page Layout, References, Mailings, Review, View, and Help.

This is an arbitrary text

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2  word= .oleobject~new("Word.Application")
3  word~visible=.true
4  word~width=.true
5  word~height=.true
6
7  /*create new document*/
8  NewDocument= word~Documents~add
9
10 /*create text*/
11 SelectionObj=Word~Selection
12 SelectionObj~TypeText("This is an arbitrary text")
13
14 SelectionObj~TypeParagraph
15
16 /*edit text*/
17 EditText=SelectionObj~Font
18 EditText~Name="Papyrus"
19 EditText~size="20"
20 EditText~bold=.true
21 EditText~underline=.true
22 EditText~colorindex= 9
23 SelectionObj~TypeText("This text is edited")
```

AutoSave (● Off) H ⌛ ⌚ ▾ Document1 - Word Search (Alt+Q)

File Home Insert Draw Design Layout References Mailings Review View Help EndNote 20

Papyrus 20 A<sup>▲</sup> A<sup>▼</sup> | Aa<sup>▼</sup> | A<sup>❖</sup> | <sup>1</sup><sub>2</sub><sub>3</sub><sub>4</sub><sub>5</sub><sub>6</sub><sub>7</sub><sub>8</sub><sub>9</sub><sub>10</sub><sub>11</sub><sub>12</sub><sub>13</sub><sub>14</sub><sub>15</sub><sub>16</sub><sub>17</sub><sub>18</sub><sub>19</sub><sub>20</sub><sub>21</sub><sub>22</sub><sub>23</sub><sub>24</sub><sub>25</sub><sub>26</sub><sub>27</sub><sub>28</sub><sub>29</sub><sub>30</sub><sub>31</sub><sub>32</sub><sub>33</sub><sub>34</sub><sub>35</sub><sub>36</sub><sub>37</sub><sub>38</sub><sub>39</sub><sub>40</sub><sub>41</sub><sub>42</sub><sub>43</sub><sub>44</sub><sub>45</sub><sub>46</sub><sub>47</sub><sub>48</sub><sub>49</sub><sub>50</sub><sub>51</sub><sub>52</sub><sub>53</sub><sub>54</sub><sub>55</sub><sub>56</sub><sub>57</sub><sub>58</sub><sub>59</sub><sub>60</sub><sub>61</sub><sub>62</sub><sub>63</sub><sub>64</sub><sub>65</sub><sub>66</sub><sub>67</sub><sub>68</sub><sub>69</sub><sub>70</sub><sub>71</sub><sub>72</sub><sub>73</sub><sub>74</sub><sub>75</sub><sub>76</sub><sub>77</sub><sub>78</sub><sub>79</sub><sub>80</sub><sub>81</sub><sub>82</sub><sub>83</sub><sub>84</sub><sub>85</sub><sub>86</sub><sub>87</sub><sub>88</sub><sub>89</sub><sub>90</sub><sub>91</sub><sub>92</sub><sub>93</sub><sub>94</sub><sub>95</sub><sub>96</sub><sub>97</sub><sub>98</sub><sub>99</sub><sub>100</sub><sub>101</sub><sub>102</sub><sub>103</sub><sub>104</sub><sub>105</sub><sub>106</sub><sub>107</sub><sub>108</sub><sub>109</sub><sub>110</sub><sub>111</sub><sub>112</sub><sub>113</sub><sub>114</sub><sub>115</sub><sub>116</sub><sub>117</sub><sub>118</sub><sub>119</sub><sub>120</sub><sub>121</sub><sub>122</sub><sub>123</sub><sub>124</sub><sub>125</sub><sub>126</sub><sub>127</sub><sub>128</sub><sub>129</sub><sub>130</sub><sub>131</sub><sub>132</sub><sub>133</sub><sub>134</sub><sub>135</sub><sub>136</sub><sub>137</sub><sub>138</sub><sub>139</sub><sub>140</sub><sub>141</sub><sub>142</sub><sub>143</sub><sub>144</sub><sub>145</sub><sub>146</sub><sub>147</sub><sub>148</sub><sub>149</sub><sub>150</sub><sub>151</sub><sub>152</sub><sub>153</sub><sub>154</sub><sub>155</sub><sub>156</sub><sub>157</sub><sub>158</sub><sub>159</sub><sub>160</sub><sub>161</sub><sub>162</sub><sub>163</sub><sub>164</sub><sub>165</sub><sub>166</sub><sub>167</sub><sub>168</sub><sub>169</sub><sub>170</sub><sub>171</sub><sub>172</sub><sub>173</sub><sub>174</sub><sub>175</sub><sub>176</sub><sub>177</sub><sub>178</sub><sub>179</sub><sub>180</sub><sub>181</sub><sub>182</sub><sub>183</sub><sub>184</sub><sub>185</sub><sub>186</sub><sub>187</sub><sub>188</sub><sub>189</sub><sub>190</sub><sub>191</sub><sub>192</sub><sub>193</sub><sub>194</sub><sub>195</sub><sub>196</sub><sub>197</sub><sub>198</sub><sub>199</sub><sub>200</sub><sub>201</sub><sub>202</sub><sub>203</sub><sub>204</sub><sub>205</sub><sub>206</sub><sub>207</sub><sub>208</sub><sub>209</sub><sub>210</sub><sub>211</sub><sub>212</sub><sub>213</sub><sub>214</sub><sub>215</sub><sub>216</sub><sub>217</sub><sub>218</sub><sub>219</sub><sub>220</sub><sub>221</sub><sub>222</sub><sub>223</sub><sub>224</sub><sub>225</sub><sub>226</sub><sub>227</sub><sub>228</sub><sub>229</sub><sub>230</sub><sub>231</sub><sub>232</sub><sub>233</sub><sub>234</sub><sub>235</sub><sub>236</sub><sub>237</sub><sub>238</sub><sub>239</sub><sub>240</sub><sub>241</sub><sub>242</sub><sub>243</sub><sub>244</sub><sub>245</sub><sub>246</sub><sub>247</sub><sub>248</sub><sub>249</sub><sub>250</sub><sub>251</sub><sub>252</sub><sub>253</sub><sub>254</sub><sub>255</sub><sub>256</sub><sub>257</sub><sub>258</sub><sub>259</sub><sub>260</sub><sub>261</sub><sub>262</sub><sub>263</sub><sub>264</sub><sub>265</sub><sub>266</sub><sub>267</sub><sub>268</sub><sub>269</sub><sub>270</sub><sub>271</sub><sub>272</sub><sub>273</sub><sub>274</sub><sub>275</sub><sub>276</sub><sub>277</sub><sub>278</sub><sub>279</sub><sub>280</sub><sub>281</sub><sub>282</sub><sub>283</sub><sub>284</sub><sub>285</sub><sub>286</sub><sub>287</sub><sub>288</sub><sub>289</sub><sub>290</sub><sub>291</sub><sub>292</sub><sub>293</sub><sub>294</sub><sub>295</sub><sub>296</sub><sub>297</sub><sub>298</sub><sub>299</sub><sub>300</sub><sub>301</sub><sub>302</sub><sub>303</sub><sub>304</sub><sub>305</sub><sub>306</sub><sub>307</sub><sub>308</sub><sub>309</sub><sub>310</sub><sub>311</sub><sub>312</sub><sub>313</sub><sub>314</sub><sub>315</sub><sub>316</sub><sub>317</sub><sub>318</sub><sub>319</sub><sub>320</sub><sub>321</sub><sub>322</sub><sub>323</sub><sub>324</sub><sub>325</sub><sub>326</sub><sub>327</sub><sub>328</sub><sub>329</sub><sub>330</sub><sub>331</sub><sub>332</sub><sub>333</sub><sub>334</sub><sub>335</sub><sub>336</sub><sub>337</sub><sub>338</sub><sub>339</sub><sub>340</sub><sub>341</sub><sub>342</sub><sub>343</sub><sub>344</sub><sub>345</sub><sub>346</sub><sub>347</sub><sub>348</sub><sub>349</sub><sub>350</sub><sub>351</sub><sub>352</sub><sub>353</sub><sub>354</sub><sub>355</sub><sub>356</sub><sub>357</sub><sub>358</sub><sub>359</sub><sub>360</sub><sub>361</sub><sub>362</sub><sub>363</sub><sub>364</sub><sub>365</su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<sub>723</sub><sub>724</sub><sub>725</sub><sub>726</sub><sub>727</sub><sub>728</sub><sub>729</sub><sub>730</sub><sub>731</sub><sub>732</sub><sub>733</sub><sub>734</sub><sub>735</sub><sub>736</sub><sub>737</sub><sub>738</sub><sub>739</sub><sub>740</sub><sub>741</sub><sub>742</sub><sub>743</sub><sub>744</sub><sub>745</sub><sub>746</sub><sub>747</sub><sub>748</sub><sub>749</sub><sub>750</sub><sub>751</sub><sub>752</sub><sub>753</sub><sub>754</sub><sub>755</sub><sub>756</sub><sub>757</sub><sub>758</sub><sub>759</sub><sub>760</sub><sub>761</sub><sub>762</sub><sub>763</sub><sub>764</sub><sub>765</sub><sub>766</sub><sub>767</sub><sub>768</sub><sub>769</sub><sub>770</sub><sub>771</sub><sub>772</sub><sub>773</sub><sub>774</sub><sub>775</sub><sub>776</sub><sub>777</sub><sub>778</sub><sub>779</sub><sub>780</sub><sub>781</sub><sub>782</sub><sub>783</sub><sub>784</sub><sub>785</sub><sub>786</sub><sub>787</sub><sub>788</sub><sub>789</sub><sub>790</sub><sub>791</sub><sub>792</sub><sub>793</sub><sub>794</sub><sub>795</sub><sub>796</sub><sub>797</sub><sub>798</sub><sub>799</sub><sub>800</sub><sub>801</sub><sub>802</sub><sub>803</sub><sub>804</sub><sub>805</sub><sub>806</sub><sub>807</sub><sub>808</sub><sub>809</sub><sub>8010</sub><sub>8011</sub><sub>8012</sub><sub>8013</sub><sub>8014</sub><sub>8015</sub><sub>8016</sub><sub>8017</sub><sub>8018</sub><sub>8019</sub><sub>8020</sub><sub>8021</sub><sub>8022</sub><sub>8023</sub><sub>8024</sub><sub>8025</sub><sub>8026</sub><sub>8027</sub><sub>8028</sub><sub>8029</sub><sub>8030</sub><sub>8031</sub><sub>8032</sub><sub>8033</sub><sub>8034</sub><sub>8035</sub><sub>8036</sub><sub>8037</sub><sub>8038</sub><sub>8039</sub><sub>8040</sub><sub>8041</sub><sub>8042</sub><sub>8043</sub><sub>8044</sub><sub>8045</sub><sub>8046</sub><sub>8047</sub><sub>8048</sub><sub>8049</sub><sub>8050</sub><sub>8051</sub><sub>8052</sub><sub>8053</sub><sub>8054</sub><sub>8055</sub><sub>8056</sub><sub>8057</sub><sub>8058</sub><sub>8059</sub><sub>8060</sub><sub>8061</sub><sub>8062</sub><sub>8063</sub><sub>8064</sub><sub>8065</sub><sub>8066</sub><sub>8067</sub><sub>8068</sub><sub>8069</sub><sub>8070</sub><sub>8071</sub><sub>8072</sub><sub>8073</sub><sub>8074</sub><sub>8075</sub><sub>8076</sub><sub>8077</sub><sub>8078</sub><sub>8079</sub><sub>8080</sub><sub>8081</sub><sub>8082</sub><sub>8083</sub><sub>8084</sub><sub>8085</sub><sub>8086</sub><sub>8087</sub><sub>8088</sub><sub>8089</sub><sub>8090</sub><sub>8091</sub><sub>8092</sub><sub>8093</sub><sub>8094</sub><sub>8095</sub><sub>8096</sub><sub>8097</sub><sub>8098</sub><sub>8099</sub><sub>80100</sub><sub>80101</sub><sub>80102</sub><sub>80103</sub><sub>80104</sub><sub>80105</sub><sub>80106</sub><sub>80107</sub><sub>80108</sub><sub>80109</sub><sub>80110</sub><sub>80111</sub><sub>80112</sub><sub>80113</sub><sub>80114</sub><sub>80115</sub><sub>80116</sub><sub>80117</sub><sub>80118</sub><sub>80119</sub><sub>80120</sub><sub>80121</sub><sub>80122</sub><sub>80123</sub><sub>80124</sub><sub>80125</sub><sub>80126</sub><sub>80127</sub><sub>80128</sub><sub>80129</sub><sub>80130</sub><sub>80131</sub><sub>80132</sub><sub>80133</sub><sub>80134</sub><sub>80135</sub><sub>80136</sub><sub>80137</sub><sub>80138</sub><sub>80139</sub><sub>80140</sub><sub>80141</sub><sub>80142</sub><sub>80143</sub><sub>80144</sub><sub>80145</sub><sub>80146</sub><sub>80147</sub><sub>80148</sub><sub>80149</sub><sub>80150</sub><sub>80151</sub><sub>80152</sub><sub>80153</sub><sub>80154</sub><sub>80155</sub><sub>80156</sub><sub>80157</sub><sub>80158</sub><sub>80159</sub><sub>80160</sub><sub>80161</sub><sub>80162</sub><sub>80163</sub><sub>80164</sub><sub>80165</sub><sub>80166</sub><sub>80167</sub><sub>80168</sub><sub>80169</sub><sub>80170</sub><sub>80171</sub><sub>80172</sub><sub>80173</sub><sub>80174</sub><sub>80175</sub><sub>80176</sub><sub>80177</sub><sub>80178</sub><sub>80179</sub><sub>80180</sub><sub>80181</sub><sub>80182</sub><sub>80183</sub><sub>80184</sub><sub>80185</sub><sub>80186</sub><sub>80187</sub><sub>80188</sub><sub>80189</sub><sub>80190</sub><sub>80191</sub><sub>80192</sub><sub>80193</sub><sub>80194</sub><sub>80195</sub><sub>80196</sub><sub>80197</sub><sub>80198</sub><sub>80199</sub><sub>80200</sub><sub>80201</sub><sub>80202</sub><sub>80203</sub><sub>80204</sub><sub>80205</sub><sub>80206</sub><sub>80207</sub><sub>80208</sub><sub>80209</sub><sub>80210</sub><sub>80211</sub><sub>80212</sub><sub>80213</sub><sub>80214</sub><sub>80215</sub><sub>80216</sub><sub>80217</sub><sub>80218</sub><sub>80219</sub><sub>80220</sub><sub>80221</sub><sub>80222</sub><sub>80223</sub><sub>80224</sub><sub>80225</sub><sub>80226</sub><sub>80227</sub><sub>80228</sub><sub>80229</sub><sub>80230</sub><sub>80231</sub><sub>80232</sub><sub>80233</sub><sub>80234</sub><sub>80235</sub><sub>80236</sub><sub>80237</sub><sub>80238</sub><sub>80239</sub><sub>80240</sub><sub>80241</sub><sub>80242</sub><sub>80243</sub><sub>80244</sub><sub>80245</sub><sub>80246</sub><sub>80247</sub><sub>80248</sub><sub>80249</sub><sub>80250</sub><sub>80251</sub><sub>80252</sub><sub>80253</sub><sub>80254</sub><sub>80255</sub><sub>80256</sub><sub>80257</sub><sub>80258</sub><sub>80259</sub><sub>80260</sub><sub>80261</sub><sub>80262</sub><sub>80263</sub><sub>80264</sub><sub>80265</sub><sub>80266</sub><sub>80267</sub><sub>80268</sub><sub>80269</sub><sub>80270</sub><sub>80271</sub><sub>80272</sub><sub>80273</sub><sub>80274</sub><sub>80275</sub><sub>80276</sub><sub>80277</sub><sub>80278</sub><sub>80279</sub><sub>80280</sub><sub>80281</sub><sub>80282</sub><sub>80283</sub><sub>80284</sub><sub>80285</sub><sub>80286</sub><sub>80287</sub><sub>80288</sub><sub>80289</sub><sub>80290</sub><sub>80291</sub><sub>80292</sub><sub>80293</sub><sub>80294</sub><sub>80295</sub><sub>80296</sub><sub>80297</sub><sub>80298</sub><sub>80299</sub><sub>80300</sub><sub>80301</sub><sub>80302</sub><sub>80303</sub><sub>80304</sub><sub>80305</sub><sub>80306</sub><sub>80307</sub><sub>80308</sub><sub>80309</sub><sub>80310</sub><sub>80311</sub><sub>80312</sub><sub>80313</sub><sub>80314</sub><sub>80315</sub><sub>80316</sub><sub>80317</sub><sub>80318</sub><sub>80319</sub><sub>80320</sub><sub>80321</sub><sub>80322</sub><sub>80323</sub><sub>80324</sub><sub>80325</sub><sub>80326</sub><sub>80327</sub><sub>80328</sub><sub>80329</sub><sub>80330</sub><sub>80331</sub><sub>80332</sub><sub>80333</sub><sub>80334</sub><sub>80335</sub><sub>80336</sub><sub>80337</sub><sub>80338</sub><sub>80339</sub><sub>80340</sub><sub>80341</sub><sub>80342</sub><sub>80343</sub><sub>80344</sub><sub>80345</sub><sub>80346</sub><sub>80347</sub><sub>80348</sub><sub>80349</sub><sub>80350</sub><sub>80351</sub><sub>80352</sub><sub>80353</sub><sub>80354</sub><sub>80355</sub><sub>80356</sub><sub>80357</sub><sub>80358</sub><sub>80359</sub><sub>80360</sub><sub>80361</sub><sub>80362</sub><sub>80363</sub><sub>80364</sub><sub>80365</sub><sub>80366</sub><sub>80367</sub><sub>80368</sub><sub>80369</sub><sub>80370</sub><sub>80371</sub><sub>80372</sub><sub>80373</sub><sub>80374</sub><sub>80375</sub><sub>80376</sub><sub>80377</sub><sub>80378</sub><sub>80379</sub><sub>80380</sub><sub>80381</sub><sub>80382</sub><sub>80383</sub><sub>80384</sub><sub>80385</sub><sub>80386</sub><sub>80387</sub><sub>80388</sub><sub>80389</sub><sub>80390</sub><sub>80391</sub><sub>80392</sub><sub>80393</sub><sub>80394</sub><sub>80395</sub><sub>80396</sub><sub>80397</sub><sub>80398</sub><sub>80399</sub><sub>80400</sub><sub>80401</sub><sub>80402</sub><sub>80403</sub><sub>80404</sub><sub>80405</sub><sub>80406</sub><sub>80407</sub><sub>80408</sub><sub>80409</sub><sub>80410</sub><sub>80411</sub><sub>80412</sub><sub>80413</sub><sub>80414</sub><sub>80415</sub><sub>80416</sub><sub>80417</sub><sub>80418</sub><sub>80419</sub><sub>80420</sub><sub>80421</sub><sub>80422</sub><sub>80423</sub><sub>80424</sub><sub>80425</sub><sub>80426</sub><sub>80427</sub><sub>80428</sub><sub>80429</sub><sub>80430</sub><sub>80431</sub><sub>80432</sub><sub>80433</sub><sub>80434</sub><sub>80435</sub><sub>80436</sub><sub>80437</sub><sub>80438</sub><sub>80439</sub><sub>80440</sub><sub>80441</sub><sub>80442</sub><sub>80443</sub><sub>80444</sub><sub>80445</sub><sub>80446</sub><sub>80447</sub><sub>80448</sub><sub>80449</sub><sub>80450</sub><sub>80451</sub><sub>80452</sub><sub>80453</sub><sub>80454</sub><sub>80455</sub><sub>80456</sub><sub>80457</sub><sub>80458</sub><sub>80459</sub><sub>80460</sub><sub>80461</sub><sub>80462</sub><sub>80463</sub><sub>80464</sub><sub>80465</sub><sub>80466</sub><sub>80467</sub><sub>80468</sub><sub>80469</sub><sub>80470</sub><sub>80471</sub><sub>80472</sub><sub>80473</sub><sub>80474</sub><sub>80475</sub><sub>80476</sub><sub>80477</sub><sub>80478</sub><sub>80479</sub><sub>8048</sub>

# Überschriften erstellen

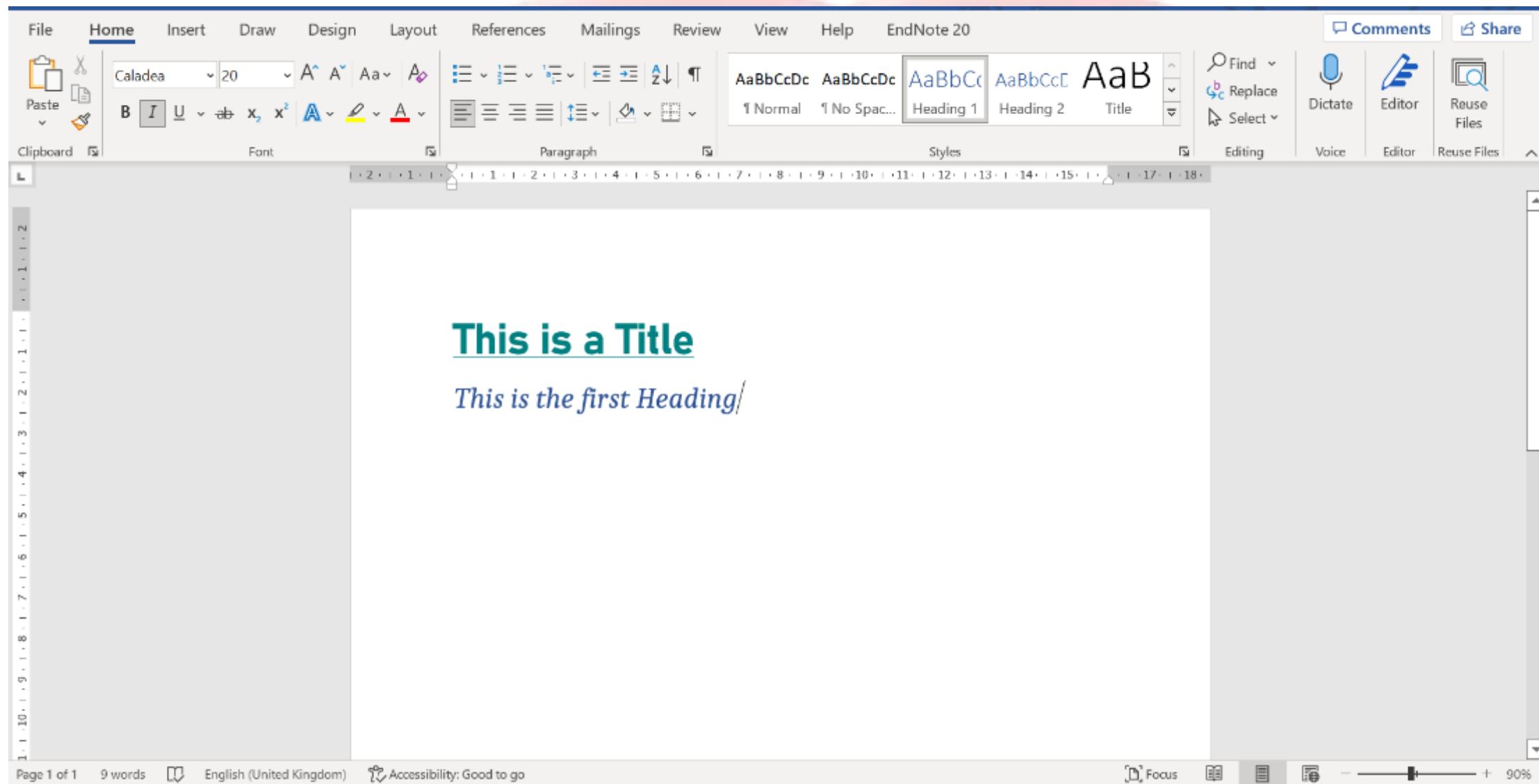
```
1 word=.oleobject~New("Word.Application")
2 word~visible=.true
3
4 NewDocument=word~Documents~add
5
6 /*Get style of the title*/
7 SelectionObj=word~selection
8 SelectionObj~Style="Title"
9 SelectionObj~TypeText("This is a Title")
10 SelectionObj~TypeParagraph
11
12 /*Get style of the first heading*/
13 SelectionObj~Style="Heading 1"
14 SelectionObj~TypeText("This is the first Heading")
15
```

This is a Title

This is the first Heading

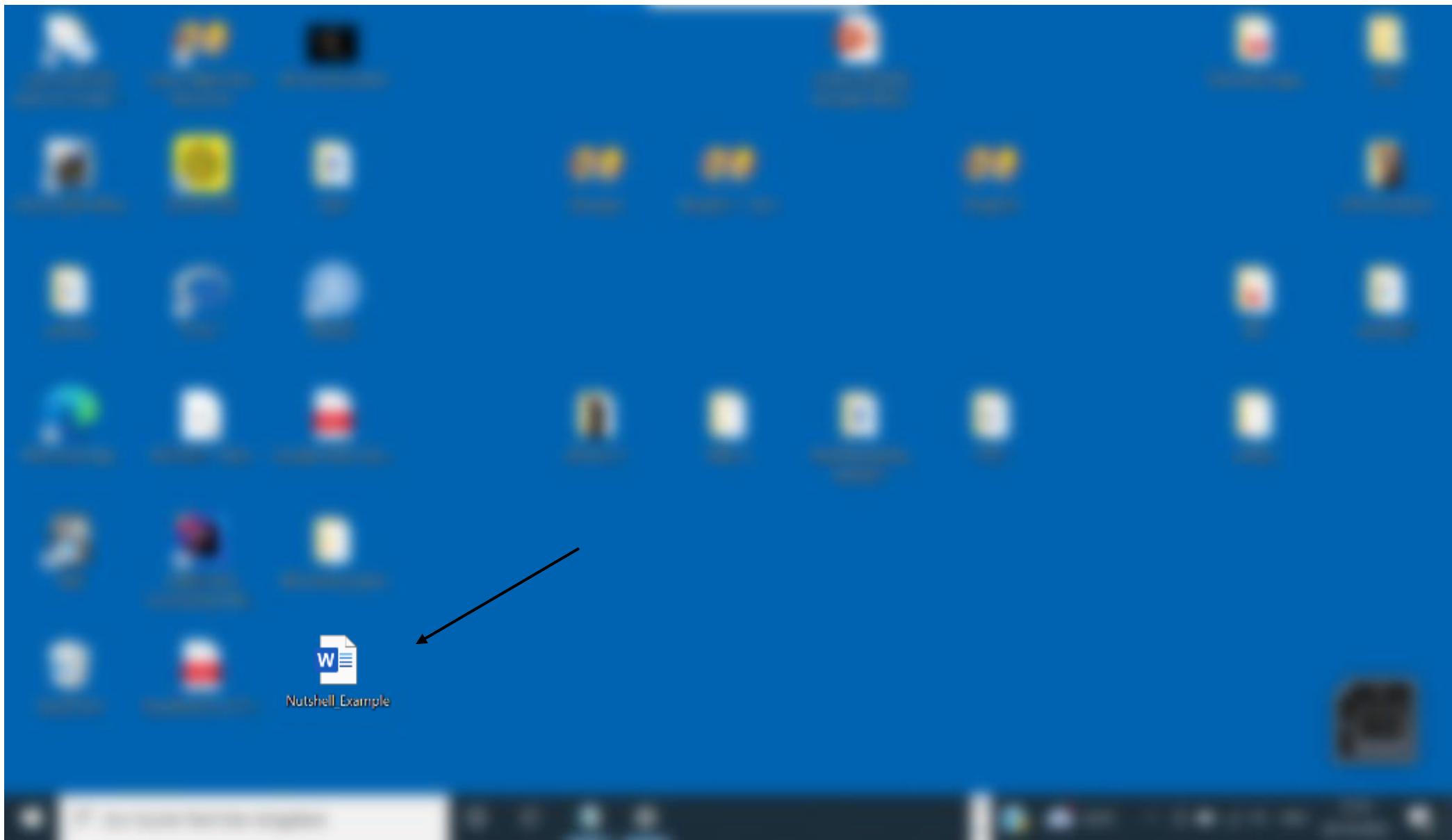
# Überschriften erstellen

```
16  /*Adapt each style*/
17  /*count the sentences*/
18 CountSentences=newDocument~Sentences~Count
19 Font=SelectionObj~Font
20 do SentenceNumber= 1 to CountSentences
21
22 /*change each style*/
23 newDocument~Sentences (SentenceNumber)~Select
24 StyleName=SelectionObj~Style~NameLocal
25 Select case StyleName
26   when "Title" then do
27     Font~Name="Bahnschrift"
28     Font~Size="30"
29     Font~Colorindex= "10"
30     Font~bold=.true
31     Font~underline=.true
32   end
33   when "Heading 1" then do
34     Font~Name="caladea"
35     Font~Size="20"
36     Font~italic=.true
37   end
38   otherwise NOP
39 end
40 end
```



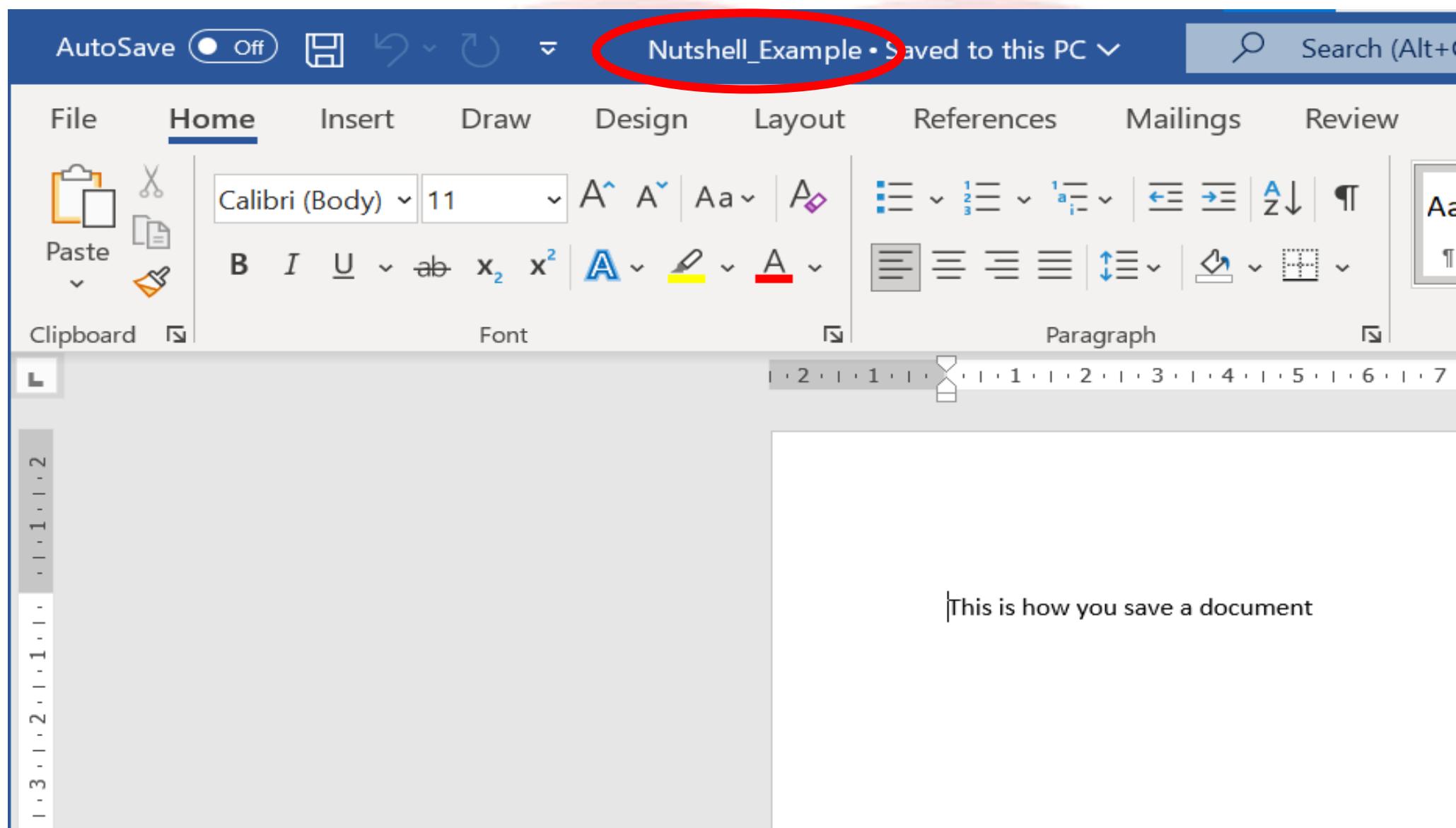
# Dokument speichern

```
1  /*Choose location to save document*/
2  Dir = Value("UserProfile",, ENVIRONMENT)
3  FileName= Dir || "\Desktop\" || "Nutshell_Example"
4
5  /*save document*/
6  NewDocument~SaveAs(FileName)
7  Word~Quit
8
```



# Dokument öffnen

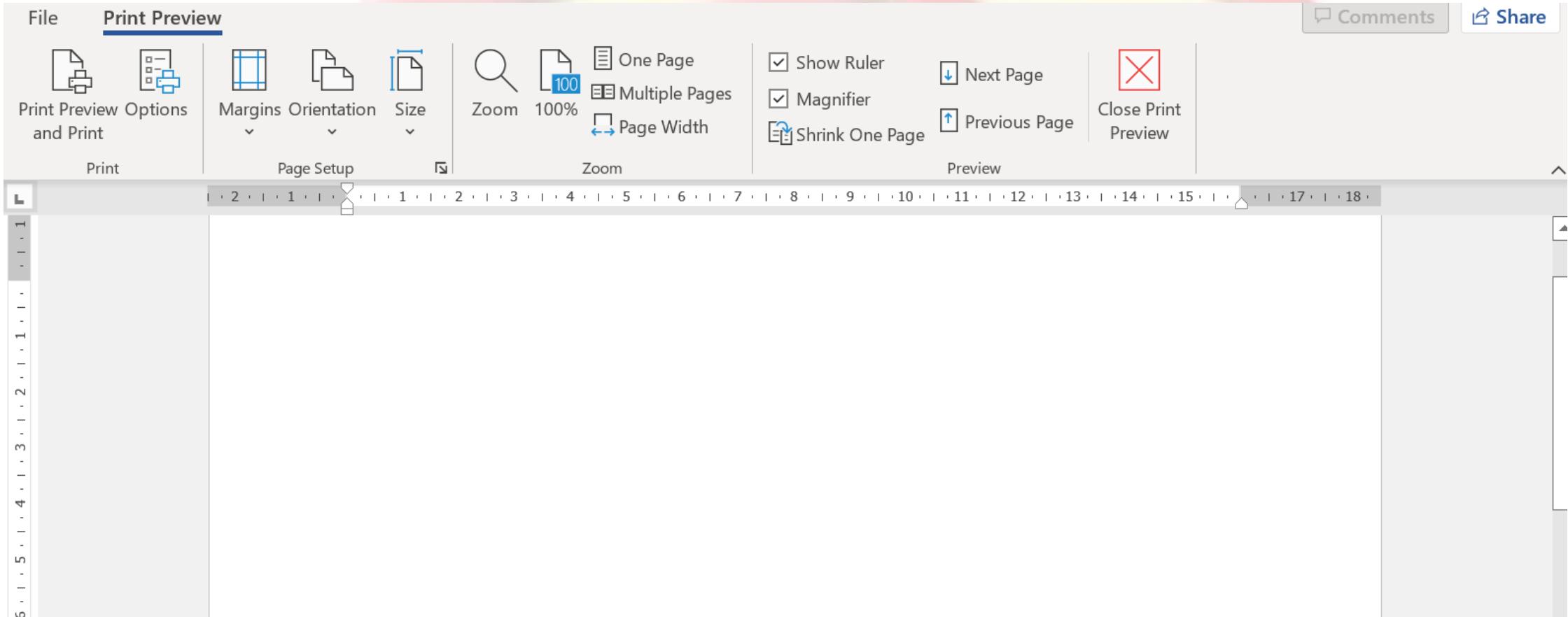
```
1  /*open MS Word*/
2  word=.oleobject~new("Word.Application")
3  word~visible=.true
4
5  /*reopen a document*/
6  Dir= Value("UserProfile",,ENVIRONMENT)
7  FileName= Dir || "\Desktop\" || "Nutshell_Example.docx"
8  OldDocument=word~Documents
9  OldDocument~Open(FileName)
10
```



# Druck- vorschau öffnen

**ActiveDocument**  
→ volle Kontrolle  
→ Interface der  
Anwendung nutzbar &  
editierbar

```
7 NewDocument=word~Documents~add
8
9 ActiveDocument = Word~ActiveDocument
10 ActiveDocument~PrintPreview
11 ActiveWindow = Word~ActiveWindow
12 ActiveWindow~ActivePane~View~Zoom~Percentage = "100"
13 Call Syssleep 2
14 ActiveDocument~ClosePrintPreview
```



# **Spezielle Anwendungen**

# Tabelle erstellen

```
1 word=.oleobject~new("Word.Application")
2 word~visible=.true
3 NewDocument=Word~Documents~Add
4
5 SelectionObj=word~Selection
6 /*get an active document object */
7 ActiveDoc= word~ActiveDocument
8 /*create a table*/
9 ActiveDoc~Tables~Add(SelectionObj~Range, 4 , 3)
```

# Tabelle erstellen - 3 Optionen

```
11  /* fill in table*/
12  /* first option*/
13  SelectionObj~Tables(1)
14  SelectionObj~TypeText("Year")
15  SelectionObj~MoveRight
16  SelectionObj~TypeText("First Semester")
17  SelectionObj~MoveRight
18  SelectionObj~TypeText("Second Semester")
19
20  SelectionObj~MoveRight
21
22  /*second option*/
23  do i=2020 to 2022
24      SelectionObj~TypeText(i)
25      SelectionObj~MoveRight
26      do 2
27          SelectionObj~TypeText(random(30))
28          SelectionObj~MoveRight
29      end
30  end
31
32  /* third option*/
33  ActiveTable=ActiveDoc~Tables(1)
34  ActiveTable~Cell(1,1)~Range~Text="YEAR"
35
```

YEAR	First Semester	Second Semester
2020	22	26
2021	4	4
2022	15	19

# Tabelle bearbeiten

```
35 /*edit borders*/
36 ActiveTable=ActiveDoc~Tables(1)
37 ActiveTable~Borders~InsideLineStyle=.true
38 ActiveTable~Borders~OutsideLineStyle=.true
39
40 /*change background color*/
41 EditTable=SelectionObj~Tables(1)
42 EditTable~Shading~BackgroundPatternColorIndex="10"
43
44 /*change background color of cell*/
45 do i=1 to 4
46     EditTable~Cell(i,1)~Shading~BackgroundPatternColorIndex="8"
47 end
48
49 /*adapt space between cells*/
50 ActiveTable~Spacing="5"
```

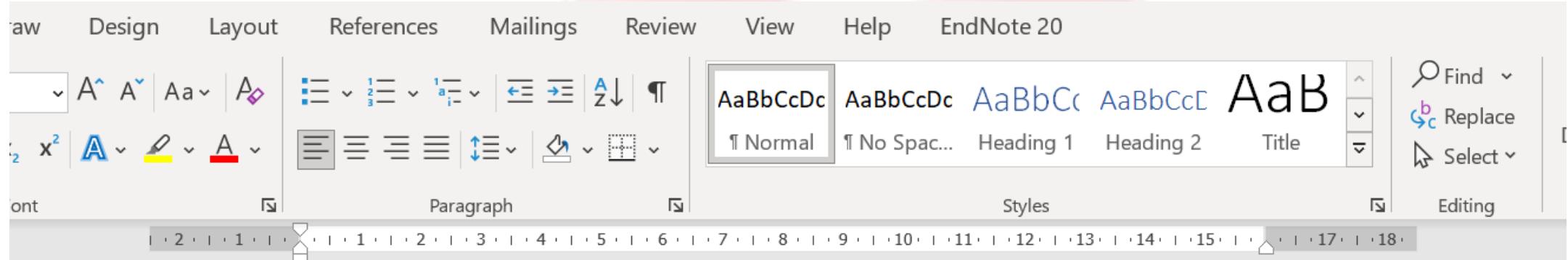
# Tabelle bearbeiten

```
52 /*change font size and style*/
53 do i=1 to 3
54 ActiveTable~Cell(1,i)~Range~Font~Size="16"
55 ActiveTable~Cell(1,i)~Range~Font~Name="Arial Bold"
56 end
57
58 /*change font color*/
59 do i=2 to 3
60     do n=1 to 4
61         ActiveTable~Cell(n,i)~Range~Font~Colorindex="8"
62     end
63 end
```

YEAR	First Semester	Second Semester
2020	0	29
2021	24	25
2022	9	17

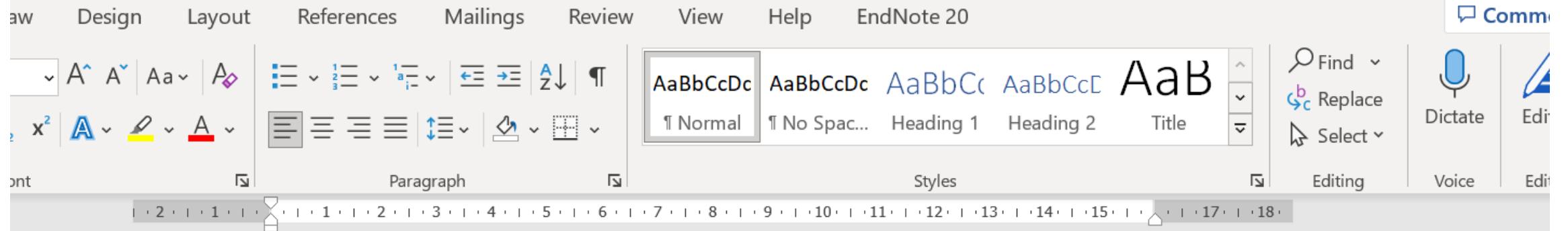
# Bild einfügen

```
1 word= .oleobject~new("Word.Application")
2 word~visible=.true
3
4 NewDocument= word~Documents~add
5
6
7 Dir= Value("UserProfile",,ENVIRONMENT)
8 FileName= Dir || "\Pictures\" || "WU_Logo.png"
9
10 /*Add picture*/
11 ActiveDoc= word~ActiveDocument
12 ActiveDoc~InlineShapes~AddPicture(FileName)
```



# Bild einfügen

```
15  /*Crop the picture*/
16 ActivePic=ActiveDoc~InlineShapes(1)~PictureFormat
17 ActivePic~CropBottom=10
18 ActivePic~CropLeft=150
19 ActivePic~CropRight=0.5
20 ActivePic~CropTop=40
```



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# Text einer Webseite einfügen

L Listly Find a list on... working... MAKE A



Kraków (Polish pronunciation: [krakuf] listen), also spelled Krakow or Cracow (English pronunciation: /'krækau/ listen), is the 2nd largest and one of the oldest cities in Poland and a popular tourist destination. Its historic center was inscribed on the list of World Heritage Sites as the first of its kind.

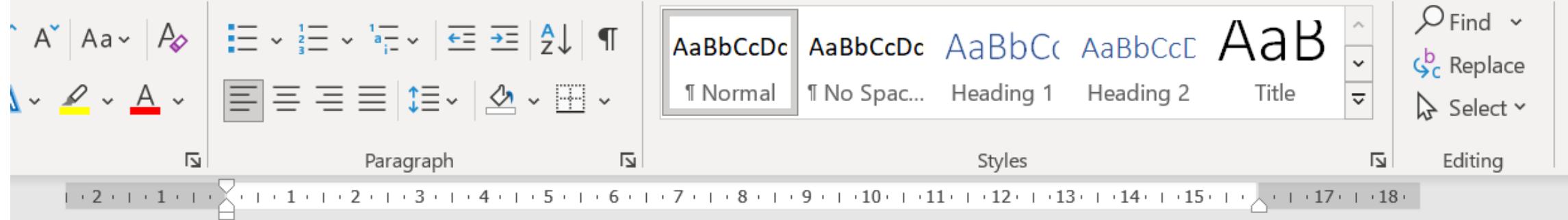
# Text einer Webseite einfügen

## Curl

= Client URL

→ Ermöglicht Zugang zu Internetressourcen

```
1 /*using curl*/
2 url="https://list.ly/list/m-best-european-cities-to-visit/"
3 command= "curl" url
4 outArr=.array~new
5 errArr=.array~new
6 ADDRESS SYSTEM command WITH OUTPUT USING (outArr) ERROR USING (errArr)
7 html=outArr~makeString
8 /*get content*/
9 PARSE VAR html '<h2 class="ly-item-title" title="Krakow">' . '<div
class="item_note wbreak ly-markdown"><p>' content '</p>'
10
11 /*open MS Word*/
12 word= .oleobject~new("Word.Application")
13 word~visible=.true
14 NewDocument=word~Documents~add
15 /*insert content in MS Word*/
16 SelectionObj=word~Selection
17 SelectionObj~TypeText(content)
```



KrakÃ³w (Polish pronunciation: [krakuf] [listen](#)), also spelled Krakow or Cracow (English pronunciation: /Ë^krÃ'kaÊŠ/ [listen](#)), is the 2nd largest and one of the oldest cities in Poland and a popular tourist destination. Its historic [center](#) was inscribed on the list of World Heritage Sites as the first of its kind.

## **BSF4ooRexx**

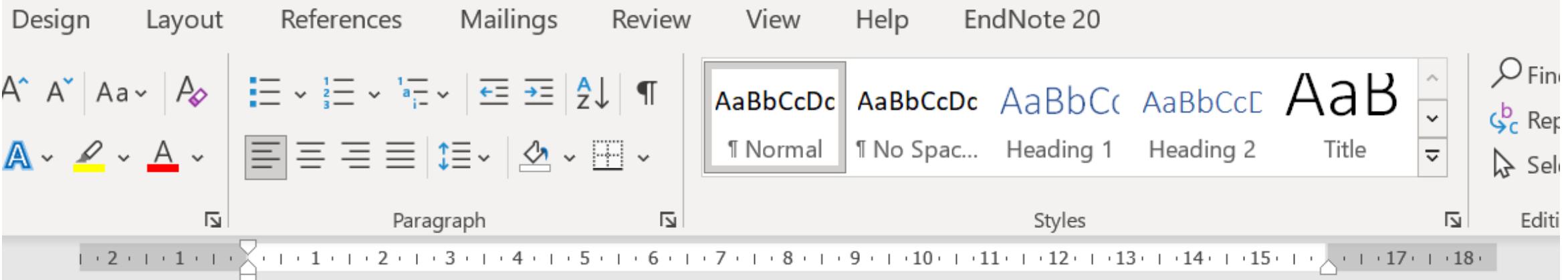
=externes Funktionspaket  
= „Bean Scripting Framework for ooRexx“  
→ OpenOffice.org  
→ Keine strikt-typisierte Interaktion mit Java

# Text codieren

## **BSF.CLS**

=Nutzung von Java über ooRexx  
„BSF4ooRexx“ notwendig

```
11  /*open MS Word*/
12  word= .oleobject~new("Word.Application")
13  word~visible=.true
14  NewDocument=word~Documents~add
15
16  say "textEncoding:" newDocument~textEncoding
17
18  /*insert content in MS Word*/
19  SelectionObj=word~Selection
20  newcontent=bsf.iconv(content, "utf-8","cp1252")
21  SelectionObj~TypeText (newcontent)
22
23  parse pull
24
25 ::requires "BSF.CLS"
```



Kraków (Polish pronunciation: [krakuf] [listen](#)), also spelled Krakow or Cracow (English pronunciation: /?kraækə/? [listen](#)), is the 2nd largest and one of the oldest cities in Poland and a popular tourist destination. Its historic [center](#) was inscribed on the list of World Heritage Sites as the first of its kind.



# Conclusio



**Vielen Dank für Ihre  
Aufmerksamkeit**