

**4118 - Business Programming I**

**4urHealth**



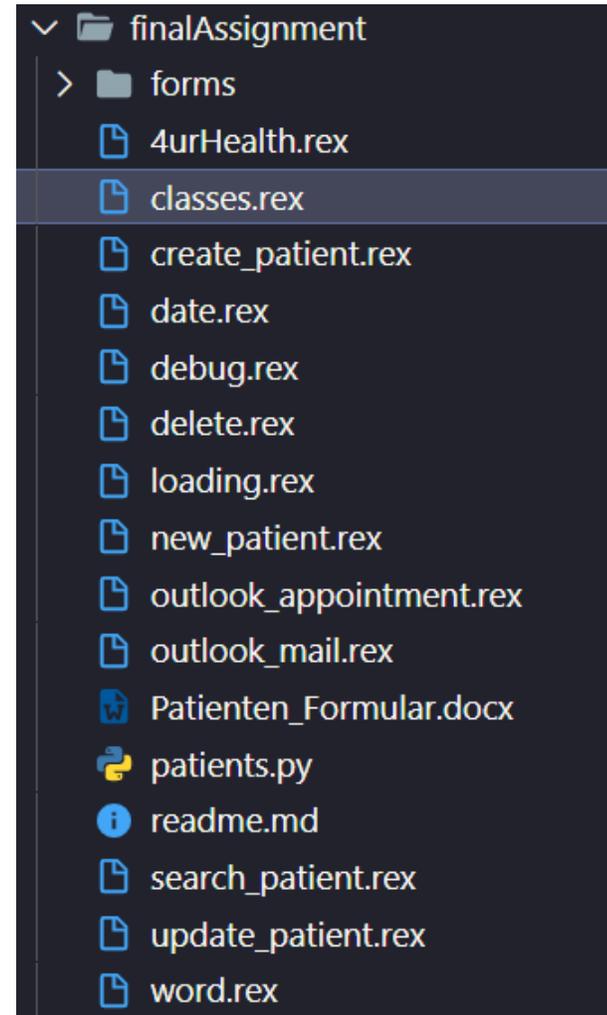
Tanja Matejevic & Thomas Kahr



# Übersichtlichkeit bei einem großen Programm

Ca 500 Zeilen mit Code

=> Aufteilen in mehrere  
Dateien





# Arbeit mit Datenbank – Instanz von Patienten

```
::class Patient public
::method init
  expose fname lname gender svnr birthday allergy drugs mail phone street house_number address_additional zip city next_appointment
  use arg fname, lname, gender, svnr, birthday, allergy, drugs, mail, phone, street, house_number, address_additional, zip, city, next_appointment
  self~init:super --invoke constructor of superclass
::method unknown
  say "FALSE"
::attribute fname
::attribute lname
::attribute gender
::attribute svnr
::attribute birthday
::attribute allergy
::attribute drugs
::attribute mail
::attribute phone
::attribute street
::attribute house_number
::attribute address_additional
::attribute zip
::attribute city
::attribute next_appointment
```



# PDF Formular erstellen

```
::routine word_form public
  use strict arg current_patient

  wrd = .OLEObject~new("Word.Application")
  wrd~Documents~Open("C:\UNI_Local\thomas\WINF\SS2021\SBWL\BIS\BusinessProgramming1\training\assignments\finalAssignment\Patienten_Formular.docx")
  wrdDoc = wrd~ActiveDocument
  wrdDoc~FormFields("lName")~result = current_patient~lName
  wrdDoc~FormFields("fName")~result = current_patient~fName
  wrdDoc~FormFields("svnr")~result = current_patient~svnr
  wrdDoc~FormFields("phone")~result = current_patient~phone
  wrdDoc~FormFields("mail")~result = current_patient~mail
  wrdDoc~FormFields("birthday")~result = current_patient~birthday

  path = "C:\UNI_Local\thomas\WINF\SS2021\SBWL\BIS\BusinessProgramming1\training\assignments\finalAssignment\forms"
  filename = path"\current_patient~lName"_"current_patient~fName"_Patientenfragebogen_"date(S)".pdf"
  wrdDoc~ExportAsFixedFormat2(filename, 17)
  wrdDoc~close(wrdDoc~getConstant(wdDoNotSaveChanges)) --dont change the original document. Just close it!
  wrd~Quit
```

