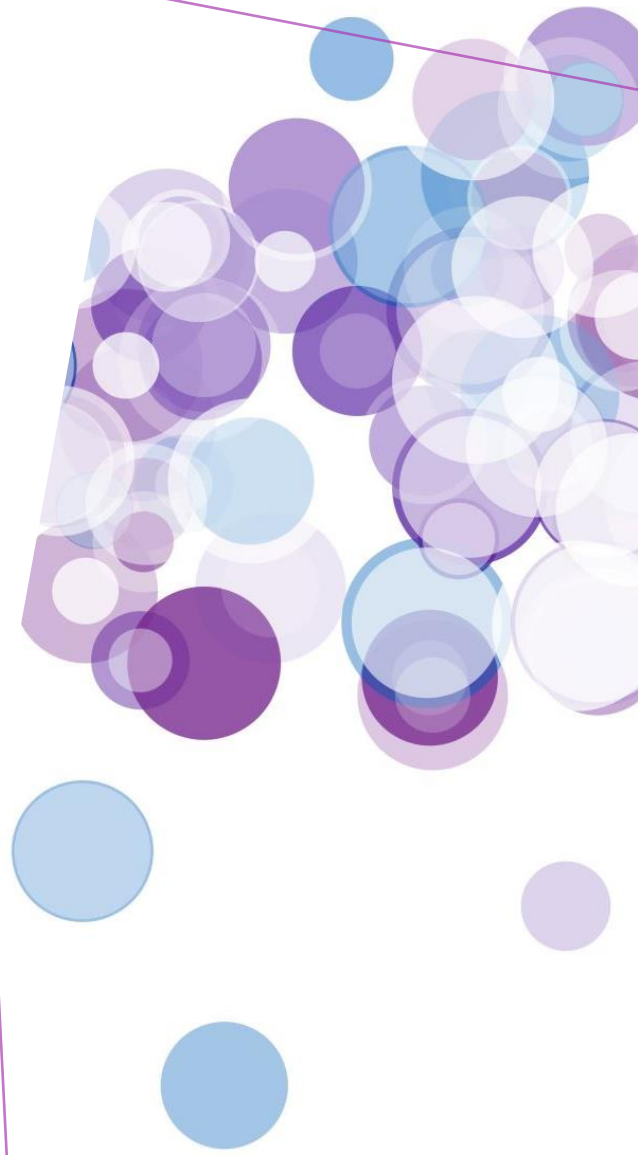
OLEH: HASBULLAH ABU BAKAR

ASAS PYTHON PROGRAMMING



OBJEKTIF KELAS

- Memperkenalkan asas Python
- Install dan configure PyCharm
- Excel Manipulation
- EDA (Exploratory Data Analysis)

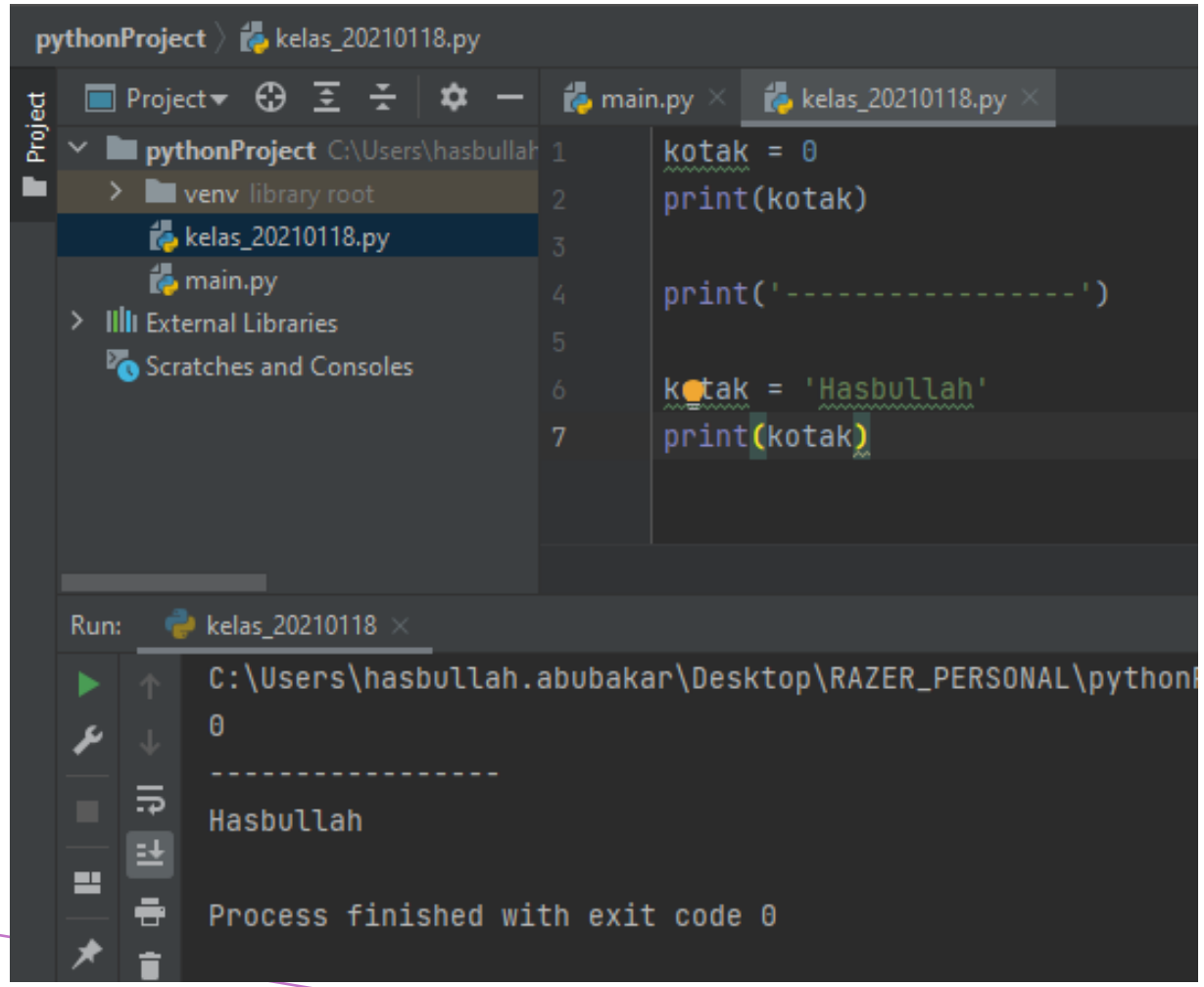
“MASA ITU EMAS”

APA ITU PYTHON

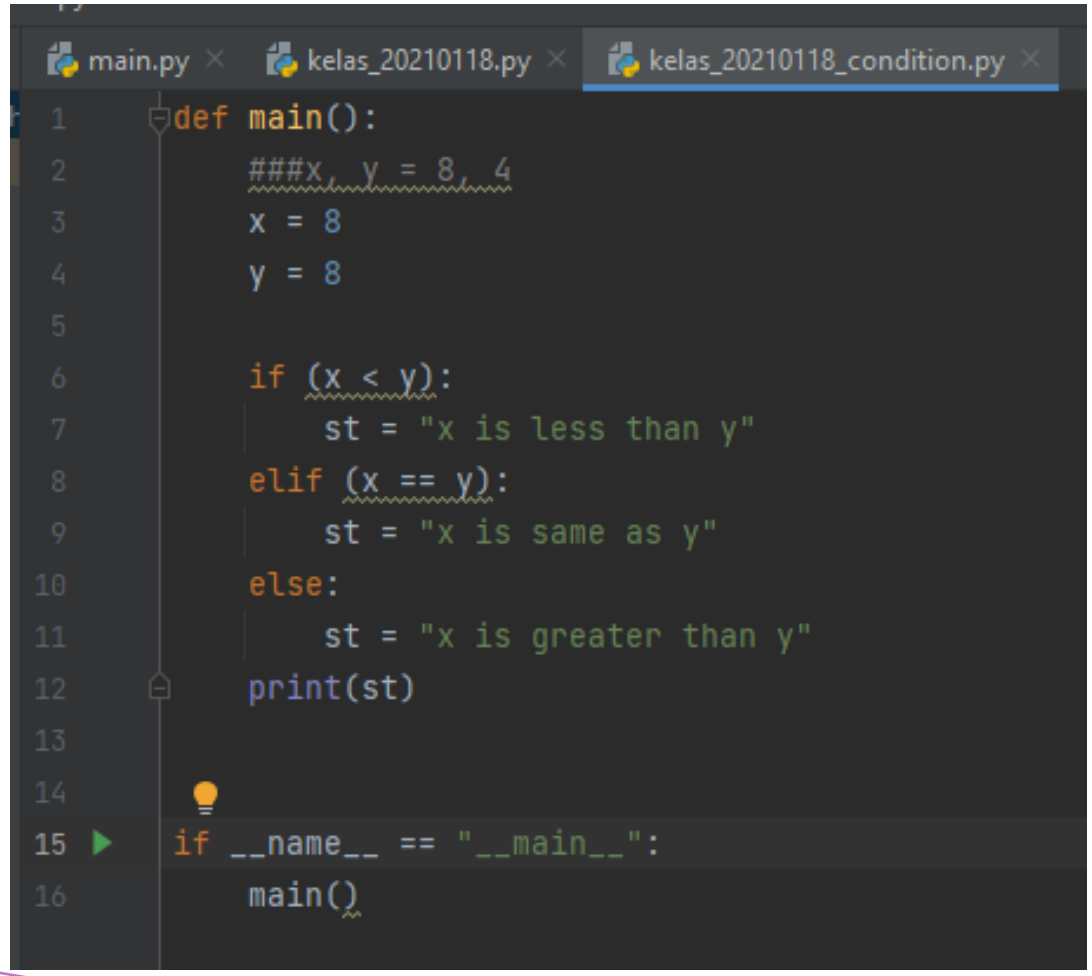
- Object-oriented programming language.
- High-level language
- Salah satu “programming language” yang popular
- Digunakan untuk:
  - Membina website
  - Automasi Tugas
  - Analisis Data

BAGAIMANA PYTHON BERFUNGSI?

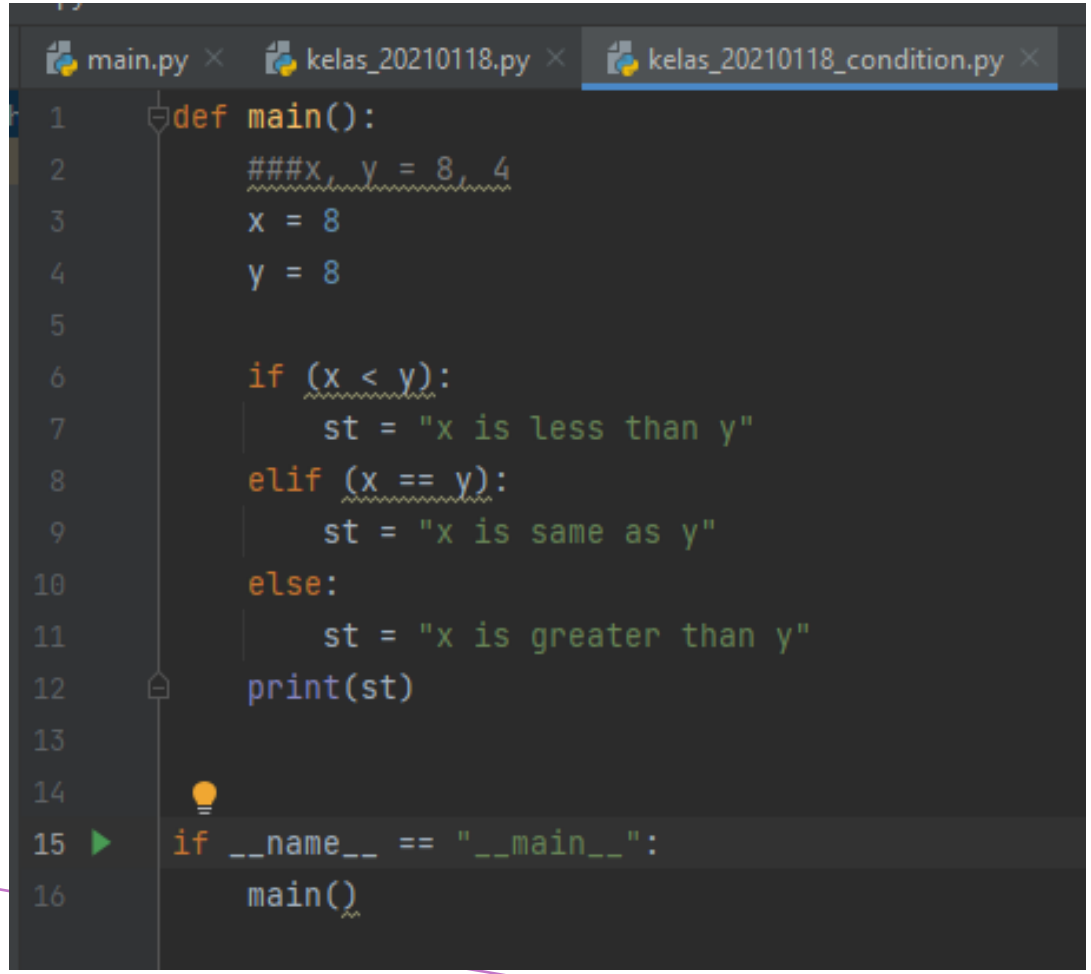
KONSEP PENTING: VARIABLE



KONSEP PENTING: CONDITIONAL



KONSEP PENTING: LOOP

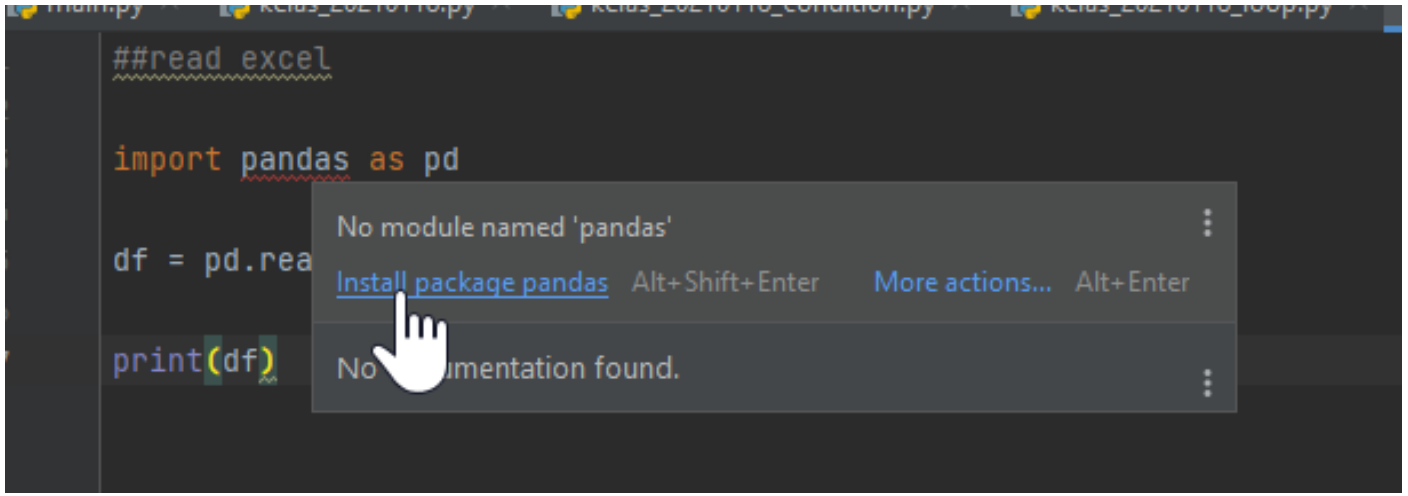


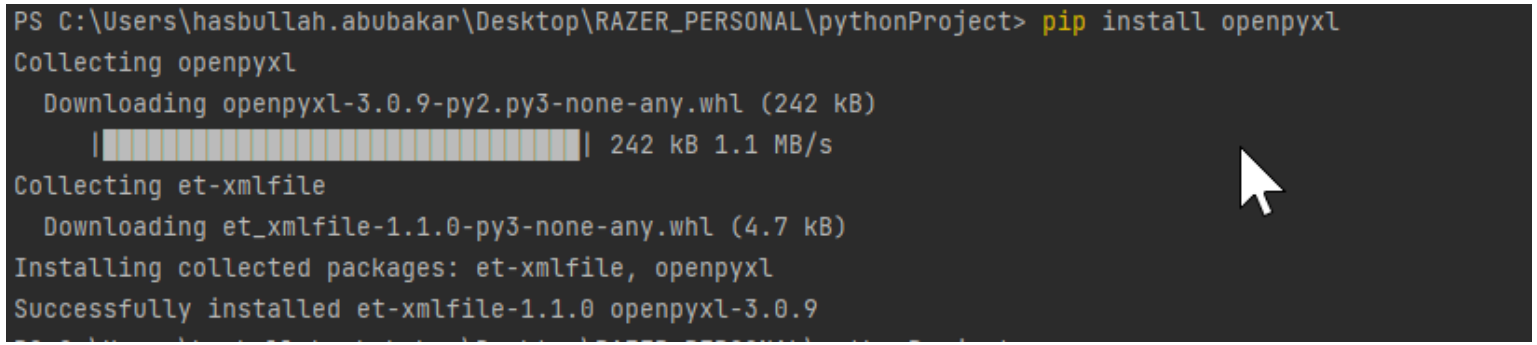
DEMO 3

MANIPULASI EXCEL

- pip install xlrd

```
PS C:\Users\hasbullah.abubakar\Desktop\[redacted]\pythonProject> pip install xlrd
Collecting xlrd
  Using cached xlrd-2.0.1-py2.py3-none-any.whl (96 kB)
Installing collected packages: xlrd
Successfully installed xlrd-2.0.1
```




PS C:\Users\hasbullah.abubakar\Desktop\RAZER_PERSONAL\pythonProject> pip install openpyxl
Collecting openpyxl
Downloading openpyxl-3.0.9-py2.py3-none-any.whl (242 kB)
242 kB 1.1 MB/s
Collecting et-xmlfile
Downloading et_xmlfile-1.1.0-py3-none-any.whl (4.7 kB)
Installing collected packages: et-xmlfile, openpyxl
Successfully installed et-xmlfile-1.1.0 openpyxl-3.0.9

EDA – EXPLORATORY DATA ANALYSIS

- https://www.kaggle.com/ekami66/detailed-exploratory-data-analysis-with-python

CONTACT

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TERIMA KASIH