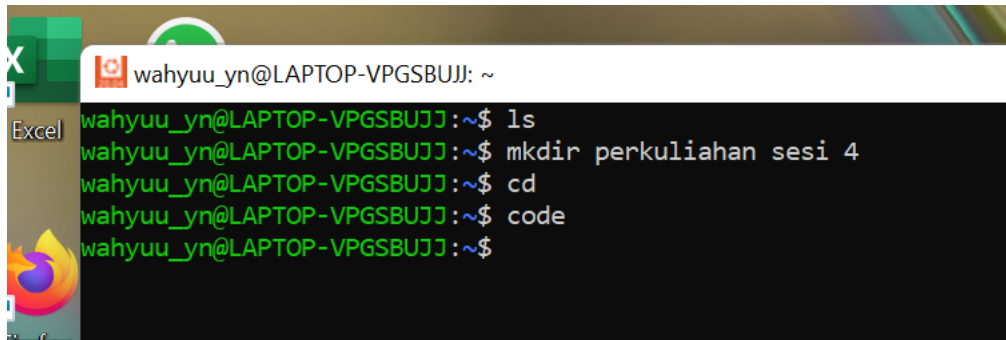


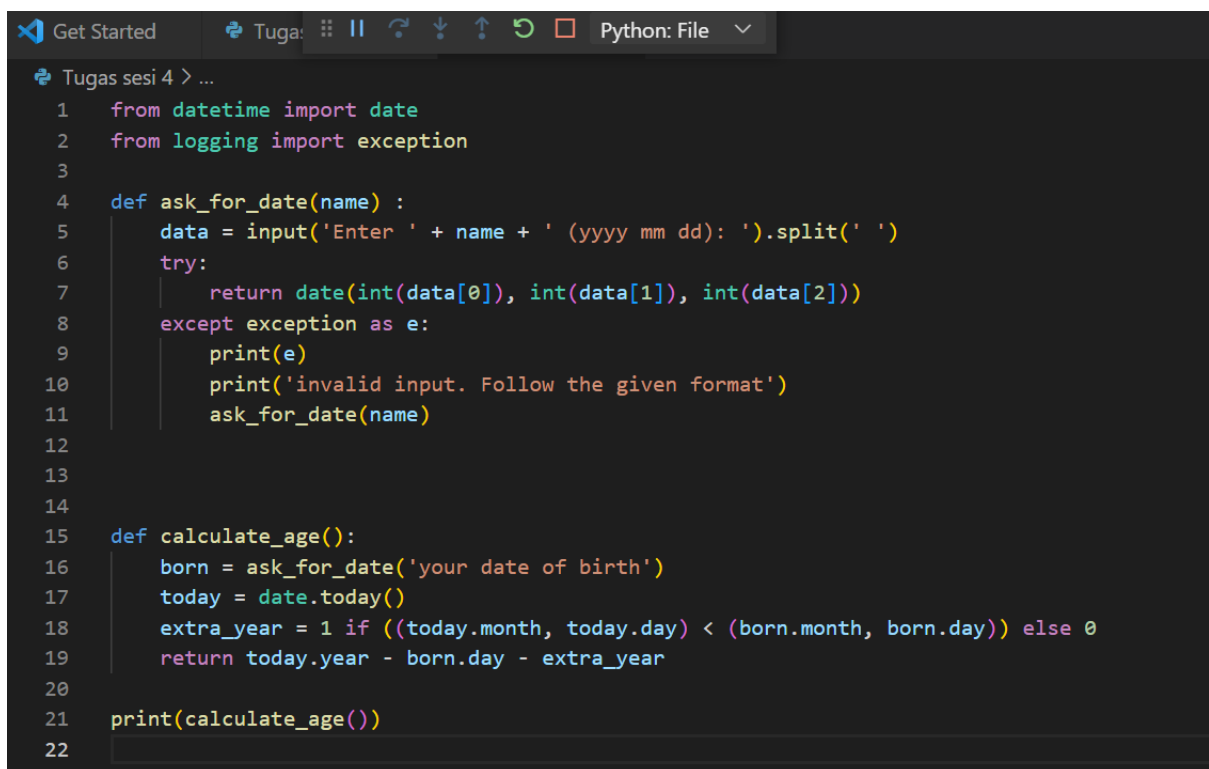
NAMA : WAHYU YAHYA NUGRAHA  
NIM : 20210801382 – TEKNIK INFORMATIKA  
MATA PERKULIAHAN : Pemograman Berorientasi Objek

## 1. Konfigurasi ubuntu

A terminal window on a Linux system. The prompt is 'wahyuu\_yn@LAPTOP-VPGSBUJJ: ~'. The user has entered the following commands: 'ls', 'mkdir perkuliahan sesi 4', 'cd', and 'code'. The terminal output shows the directory listing and the successful execution of the commands.

```
wahyuu_yn@LAPTOP-VPGSBUJJ: ~  
wahyuu_yn@LAPTOP-VPGSBUJJ:~$ ls  
wahyuu_yn@LAPTOP-VPGSBUJJ:~$ mkdir perkuliahan sesi 4  
wahyuu_yn@LAPTOP-VPGSBUJJ:~$ cd  
wahyuu_yn@LAPTOP-VPGSBUJJ:~$ code  
wahyuu_yn@LAPTOP-VPGSBUJJ:~$
```

## 2. Terminal config vscode

A screenshot of the Visual Studio Code editor. The file explorer on the left shows 'Tugas sesi 4 > ...'. The main editor area contains a Python script. The script defines two functions: 'ask\_for\_date' and 'calculate\_age'. The 'ask\_for\_date' function prompts the user for a date in 'yyyy mm dd' format and returns it as a date object. The 'calculate\_age' function uses the 'ask\_for\_date' function to get the birth date and calculates the age based on the current date. The script ends with a call to 'print(calculate\_age())'.

```
Get Started | Tugas: | Python: File  
Tugas sesi 4 > ...  
1 from datetime import date  
2 from logging import exception  
3  
4 def ask_for_date(name) :  
5     data = input('Enter ' + name + ' (yyyy mm dd): ').split(' ')  
6     try:  
7         return date(int(data[0]), int(data[1]), int(data[2]))  
8     except exception as e:  
9         print(e)  
10        print('invalid input. Follow the given format')  
11        ask_for_date(name)  
12  
13  
14  
15 def calculate_age():  
16     born = ask_for_date('your date of birth')  
17     today = date.today()  
18     extra_year = 1 if ((today.month, today.day) < (born.month, born.day)) else 0  
19     return today.year - born.day - extra_year  
20  
21 print(calculate_age())  
22
```

### 3. Setelah Selesai konfigurasi

```
PROBLEMS 1 OUTPUT DEBUG CONSOLE TERMINAL JUPYTER

Windows PowerShell
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Install the latest PowerShell for new features and improvements! https://aka.ms/PSWindows

PS C:\Users\WAHYU\Documents\Pemogramam Berorientasi Objek> & 'C:\Users\WAHYU\AppData\Local\Microsoft\WindowsApps\python3.10.exe' 'c:\Users\WAHYU\.vscode\extensions\ms-python.python-2022.18.1\pythonFiles\lib\python\debugpy\adapter\..\..\debugpy\launcher' '52751' '--' 'c:\Users\WAHYU\Documents\Pemogramam Berorientasi Objek\Tugas sesi 4'
Enter your date of birth (yyyy mm dd): 2003 03 23
1999
PS C:\Users\WAHYU\Documents\Pemogramam Berorientasi Objek> 
```