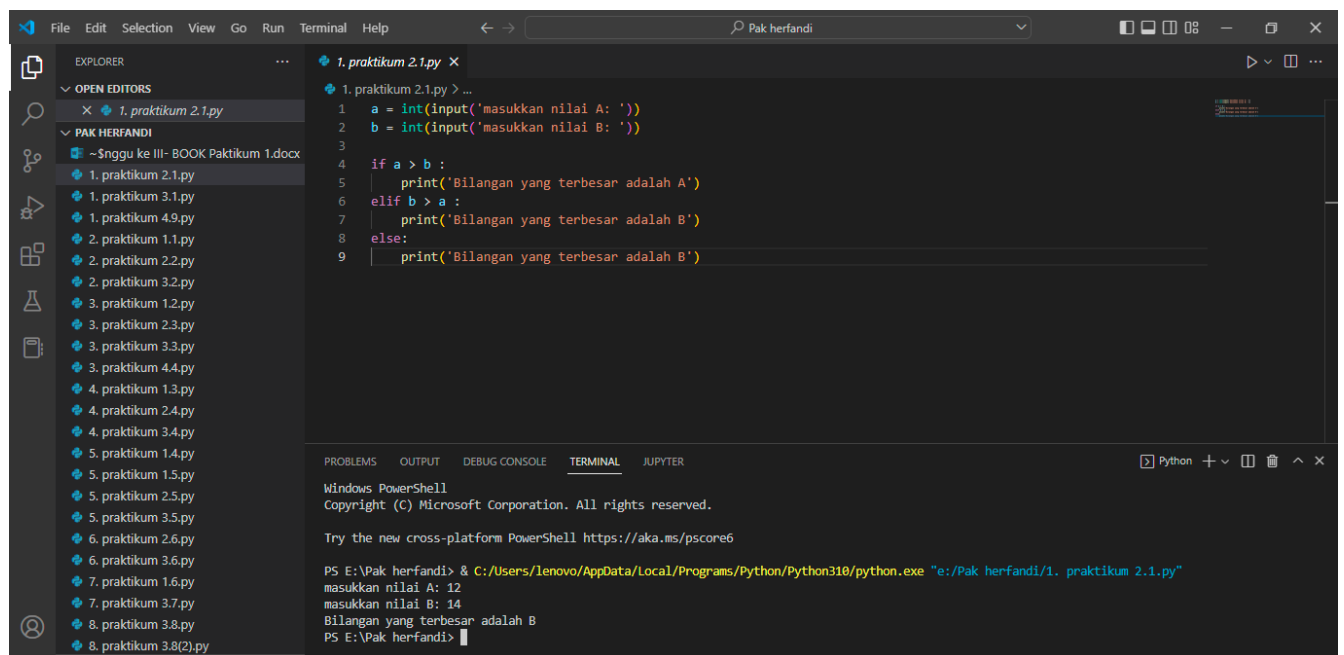


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NIM : 211001038
KELAS : D/KECERDASAN BUATAN

1. Praktikum 2.1



The screenshot shows the Visual Studio Code interface. The Explorer panel on the left lists files under 'PAK HERFANDI', including '1. praktikum 2.1.py'. The Editor panel displays the code for '1. praktikum 2.1.py', which is a Python script to find the maximum of two numbers, A and B. The code uses `input()` for user input and `int()` for conversion. It includes an `if-elif-else` structure to print the maximum value. The Terminal panel at the bottom shows the command prompt execution of the script, with inputs 12 and 14, resulting in the output 'Bilangan yang terbesar adalah B'.

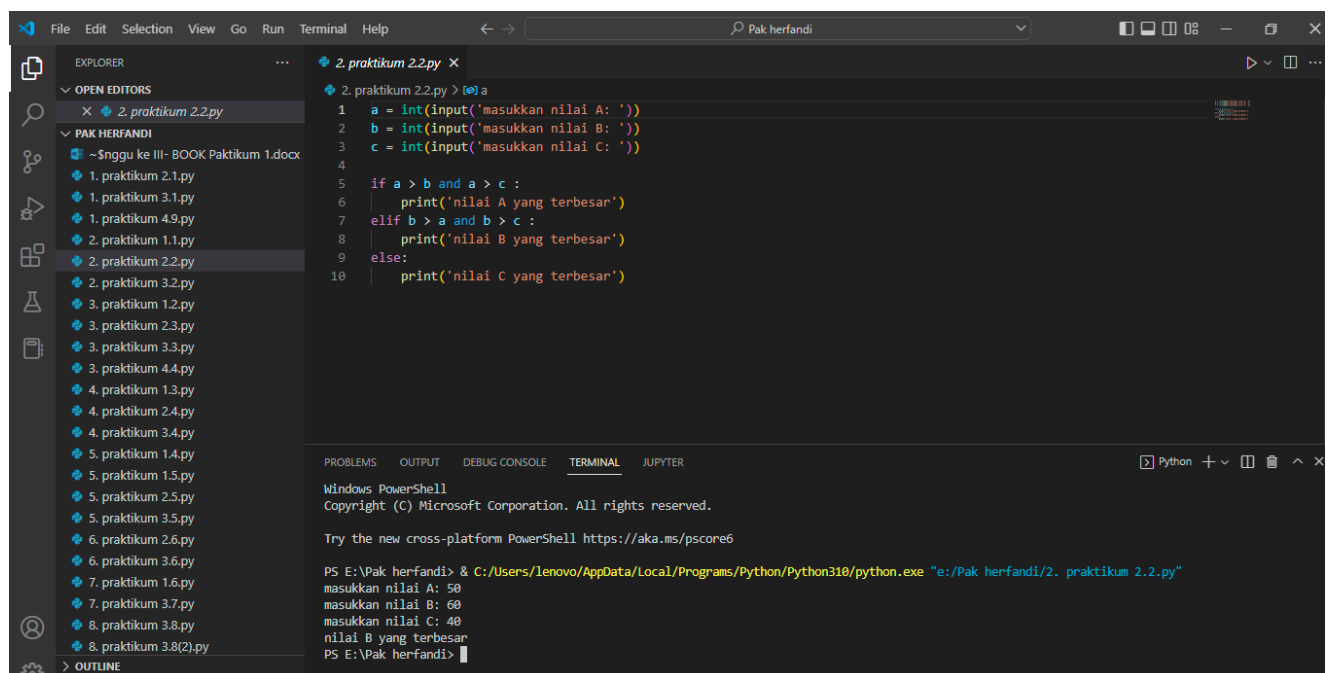
```
1 a = int(input('masukkan nilai A: '))
2 b = int(input('masukkan nilai B: '))
3
4 if a > b :
5     print('Bilangan yang terbesar adalah A')
6 elif b > a :
7     print('Bilangan yang terbesar adalah B')
8 else:
9     print('Bilangan yang terbesar adalah B')
```

Windows PowerShell
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Try the new cross-platform PowerShell <https://aka.ms/pscore6>

PS E:\Pak herfandi> & C:/Users/lenovo/AppData/Local/Programs/Python/Python310/python.exe "e:/Pak herfandi/1. praktikum 2.1.py"
masukkan nilai A: 12
masukkan nilai B: 14
Bilangan yang terbesar adalah B
PS E:\Pak herfandi>

2. Praktikum 2.2



The screenshot shows the Visual Studio Code interface. The Explorer panel on the left lists files under 'PAK HERFANDI', including '2. praktikum 2.2.py'. The Editor panel displays the code for '2. praktikum 2.2.py', which is a Python script to find the maximum of three numbers, A, B, and C. The code uses `input()` for user input and `int()` for conversion. It includes an `if-elif-else` structure to print the maximum value. The Terminal panel at the bottom shows the command prompt execution of the script, with inputs 50, 60, and 40, resulting in the output 'nilai B yang terbesar'.

```
1 a = int(input('masukkan nilai A: '))
2 b = int(input('masukkan nilai B: '))
3 c = int(input('masukkan nilai C: '))
4
5 if a > b and a > c :
6     print('nilai A yang terbesar')
7 elif b > a and b > c :
8     print('nilai B yang terbesar')
9 else:
10    print('nilai C yang terbesar')
```

Windows PowerShell
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Try the new cross-platform PowerShell <https://aka.ms/pscore6>

PS E:\Pak herfandi> & C:/Users/lenovo/AppData/Local/Programs/Python/Python310/python.exe "e:/Pak herfandi/2. praktikum 2.2.py"
masukkan nilai A: 50
masukkan nilai B: 60
masukkan nilai C: 40
nilai B yang terbesar
PS E:\Pak herfandi>

3. Praktikum 2.3

```
3. praktikum 2.3.py > a
1 a = int(input('masukkan nilai A: '))
2 b = int(input('masukkan nilai B: '))
3 c = int(input('masukkan nilai C: '))
4
5 if a == b :
6     print('Bil A sama dengan bil B')
7 elif a == c :
8     print('Bil A sama dengan bil c')
9 elif b == c :
10    print('Bil B sama dengan bil C')
11 else:
12    print('tidak terdapat bilangan yang sama')
```

Windows PowerShell
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Try the new cross-platform PowerShell <https://aka.ms/pscore6>

PS E:\Pak herfandi> & C:/Users/lenovo/AppData/Local/Programs/Python/Python310/python.exe "e:/Pak herfandi/3. praktikum 2.3.py"

masukkan nilai A: 50
masukkan nilai B: 80
masukkan nilai C: 70
tidak terdapat bilangan yang sama
PS E:\Pak herfandi>

4. Praktikum 2.4

```
4. praktikum 2.4.py > nama
1 nama = input ("Nama Anda : ")
2 tinggi = int (input ("Tinggi Badan : "))
3
4 rumus = tinggi - 100
5 print (f"saudara {nama}, berat ideal anda adalah {rumus} kg")
```

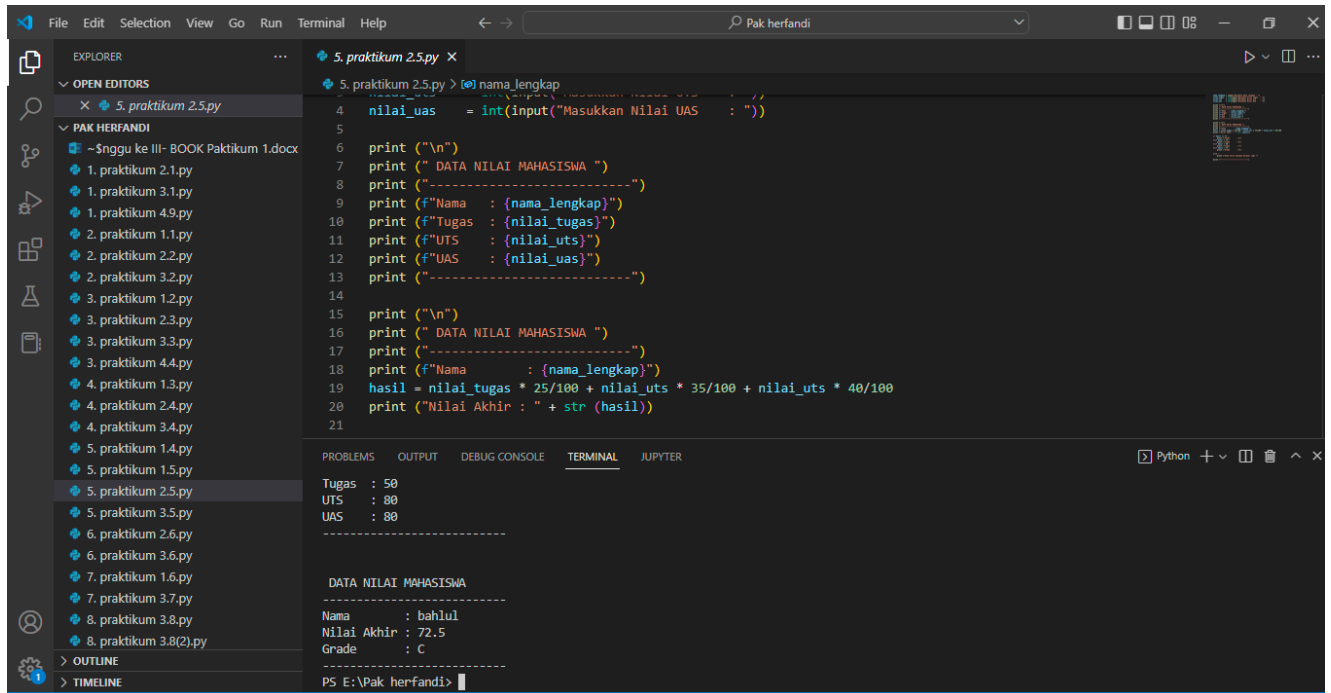
Windows PowerShell
Copyright (C) Microsoft Corporation. All rights reserved.

Try the new cross-platform PowerShell <https://aka.ms/pscore6>

PS E:\Pak herfandi> & C:/Users/lenovo/AppData/Local/Programs/Python/Python310/python.exe "e:/Pak herfandi/4. praktikum 2.4.py"

Nama Anda : anis
Tinggi Badan : 180
saudara anis, berat ideal anda adalah 80 kg
PS E:\Pak herfandi>

5. Praktikum 2.5



```
File Edit Selection View Go Run Terminal Help
Pak herfandi

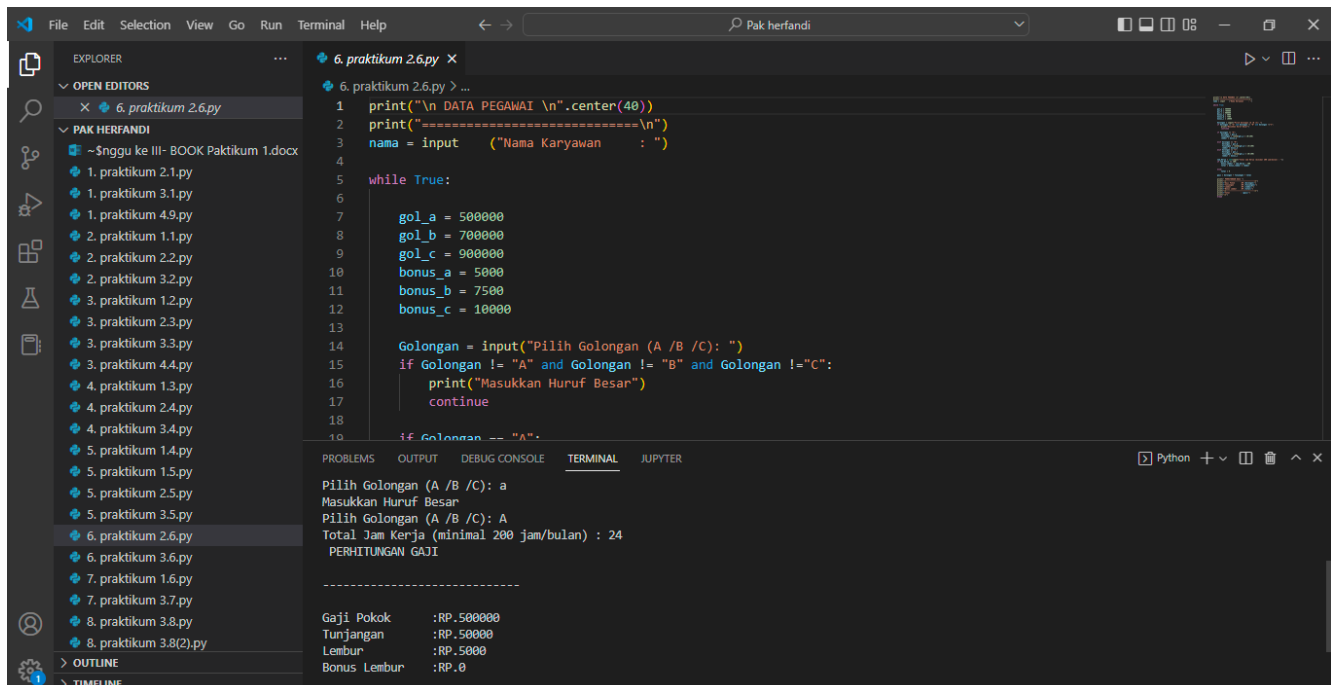
EXPLORER
OPEN EDITORS
5. praktikum 2.5.py
PAK HERFANDI
~$nggu ke III- BOOK Paktikum 1.docx
1. praktikum 2.1.py
1. praktikum 3.1.py
1. praktikum 4.9.py
2. praktikum 1.1.py
2. praktikum 2.2.py
2. praktikum 3.2.py
3. praktikum 1.2.py
3. praktikum 2.3.py
3. praktikum 3.3.py
3. praktikum 4.4.py
4. praktikum 1.3.py
4. praktikum 2.4.py
4. praktikum 3.4.py
5. praktikum 1.4.py
5. praktikum 1.5.py
5. praktikum 2.5.py
5. praktikum 3.5.py
6. praktikum 2.6.py
6. praktikum 3.6.py
7. praktikum 1.6.py
7. praktikum 3.7.py
8. praktikum 3.8.py
8. praktikum 3.8(2).py
OUTLINE
TIMELINE

5. praktikum 2.5.py
5. praktikum 2.5.py > nama_lengkap
4 nilai_uas = int(input("Masukkan Nilai UAS : "))
5
6 print("\n")
7 print(" DATA NILAI MAHASISWA ")
8 print("-----")
9 print(f>Nama : {nama_lengkap}")
10 print(f>Tugas : {nilai_tugas}")
11 print(f>UTS : {nilai_uts}")
12 print(f>UAS : {nilai_uas}")
13 print("-----")
14
15 print("\n")
16 print(" DATA NILAI MAHASISWA ")
17 print("-----")
18 print(f>Nama : {nama_lengkap}")
19 hasil = nilai_tugas * 25/100 + nilai_uts * 35/100 + nilai_uas * 40/100
20 print("Nilai Akhir : " + str(hasil))
21

PROBLEMS OUTPUT DEBUG CONSOLE TERMINAL JUPYTER
Python + -

Tugas : 50
UTS : 80
UAS : 80
-----
DATA NILAI MAHASISWA
-----
Nama : bahlul
Nilai Akhir : 72.5
Grade : C
-----
PS E:\Pak herfandi>
```

6. Praktikum 2.6



```
File Edit Selection View Go Run Terminal Help
Pak herfandi

EXPLORER
OPEN EDITORS
6. praktikum 2.6.py
PAK HERFANDI
~$nggu ke III- BOOK Paktikum 1.docx
1. praktikum 2.1.py
1. praktikum 3.1.py
1. praktikum 4.9.py
2. praktikum 1.1.py
2. praktikum 2.2.py
2. praktikum 3.2.py
3. praktikum 1.2.py
3. praktikum 2.3.py
3. praktikum 3.3.py
3. praktikum 4.4.py
4. praktikum 1.3.py
4. praktikum 2.4.py
4. praktikum 3.4.py
5. praktikum 1.4.py
5. praktikum 1.5.py
5. praktikum 2.5.py
5. praktikum 3.5.py
6. praktikum 2.6.py
6. praktikum 3.6.py
7. praktikum 1.6.py
7. praktikum 3.7.py
8. praktikum 3.8.py
8. praktikum 3.8(2).py
OUTLINE
TIMELINE

6. praktikum 2.6.py
6. praktikum 2.6.py > ...
1 print("\n DATA PEGAWAI \n".center(40))
2 print("-----\n")
3 nama = input ("Nama Karyawan : ")
4
5 while True:
6
7     gol_a = 500000
8     gol_b = 700000
9     gol_c = 900000
10    bonus_a = 5000
11    bonus_b = 7500
12    bonus_c = 10000
13
14    Golongan = input("Pilih Golongan (A /B /C): ")
15    if Golongan != "A" and Golongan != "B" and Golongan != "C":
16        print("Masukkan Huruf Besar")
17        continue
18
19    if Golongan == "A":
20
21
22
23
24
25
26
27
28
29
30
31
32
33
34
35
36
37
38
39
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PROBLEMS OUTPUT DEBUG CONSOLE TERMINAL JUPYTER
Python + -

Pilih Golongan (A /B /C): a
Masukkan Huruf Besar
Pilih Golongan (A /B /C): A
Total Jam Kerja (minimal 200 jam/bulan) : 24
PERHITUNGAN GAJI
-----
Gaji Pokok :RP.500000
Tunjangan :RP.50000
Lembur :RP.5000
Bonus Lembur :RP.0
```