

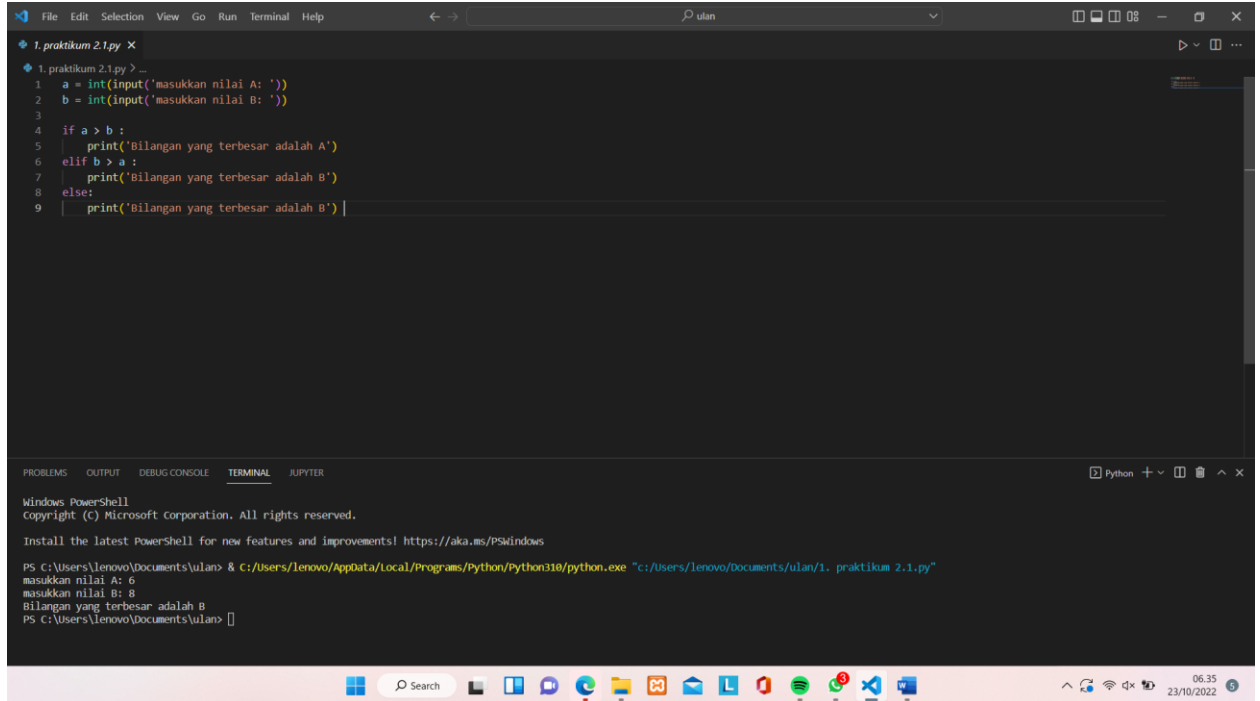
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Praktikum II

1. Praktikum 2.1



The screenshot shows a Visual Studio Code editor window with a Python file named `1.praktikum 2.1.py`. The code is a simple program that takes two inputs, `a` and `b`, and prints the larger one. The terminal at the bottom shows the command to run the script, followed by the input values 6 and 8, and the output "Bilangan yang terbesar adalah 8".

```
File Edit Selection View Go Run Terminal Help
1.praktikum 2.1.py X
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')

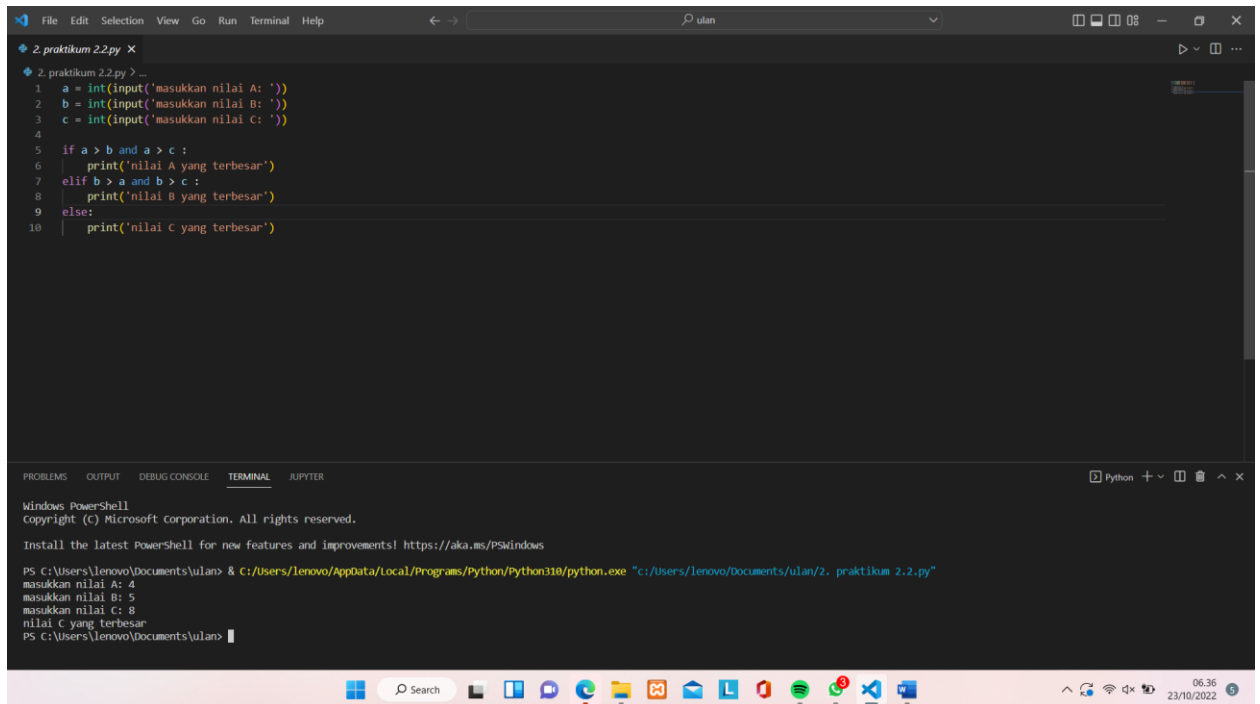
PROBLEMS OUTPUT DEBUG CONSOLE TERMINAL JUPYTER
Python + - [] {} ^ x

Windows PowerShell
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PS C:\Users\lenovo\Documents\ulan> & c:\Users\lenovo\AppData\Local\Programs\Python\Python310\python.exe "c:\Users\lenovo\Documents\ulan\1.praktikum 2.1.py"
masukkan nilai A: 6
masukkan nilai B: 8
Bilangan yang terbesar adalah 8
PS C:\Users\lenovo\Documents\ulan>
```

2. Praktikum 2.2



The screenshot shows the Visual Studio Code editor with a file named `2. praktikum 2.2.py`. The code is a Python script that takes three inputs (A, B, and C) and prints the largest one. The terminal window at the bottom shows the command to run the script and the resulting output.

```
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')
```

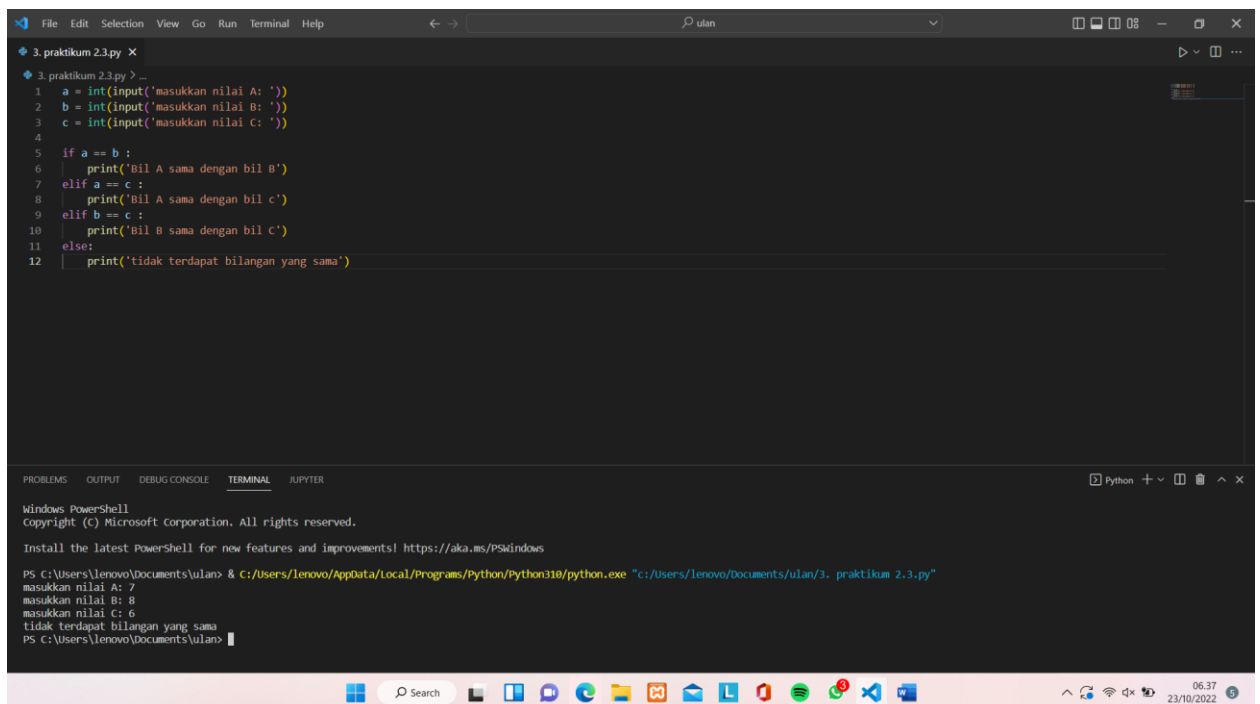
Terminal output:

```
Windows PowerShell
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PS C:\Users\lenovo\Documents\ulan> & c:\Users\lenovo\AppData\Local\Programs\Python\Python310\python.exe "c:\Users\lenovo\Documents\ulan\2. praktikum 2.2.py"
masukkan nilai A: 4
masukkan nilai B: 5
masukkan nilai C: 8
nilai C yang terbesar
PS C:\Users\lenovo\Documents\ulan>
```

3. Praktikum 2.3



The screenshot shows the Visual Studio Code editor with a file named `3. praktikum 2.3.py`. The code is a Python script that takes three inputs (A, B, and C) and prints whether they are equal or not. The terminal window at the bottom shows the command to run the script and the resulting output.

```
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')
```

Terminal output:

```
Windows PowerShell
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PS C:\Users\lenovo\Documents\ulan> & c:\Users\lenovo\AppData\Local\Programs\Python\Python310\python.exe "c:\Users\lenovo\Documents\ulan\3. praktikum 2.3.py"
masukkan nilai A: 7
masukkan nilai B: 8
masukkan nilai C: 6
tidak terdapat bilangan yang sama
PS C:\Users\lenovo\Documents\ulan>
```

4. Praktikum 2.4

The screenshot shows a Jupyter Notebook window with a dark theme. The top bar includes 'File', 'Edit', 'Selection', 'View', 'Go', 'Run', 'Terminal', and 'Help'. Below the top bar, there are tabs for '3. praktikum 2.3.py' and '4. praktikum 2.4.py'. The active tab '4. praktikum 2.4.py' contains the following Python code:

```
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")
```

Below the code editor, there is a 'TERMINAL' tab showing the execution of the script in a Windows PowerShell environment. The output is as follows:

```
Windows PowerShell
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PS C:\Users\lenovo\Documents\ulan> & C:\Users\lenovo\AppData\Local\Programs\Python\Python310\python.exe "c:\Users\lenovo\Documents\ulan\4. praktikum 2.4.py"
Nama Anda : Ulan
Tinggi Badan : 167
saudara Ulan , berat ideal anda adalah 67 kg
PS C:\Users\lenovo\Documents\ulan>
```

The bottom of the screen shows the Windows taskbar with various icons and the system clock indicating 06:38 on 23/10/2022.

5. Praktikum 2.5

The screenshot shows a Jupyter Notebook window with a dark theme. The top bar includes 'File', 'Edit', 'Selection', 'View', 'Go', 'Run', 'Terminal', and 'Help'. Below the top bar, there are tabs for '3. praktikum 2.3.py', '6. praktikum 2.6.py', and '5. praktikum 2.5.py'. The active tab '5. praktikum 2.5.py' contains the following Python code:

```
1 nama_lengkap = input("Masukkan Nama Lengkap : ")
2 nilai_tugas = int(input("Masukkan Nilai Tugas : "))
3 nilai_uts = int(input("Masukkan Nilai UTS : "))
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
22 if hasil >= 75 :
23     print("Grade      : A")
24 elif hasil > 75 :
25     print("Grade      : B")
```

Below the code editor, there is a 'TERMINAL' tab showing the execution of the script in a Windows PowerShell environment. The output is as follows:

```
Tugas : 80
UTS : 85
UAS : 80
-----

DATA NILAI MAHASISWA
-----
Nama      : Astuti Novita Mulandari
Nilai Akhir : 83.75
Grade      : A
-----
```

The bottom of the screen shows the Windows taskbar with various icons and the system clock indicating 06:40 on 23/10/2022.