

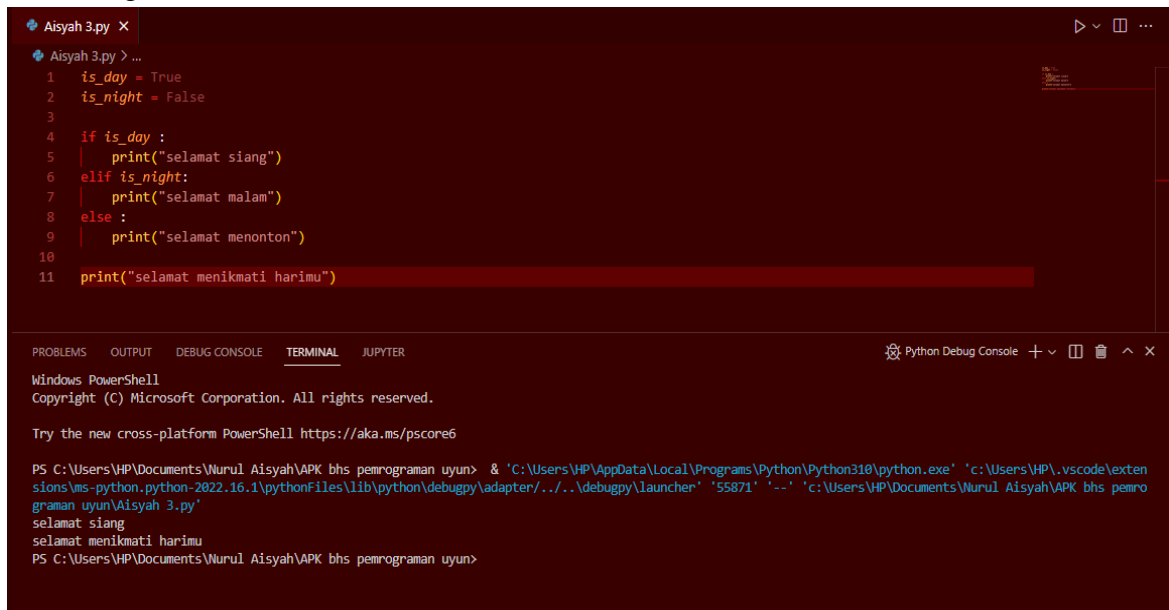
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NIM : 211001042

KELAS : 3D INFORMATIKA

Tugas py 3 Minggu ke-2

1. Percabangan if



```
Aisyah 3.py X
Aisyah 3.py > ...
1  is_day = True
2  is_night = False
3
4  if is_day :
5      print("selamat siang")
6  elif is_night:
7      print("selamat malam")
8  else :
9      print("selamat menonton")
10
11 print("selamat menikmati harimu")

PROBLEMS OUTPUT DEBUG CONSOLE TERMINAL JUPYTER
Python Debug Console + - [ ] ^ x

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

PS C:\Users\HP\Documents\Nurul Aisyah\APK bhs pemrograman uyun> & 'C:\Users\HP\AppData\Local\Programs\Python\Python310\python.exe' 'c:\Users\HP\.vscode\extensions\ms-python.python-2022.16.1\pythonFiles\lib\python\debugpy\adapter\..\..\debugpy\launcher' '55871' '--' 'c:\Users\HP\Documents\Nurul Aisyah\APK bhs pemrograman uyun\Aisyah 3.py'
selamat siang
selamat menikmati harimu
PS C:\Users\HP\Documents\Nurul Aisyah\APK bhs pemrograman uyun>
```

2. Operator perbandingan



```
Aisyah 3.py X
Aisyah 3.py > ...
1  nilai = 7.5
2
3  if nilai >= 8:
4      print("nilai kamu A")
5  elif nilai >= 7:
6      print("nilai kamu B")
7  elif nilai >= 6:
8      print("nilai kamu C")
9  else:
10     print("semangat belajar lagi yaaaaaa")

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nilai kamu B
PS C:\Users\HP\Documents\Nurul Aisyah\APK bhs pemrograman uyun>
```

3. Operator logika



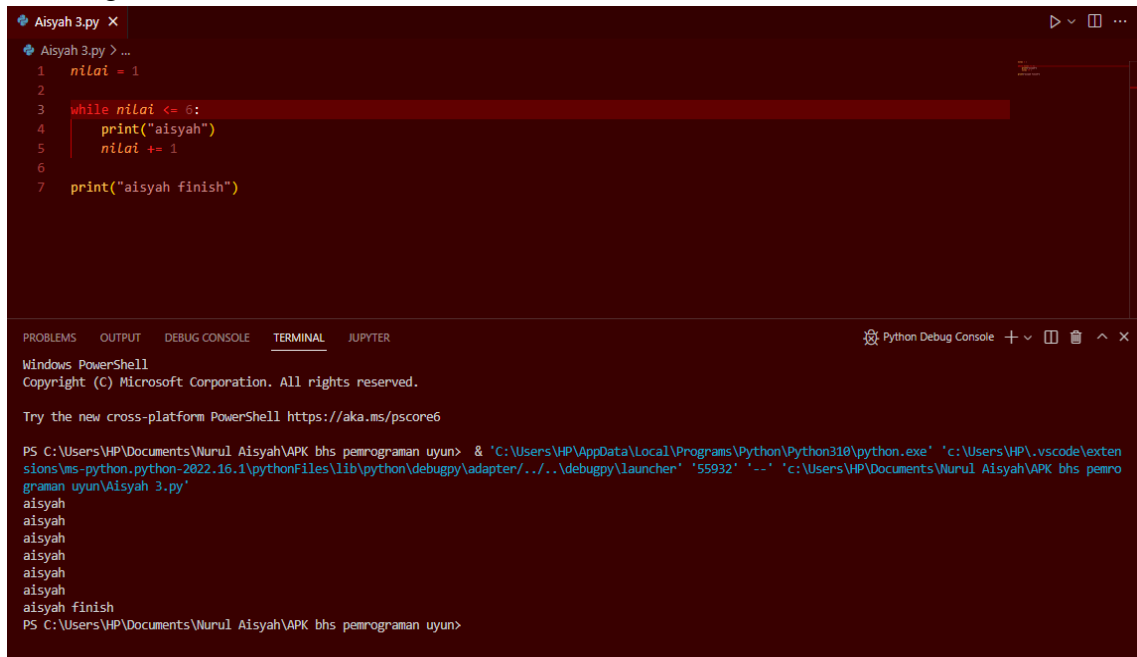
The screenshot shows a VS Code editor with a file named 'Aisyah 3.py'. The code is as follows:

```
1 name = "Nurul aisyah"
2 valid = True
3
4 if len(name) > 4 or valid :
5     print("just welcome")
6 else:
7     print("nama terlalu singkat")
```

The terminal output shows the execution of the script:

```
PS C:\Users\HP\Documents\Wurul Aisyah\APK bhs pemrograman uyun> & 'C:\Users\HP\AppData\Local\Programs\Python\Python310\python.exe' 'c:\Users\HP\.vscode\extensions\ms-python.python-2022.16.1\pythonFiles\lib\python\debugpy\adapter\..\..\debugpy\launcher' '55886' '--' 'c:\Users\HP\Documents\Wurul Aisyah\APK bhs pemrograman uyun\Aisyah 3.py'
just welcome
PS C:\Users\HP\Documents\Wurul Aisyah\APK bhs pemrograman uyun>
```

4. Perulangan while



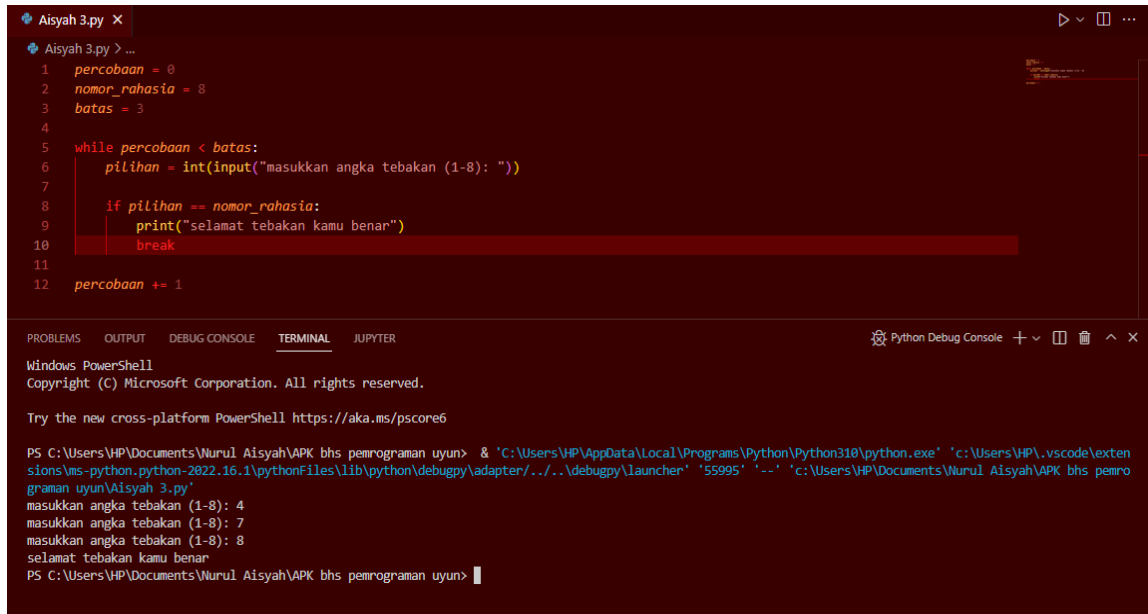
The screenshot shows a VS Code editor with a file named 'Aisyah 3.py'. The code is as follows:

```
1 nilai = 1
2
3 while nilai <= 6:
4     print("aisyah")
5     nilai += 1
6
7 print("aisyah finish")
```

The terminal output shows the execution of the script:

```
PS C:\Users\HP\Documents\Wurul Aisyah\APK bhs pemrograman uyun> & 'C:\Users\HP\AppData\Local\Programs\Python\Python310\python.exe' 'c:\Users\HP\.vscode\extensions\ms-python.python-2022.16.1\pythonFiles\lib\python\debugpy\adapter\..\..\debugpy\launcher' '55932' '--' 'c:\Users\HP\Documents\Wurul Aisyah\APK bhs pemrograman uyun\Aisyah 3.py'
aisyah
aisyah
aisyah
aisyah
aisyah
aisyah
aisyah finish
PS C:\Users\HP\Documents\Wurul Aisyah\APK bhs pemrograman uyun>
```

5. Game tebak angka



```
Aisyah 3.py X
Aisyah 3.py > ...
1  percobaan = 0
2  nomor_rahasia = 8
3  batas = 3
4
5  while percobaan < batas:
6      pilihan = int(input("masukkan angka tebakan (1-8): "))
7
8      if pilihan == nomor_rahasia:
9          print("selamat tebakan kamu benar")
10         break
11
12     percobaan += 1

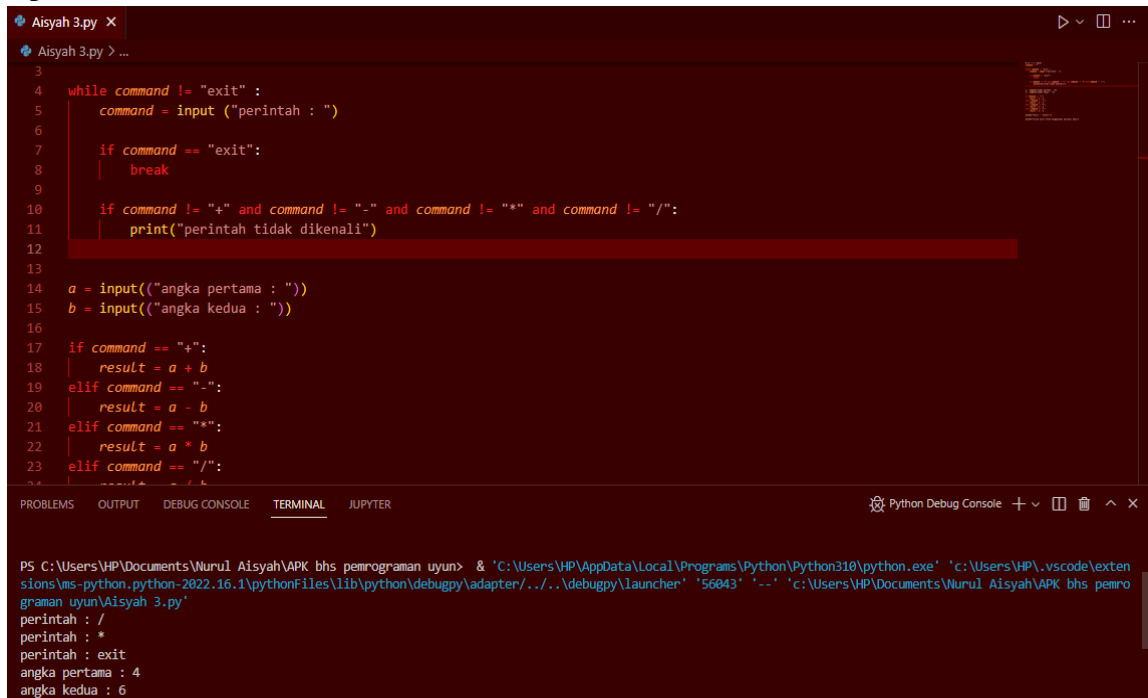
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masukkan angka tebakan (1-8): 4
masukkan angka tebakan (1-8): 7
masukkan angka tebakan (1-8): 8
selamat tebakan kamu benar
PS C:\Users\HP\Documents\Nurul Aisyah\APK bhs pemrograman uyun> |
```

6. Aplikasi kalkulator



```
Aisyah 3.py X
Aisyah 3.py > ...
3
4  while command != "exit":
5      command = input ("perintah : ")
6
7      if command == "exit":
8          break
9
10     if command != "+" and command != "-" and command != "*" and command != "/":
11         print("perintah tidak dikenali")
12
13
14     a = input(("angka pertama : "))
15     b = input(("angka kedua : "))
16
17     if command == "+":
18         result = a + b
19     elif command == "-":
20         result = a - b
21     elif command == "*":
22         result = a * b
23     elif command == "/":
24         result = a / b
25
26     print(f"hasil : {result}")

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Python Debug Console + - [ ] ^ x

PS C:\Users\HP\Documents\Nurul Aisyah\APK bhs pemrograman uyun> & 'C:\Users\HP\AppData\Local\Programs\Python\Python310\python.exe' 'c:\Users\HP\.vscode\extensions\ms-python.python-2022.16.1\pythonFiles\lib\python\debugpy\adapter\..\..\debugpy\launcher' '56043' '--' 'c:\Users\HP\Documents\Nurul Aisyah\APK bhs pemrograman uyun\Aisyah 3.py'
perintah : /
perintah : *
perintah : exit
angka pertama : 4
angka kedua : 6
```