

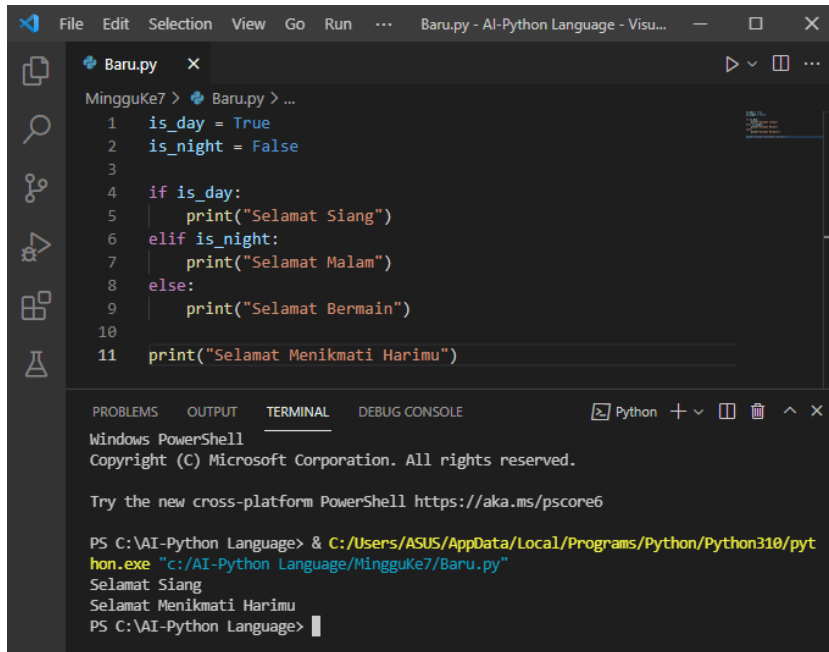
Nama : Mar'i Yustiardin

Kelas : AI-3B

NIM : 20.01.013.009

3.python-3

1. Percabangan if



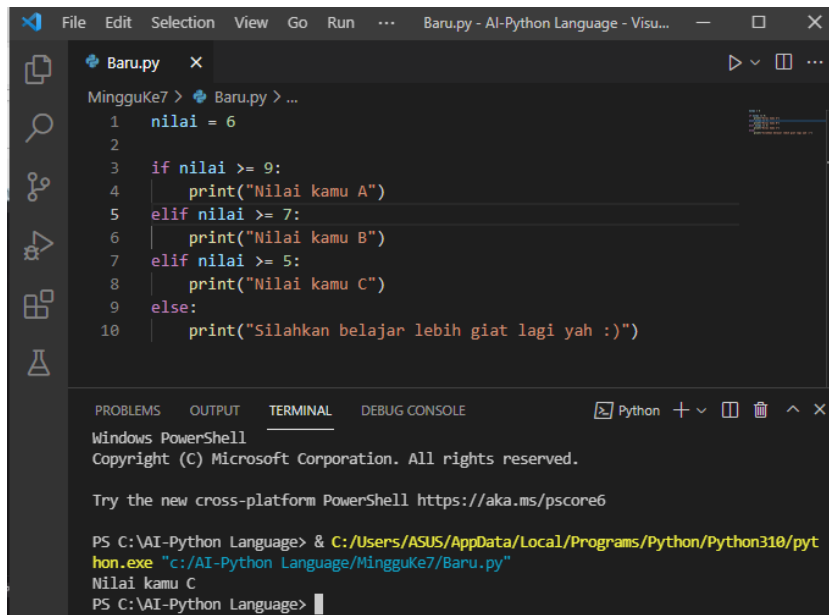
```
File Edit Selection View Go Run ... Baru.py - AI-Python Language - Visu...
Baru.py
MingguKe7 > Baru.py > ...
1 is_day = True
2 is_night = False
3
4 if is_day:
5     print("Selamat Siang")
6 elif is_night:
7     print("Selamat Malam")
8 else:
9     print("Selamat Bermain")
10
11 print("Selamat Menikmati Harimu")

PROBLEMS OUTPUT TERMINAL DEBUG CONSOLE Python + - - -
Windows PowerShell
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Try the new cross-platform PowerShell https://aka.ms/pscore6

PS C:\AI-Python Language> & C:/Users/ASUS/AppData/Local/Programs/Python/Python310/pyt
hon.exe "c:/AI-Python Language/MingguKe7/Baru.py"
Selamat Siang
Selamat Menikmati Harimu
PS C:\AI-Python Language>
```

2. Operator Perbandingan



```
File Edit Selection View Go Run ... Baru.py - AI-Python Language - Visu...
Baru.py
MingguKe7 > Baru.py > ...
1 nilai = 6
2
3 if nilai >= 9:
4     print("Nilai kamu A")
5 elif nilai >= 7:
6     print("Nilai kamu B")
7 elif nilai >= 5:
8     print("Nilai kamu C")
9 else:
10    print("Silahkan belajar lebih giat lagi yah :)")

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

PS C:\AI-Python Language> & C:/Users/ASUS/AppData/Local/Programs/Python/Python310/pyt
hon.exe "c:/AI-Python Language/MingguKe7/Baru.py"
Nilai kamu C
PS C:\AI-Python Language>
```

3. Operator Logika

The screenshot shows a Windows IDE with a menu bar (File, Edit, Selection, View, Go, Run, ...) and a toolbar. The main editor displays a Python script named `Baru.py` with the following code:

```
1 name = "Mar'i Yustiardin"
2 valid = True
3
4 if len(name) > 4 or valid:
5     print("Just Welcome")
6 else:
7     print("Nama Terlalu Singkat")
8
```

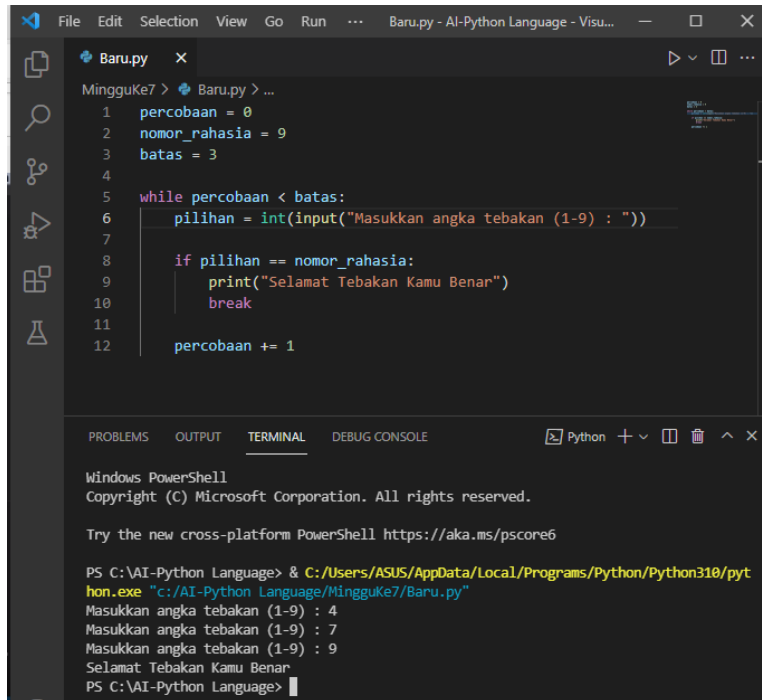
Below the editor is a terminal window with tabs for PROBLEMS, OUTPUT, TERMINAL, and DEBUG CONSOLE. The terminal shows the command prompt running the script:

```
PS C:\AI-Python Language> C:\Users\ASUS\AppData\Local\Programs\Python\Python310\python.exe "c:\AI-Python Language\MingguKe7\Baru.py"
Just Welcome
PS C:\AI-Python Language>
```

4. Perulangan While

[illegible]

5. Game Tebak Angka



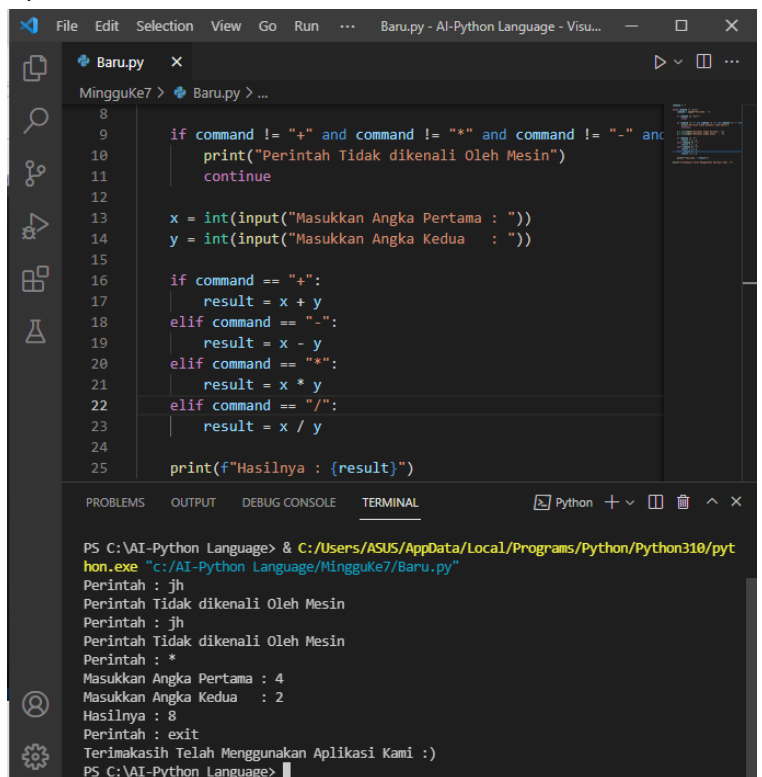
```
File Edit Selection View Go Run ... Baru.py - AI-Python Language - Visu...
Baru.py x
MingguKe7 > Baru.py > ...
1 percobaan = 0
2 nomor_rahasia = 9
3 batas = 3
4
5 while percobaan < batas:
6     pilihan = int(input("Masukkan angka tebak (1-9) : "))
7
8     if pilihan == nomor_rahasia:
9         print("Selamat Tebakan Kamu Benar")
10        break
11
12    percobaan += 1

PROBLEMS OUTPUT TERMINAL DEBUG CONSOLE Python + - v
Windows PowerShell
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Try the new cross-platform PowerShell https://aka.ms/pscore6

PS C:\AI-Python Language> & C:/Users/ASUS/AppData/Local/Programs/Python/Python310/pyt
hon.exe "c:/AI-Python Language/MingguKe7/Baru.py"
Masukkan angka tebak (1-9) : 4
Masukkan angka tebak (1-9) : 7
Masukkan angka tebak (1-9) : 9
Selamat Tebakan Kamu Benar
PS C:\AI-Python Language>
```

6. Aplikasi Kalkulator



```
File Edit Selection View Go Run ... Baru.py - AI-Python Language - Visu...
Baru.py x
MingguKe7 > Baru.py > ...
8
9     if command != "+" and command != "*" and command != "-" and
10        print("Perintah Tidak dikenali Oleh Mesin")
11        continue
12
13    x = int(input("Masukkan Angka Pertama : "))
14    y = int(input("Masukkan Angka Kedua : "))
15
16    if command == "+":
17        result = x + y
18    elif command == "-":
19        result = x - y
20    elif command == "*":
21        result = x * y
22    elif command == "/":
23        result = x / y
24
25    print(f"Hasilnya : {result}")

PROBLEMS OUTPUT DEBUG CONSOLE TERMINAL Python + - v
PS C:\AI-Python Language> & C:/Users/ASUS/AppData/Local/Programs/Python/Python310/pyt
hon.exe "c:/AI-Python Language/MingguKe7/Baru.py"
Perintah : jh
Perintah Tidak dikenali Oleh Mesin
Perintah : jh
Perintah Tidak dikenali Oleh Mesin
Perintah : *
Masukkan Angka Pertama : 4
Masukkan Angka Kedua : 2
Hasilnya : 8
Perintah : exit
Terimakasih Telah Menggunakan Aplikasi Kami :)
PS C:\AI-Python Language>
```