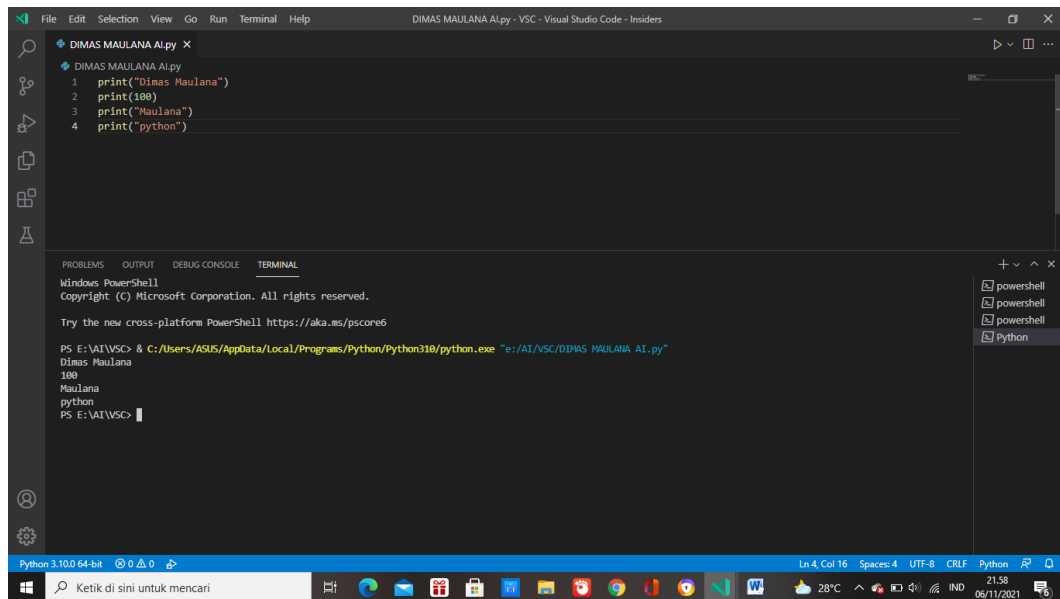


NAMA : M.DIMAS SAKTI MAULANA

NIM : 20.01.013.037

MATKUL: ARTIFICIAL INTELLIGENCE

1. Program Python Pertama



The screenshot shows the Visual Studio Code editor with a file named 'DIMAS MAULANA AI.py'. The code in the editor is as follows:

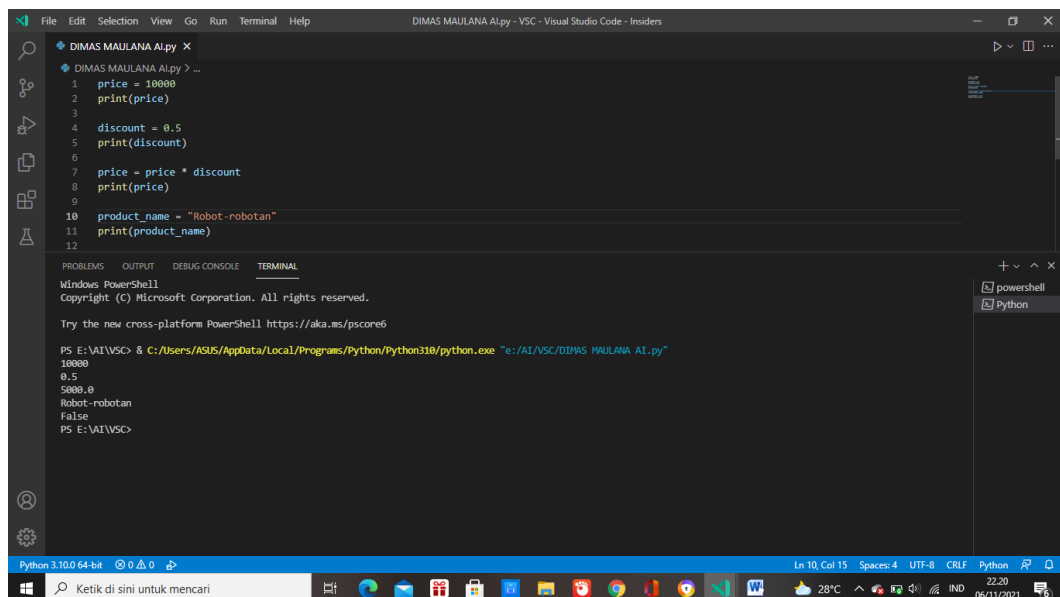
```
1 print("Dimas Maulana")
2 print(100)
3 print("Maulana")
4 print("python")
```

The terminal window at the bottom shows the command prompt running the script:

```
PS E:\AI\VSC> & C:/Users/ASUS/AppData/Local/Programs/Python/Python310/python.exe "e:/AI/VSC/DIMAS MAULANA AI.py"
Dimas Maulana
100
Maulana
python
PS E:\AI\VSC>
```

2. Variabel dan tipe data

*



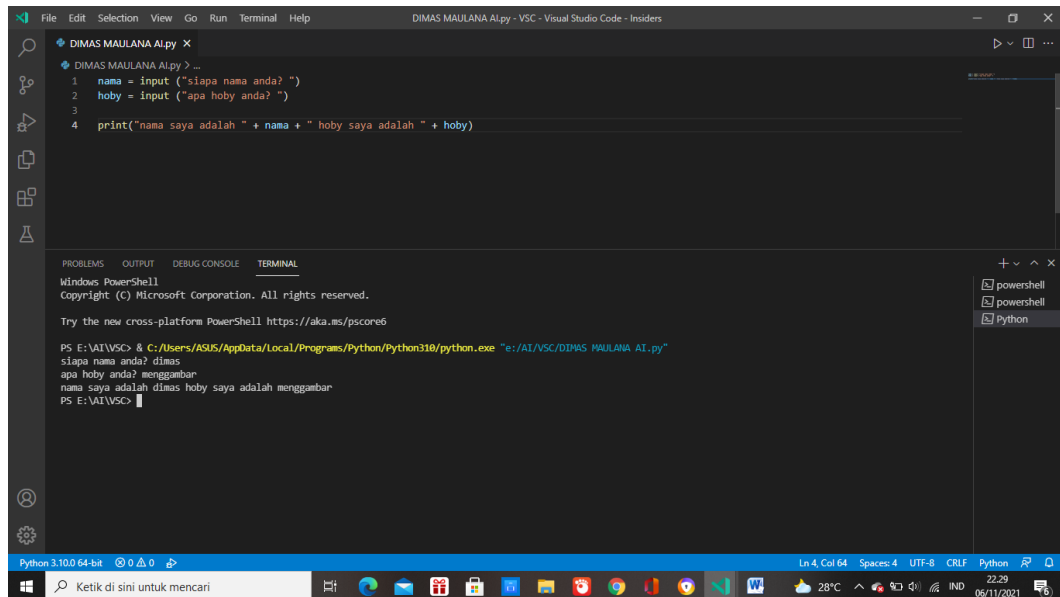
The screenshot shows the Visual Studio Code editor with a file named 'DIMAS MAULANA AI.py'. The code in the editor is as follows:

```
1 price = 10000
2 print(price)
3
4 discount = 0.5
5 print(discount)
6
7 price = price * discount
8 print(price)
9
10 product_name = "Robot-robotan"
11 print(product_name)
12
```

The terminal window at the bottom shows the command prompt running the script:

```
PS E:\AI\VSC> & C:/Users/ASUS/AppData/Local/Programs/Python/Python310/python.exe "e:/AI/VSC/DIMAS MAULANA AI.py"
10000
0.5
5000.0
Robot-robotan
False
PS E:\AI\VSC>
```

3. Menerima Input User

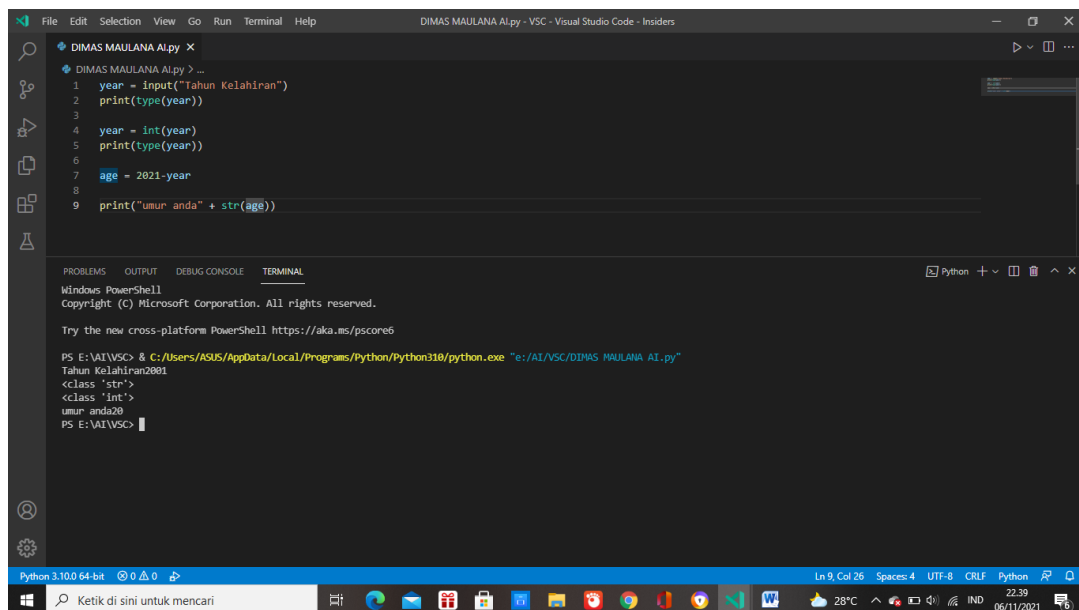


The screenshot shows the Visual Studio Code editor with a file named `DIMAS MAULANA Al.py`. The code in the editor is as follows:

```
1 nama = input ("siapa nama anda? ")
2 hoby = input ("apa hoby anda? ")
3
4 print("nama saya adalah " + nama + " hoby saya adalah " + hoby)
```

The terminal window at the bottom shows the execution of the script. The prompt is `PS E:\AI\VSC> & C:/Users/ASUS/AppData/Local/Programs/Python/Python310/python.exe "e:/AI/VSC/DIMAS MAULANA Al.py"`. The user inputs `dimas` for the name and `menggambar` for the hobby. The output is `nama saya adalah dimas hoby saya adalah menggambar`.

4. Type Conversion



The screenshot shows the Visual Studio Code editor with a file named `DIMAS MAULANA Al.py`. The code in the editor is as follows:

```
1 year = input("Tahun Kelahiran")
2 print(type(year))
3
4 year = int(year)
5 print(type(year))
6
7 age = 2021-year
8
9 print("umur anda" + str(age))
```

The terminal window at the bottom shows the execution of the script. The prompt is `PS E:\AI\VSC> & C:/Users/ASUS/AppData/Local/Programs/Python/Python310/python.exe "e:/AI/VSC/DIMAS MAULANA Al.py"`. The user inputs `Tahun Kelahiran2001`. The output shows the type of the input as `<class 'str'>` and the type after conversion as `<class 'int'>`. The final output is `umur anda20`.