

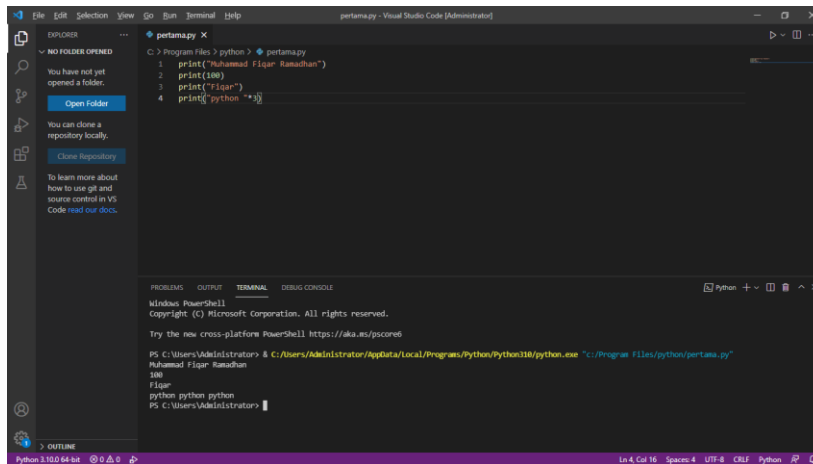
NAMA : MUHAMMAD FIQAR RAMADHAN

NIM : 20.01.013.034

KELAS : AI - B

1-Python 1

1. Program Python Pertama



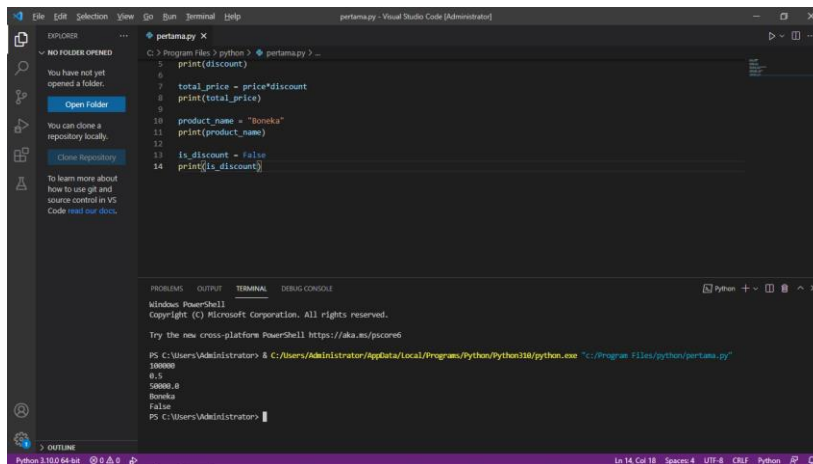
The screenshot shows the Visual Studio Code interface with a file named `pertamapy.py` open. The code in the editor is as follows:

```
1 print("Muhammad Fiqar Ramadhan")
2 print(100)
3 print("fiqar")
4 print("python")
```

The terminal output shows the execution of the program:

```
PS C:\Users\Administrator> C:\Users\Administrator\AppData\Local\Programs\Python\Python310\python.exe "C:\Program Files\python\pertama.py"
Muhammad Fiqar Ramadhan
100
fiqar
python python python
PS C:\Users\Administrator>
```

2. Variabel dan Tipe Data



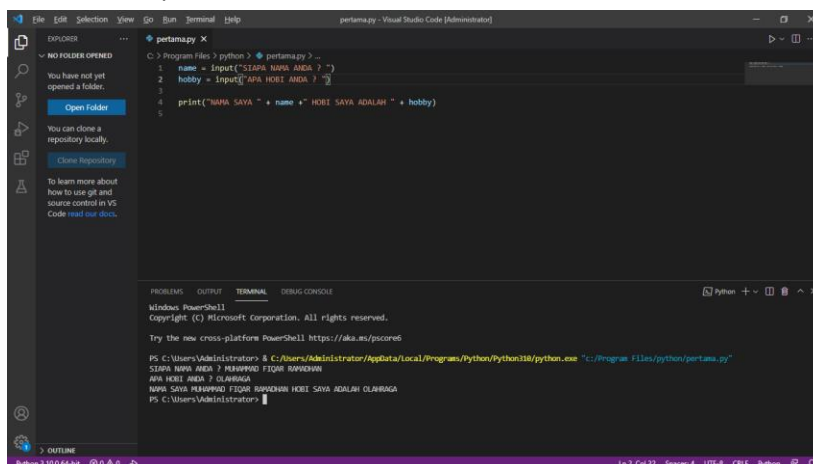
The screenshot shows the Visual Studio Code interface with a file named `pertamapy.py` open. The code in the editor is as follows:

```
1 print(discount)
2
3 total_price = price*discount
4 print(total_price)
5
6
7 product_name = "Boneka"
8 print(product_name)
9
10 is_discount = False
11 print(is_discount)
```

The terminal output shows the execution of the program:

```
PS C:\Users\Administrator> C:\Users\Administrator\AppData\Local\Programs\Python\Python310\python.exe "C:\Program Files\python\pertama.py"
100000
0.5
100000.0
Boneka
False
PS C:\Users\Administrator>
```

3. Menerima Input User



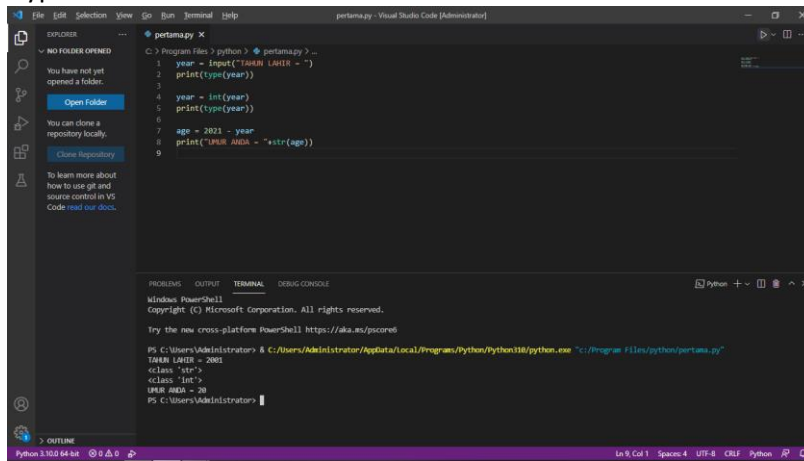
The screenshot shows the Visual Studio Code interface with a file named `pertamapy.py` open. The code in the editor is as follows:

```
1 name = input("SIAPA NAMA ANDA ? ")
2 hobby = input("APA HOBI ANDA ? ")
3
4 print("NAMA SAYA " + name + " HOBI SAYA ADALAH " + hobby)
```

The terminal output shows the execution of the program with user input:

```
PS C:\Users\Administrator> C:\Users\Administrator\AppData\Local\Programs\Python\Python310\python.exe "C:\Program Files\python\pertama.py"
SIAPA NAMA ANDA ? MUHAMMAD FIQAR RAMADHAN
APA HOBI ANDA ? CLIMING
NAMA SAYA MUHAMMAD FIQAR RAMADHAN HOBI SAYA ADALAH CLIMING
PS C:\Users\Administrator>
```

4. Type Conversion



The screenshot shows the Visual Studio Code editor with a file named `portanapy.py`. The code defines a function `year` that takes a string input, converts it to an integer, and prints its type. It then calls `year` with the string `"2021"` and prints the result. The terminal output shows the execution of the script, confirming the type conversion from string to integer.

```
portanapy.py
1 year = input("Enter: ")
2 print(type(year))
3
4 year = int(year)
5 print(type(year))
6
7 age = 2021 - year
8 print("YOUR AGE = {}".format(age))
9
```

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

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

PS C:\Users\Administrator> & C:\Users\Administrator\AppData\Local\Programs\Python\Python118\python.exe "c:/Program Files/python/portanapy.py"
Enter: 2021
2021
<class 'int'>
<class 'int'>
YOUR AGE = 20
PS C:\Users\Administrator>
```