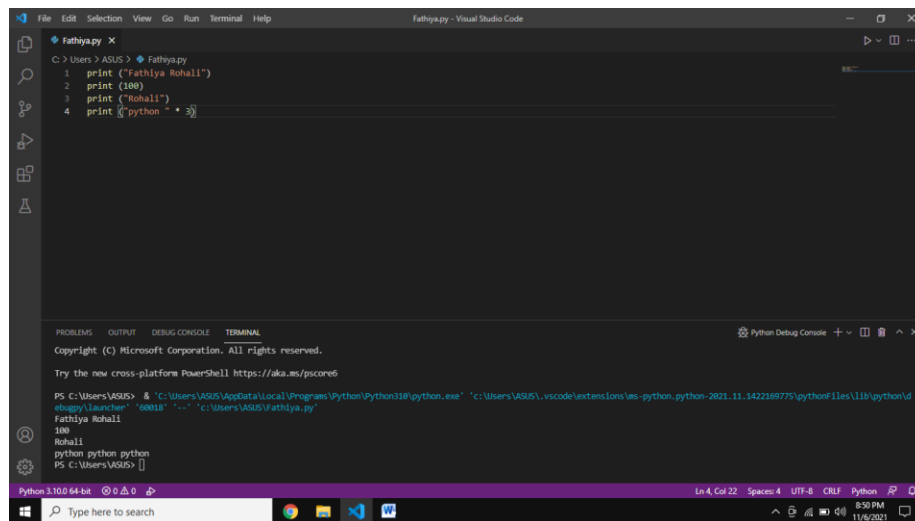


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## Tugas Python-1

### 1. Program Python Pertama



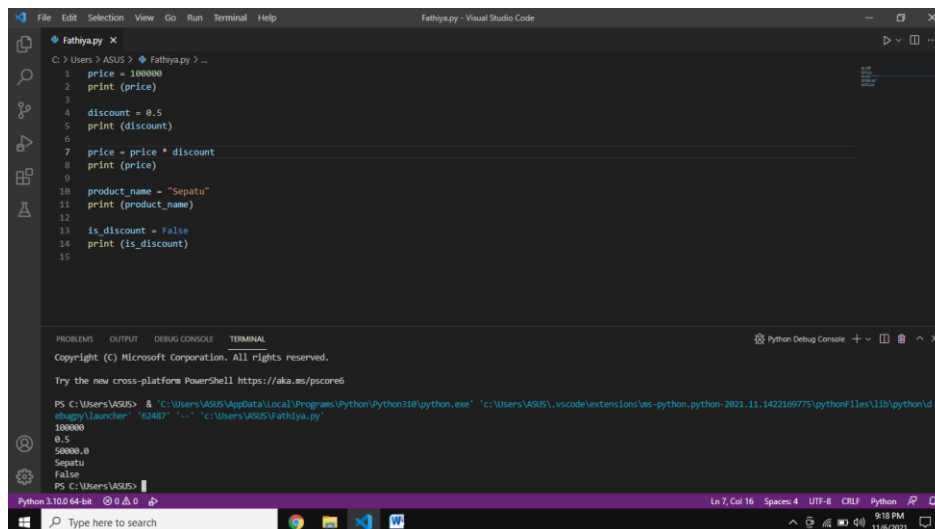
```
File Edit Selection View Go Run Terminal Help
Fathiya.py - Visual Studio Code

Fathiya.py X
C:\Users\ASUS> Fathiya.py
1 print ("Fathiya Rohali")
2 print (100)
3 print ("Rohali")
4 print ("python" + " ")

PROBLEMS OUTPUT DEBUG CONSOLE TERMINAL
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Try the new cross-platform PowerShell https://aka.ms/powershell

PS C:\Users\ASUS> & "C:\Users\ASUS\AppData\Local\Programs\Python\Python310\python.exe" "c:\Users\ASUS\.vscode\extensions\ms-python.python-2021.11.1422189775\pythonFiles\lib\python\debugpy\launcher" "60018" "-c" "c:\Users\ASUS\Fathiya.py"
Fathiya Rohali
100
Rohali
python python python
PS C:\Users\ASUS>
```

### 2. Variable dan tipe data



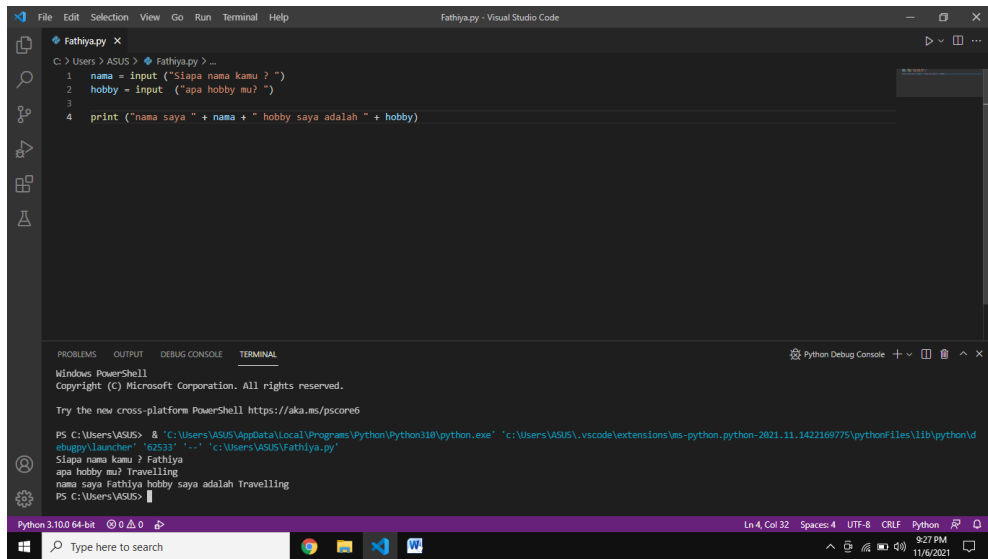
```
File Edit Selection View Go Run Terminal Help
Fathiya.py - Visual Studio Code

Fathiya.py X
C:\Users\ASUS> Fathiya.py
1 price = 100000
2 print (price)
3
4 discount = 0.5
5 print (discount)
6
7 price = price * discount
8 print (price)
9
10 product_name = "Sepatu"
11 print (product_name)
12
13 is_discount = False
14 print (is_discount)
15

PROBLEMS OUTPUT DEBUG CONSOLE TERMINAL
Copyright (C) Microsoft Corporation. All rights reserved.
Try the new cross-platform PowerShell https://aka.ms/powershell

PS C:\Users\ASUS> & "C:\Users\ASUS\AppData\Local\Programs\Python\Python310\python.exe" "c:\Users\ASUS\.vscode\extensions\ms-python.python-2021.11.1422189775\pythonFiles\lib\python\debugpy\launcher" "60487" "-c" "c:\Users\ASUS\Fathiya.py"
100000
0.5
50000.0
Sepatu
False
PS C:\Users\ASUS>
```

### 3. Menerima Input User



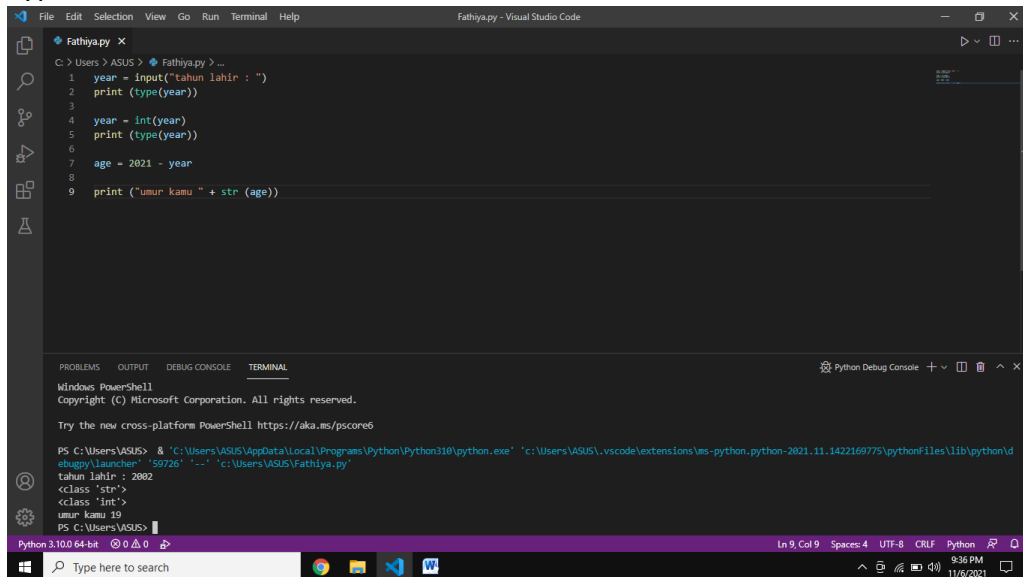
The screenshot shows the Visual Studio Code editor with a file named `Fathiyapy.py` open. The code in the editor is as follows:

```
1 nama = input("Siapa nama kamu ? ")
2 hobby = input("apa hobby mu? ")
3
4 print("nama saya " + nama + " hobby saya adalah " + hobby)
```

The terminal window at the bottom shows the execution of the script. It displays the Windows PowerShell prompt, the file path, and the output of the program:

```
PS C:\Users\ASUS> & 'C:\Users\ASUS\AppData\Local\Programs\Python\Python310\python.exe' 'c:\Users\ASUS\.vscode\extensions\ms-python.python-2021.11.1422169775\pythonFiles\lib\python\d
ebuggy\launcher' '62533' '-.' 'c:\Users\ASUS\Fathiyapy.py'
Siapa nama kamu ? Fathiya
apa hobby mu? Travelling
nama saya Fathiya hobby saya adalah Travelling
PS C:\Users\ASUS>
```

#### 4. Type Conversion



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

```
1 year = input("tahun lahir : ")
2 print(type(year))
3
4 year = int(year)
5 print(type(year))
6
7 age = 2021 - year
8
9 print("umur kamu " + str(age))
```

The terminal window at the bottom shows the execution of the script. It displays the Windows PowerShell prompt, the file path, and the output of the program, including the type of the variables:

```
PS C:\Users\ASUS> & 'C:\Users\ASUS\AppData\Local\Programs\Python\Python310\python.exe' 'c:\Users\ASUS\.vscode\extensions\ms-python.python-2021.11.1422169775\pythonFiles\lib\python\d
ebuggy\launcher' '59726' '-.' 'c:\Users\ASUS\Fathiyapy.py'
tahun lahir : 2002
<class 'str'>
<class 'int'>
umur kamu 19
PS C:\Users\ASUS>
```