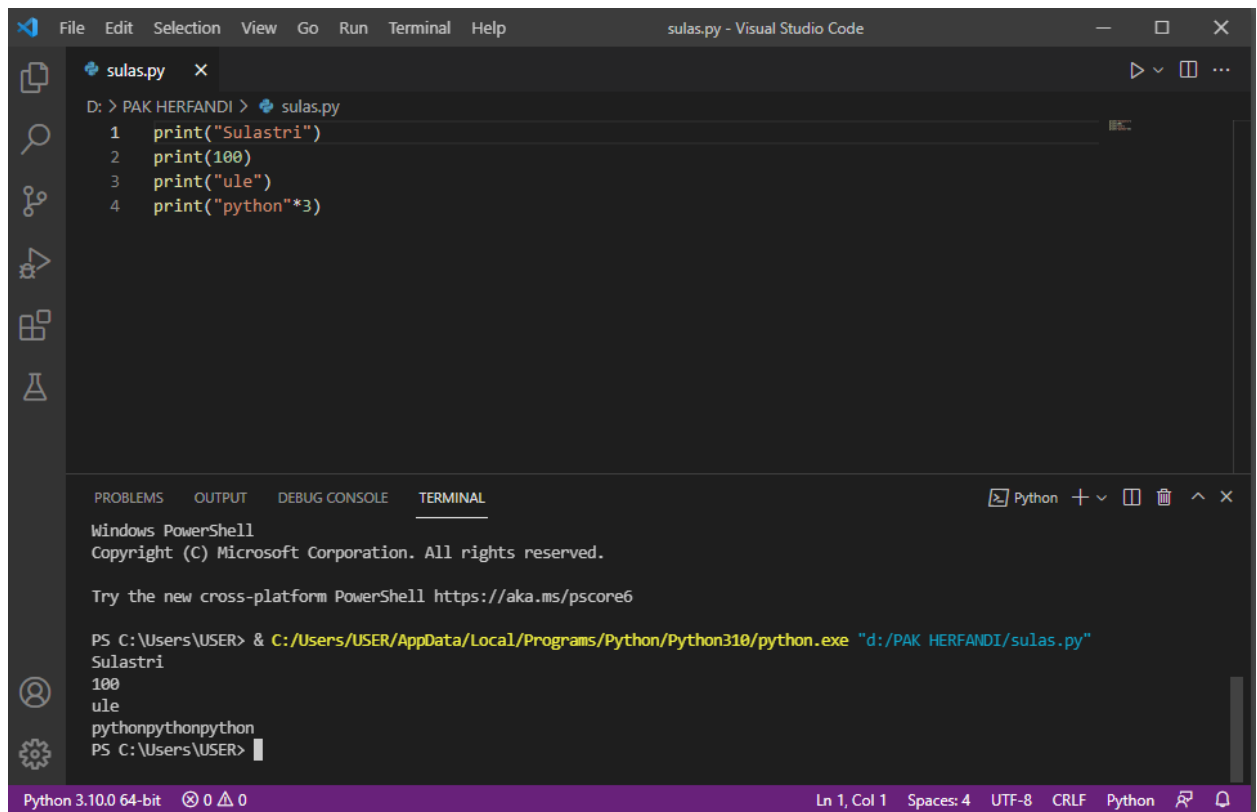


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## 1-PYTHON 1

### 1. Program Python Pertama



The image shows a screenshot of the Visual Studio Code editor. The main editor window displays a Python file named `sulas.py` with the following code:

```
1 print("Sulastri")
2 print(100)
3 print("ule")
4 print("python"*3)
```

Below the editor, the TERMINAL panel is open, showing the execution of the script. The terminal output is as follows:

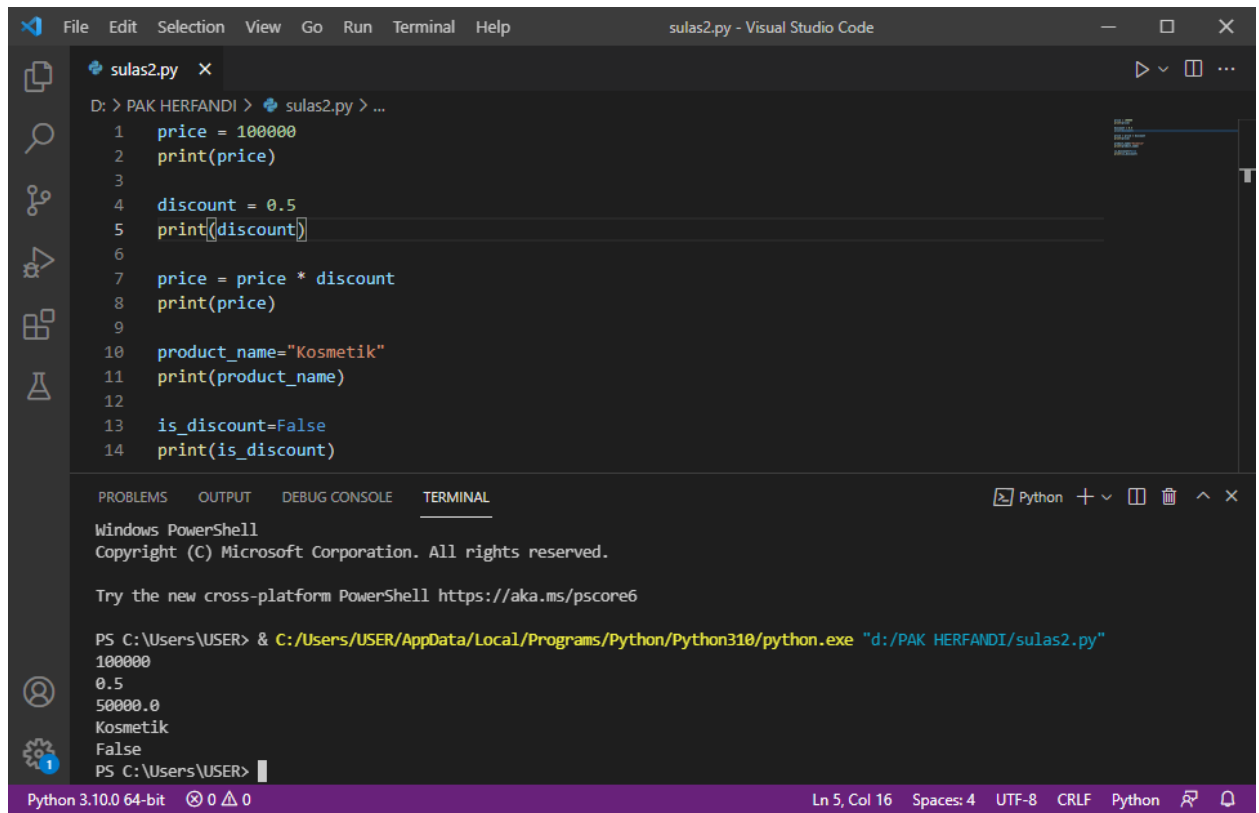
```
Windows PowerShell
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PS C:\Users\USER> & C:/Users/USER/AppData/Local/Programs/Python/Python310/python.exe "d:/PAK HERFANDI/sulas.py"
Sulastri
100
ule
pythonpythonpython
PS C:\Users\USER>
```

The status bar at the bottom indicates the Python version is 3.10.0 64-bit, and the file encoding is UTF-8.

## 1. Variable dan tipe data



The image shows a Visual Studio Code window with a Python file named `sulas2.py` open. The code in the file is as follows:

```
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="Kosmetik"
11 print(product_name)
12
13 is_discount=False
14 print(is_discount)
```

Below the code editor, the **TERMINAL** panel is active, showing the output of running the script. The terminal text is:

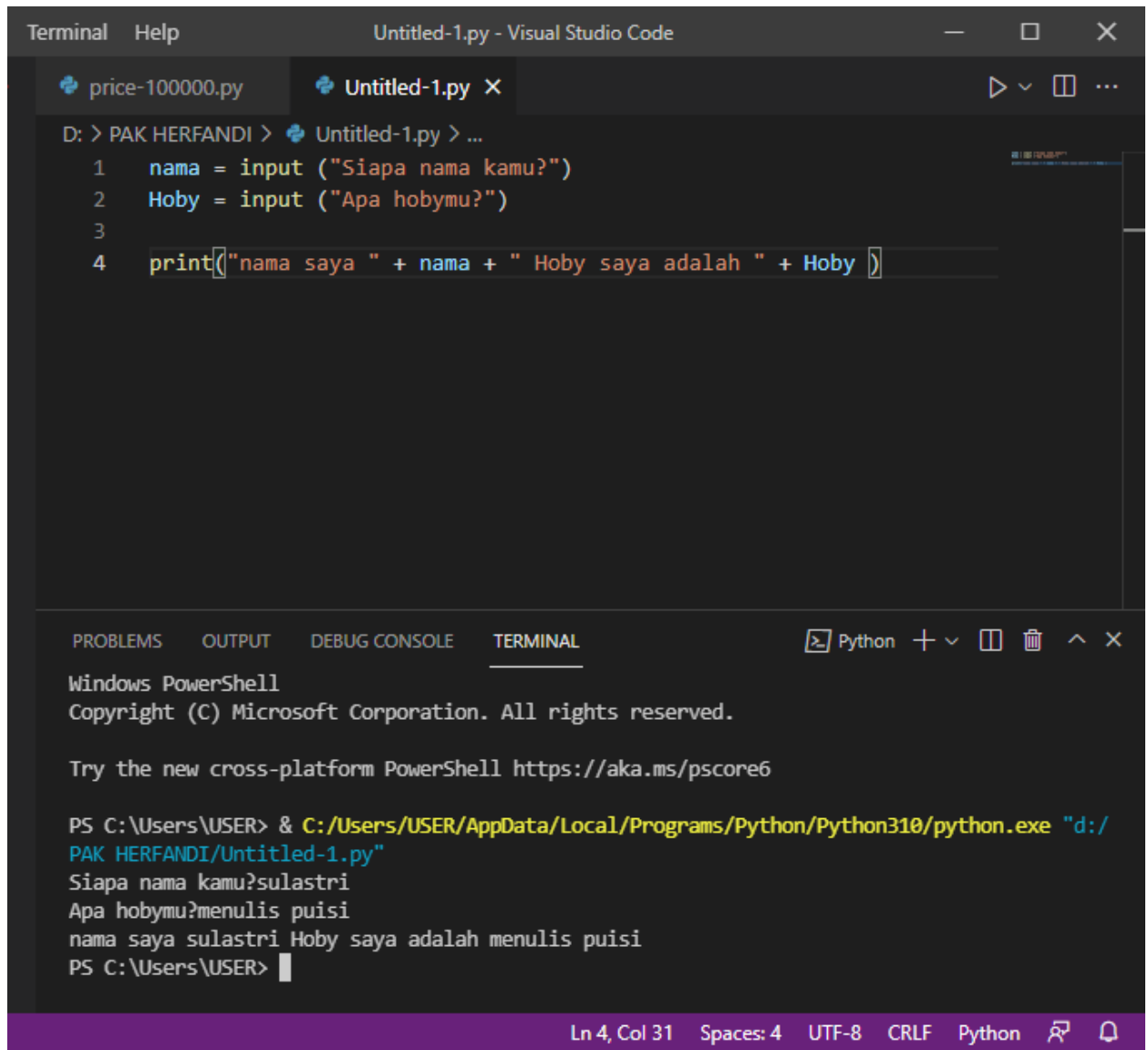
```
Windows PowerShell
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PS C:\Users\USER> & C:/Users/USER/AppData/Local/Programs/Python/Python310/python.exe "d:/PAK HERFANDI/sulas2.py"
100000
0.5
50000.0
Kosmetik
False
PS C:\Users\USER>
```

The status bar at the bottom of the window indicates the file is a Python 3.10.0 64-bit script, with 0 errors and 0 warnings. The current cursor position is at line 5, column 16, using 4 spaces, UTF-8 encoding, and CRLF line endings.

## 2. Menerima Input User



The image shows a Visual Studio Code window with a Python file named 'Untitled-1.py' open. The code in the file is as follows:

```
D: > PAK HERFANDI > Untitled-1.py > ...
1  nama = input ("Siapa nama kamu?")
2  Hoby = input ("Apa hobymu?")
3
4  print("nama saya " + nama + " Hoby saya adalah " + Hoby )
```

Below the code editor, the 'TERMINAL' panel is active, showing the execution of the script in a Windows PowerShell environment. The output is as follows:

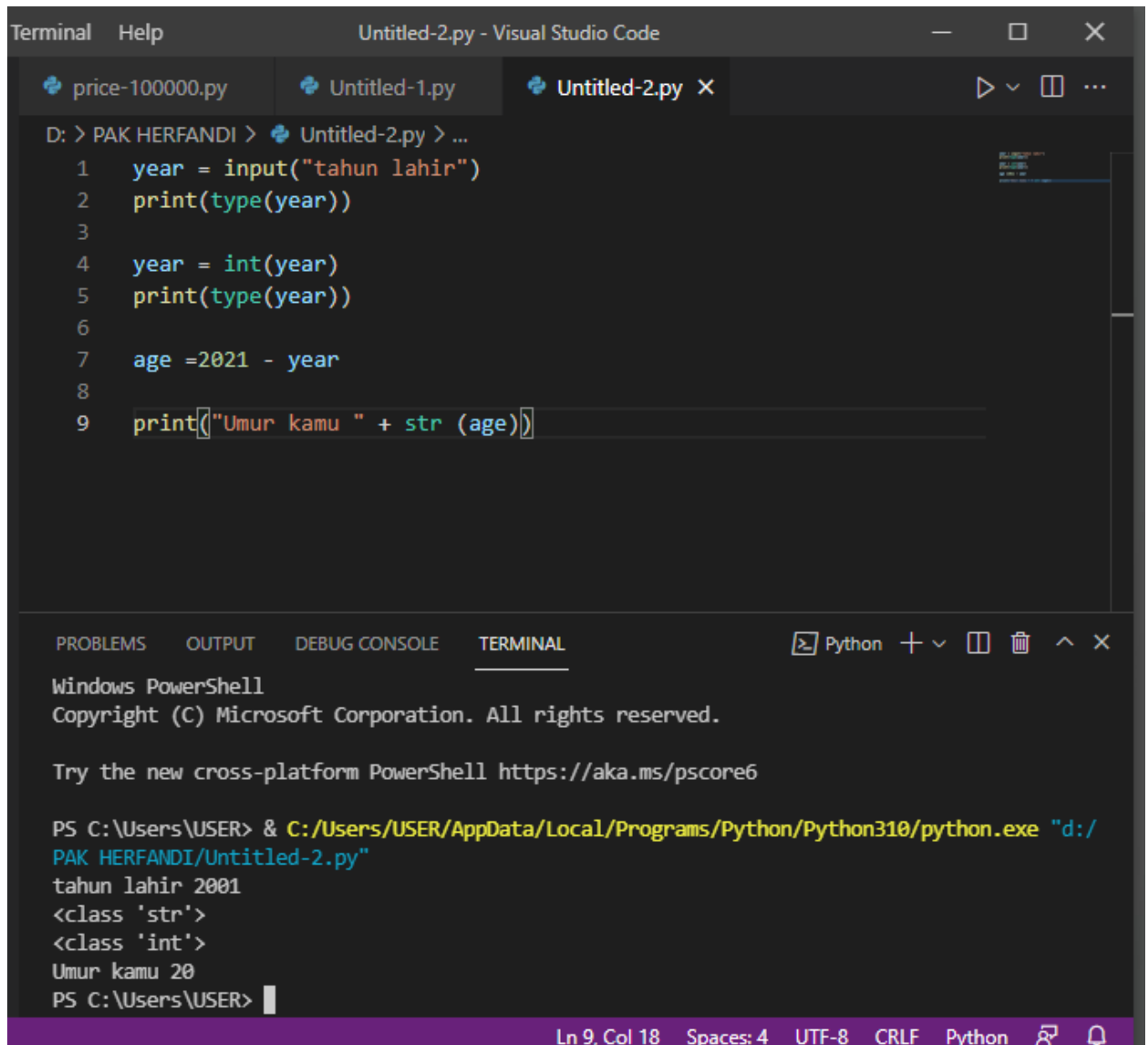
```
Windows PowerShell
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Try the new cross-platform PowerShell https://aka.ms/pscore6

PS C:\Users\USER> & C:/Users/USER/AppData/Local/Programs/Python/Python310/python.exe "d:/PAK HERFANDI/Untitled-1.py"
Siapa nama kamu?sulastri
Apa hobymu?menulis puisi
nama saya sulastri Hoby saya adalah menulis puisi
PS C:\Users\USER>
```

The status bar at the bottom of the window indicates the current position is 'Ln 4, Col 31', with 'Spaces: 4', 'UTF-8' encoding, 'CRLF' line endings, and the file is a 'Python' script.

### 3. Type Conversion



The image shows a Visual Studio Code editor window with a Python file named 'Untitled-2.py'. The code in the file is as follows:

```
D: > PAK HERFANDI > Untitled-2.py > ...
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))
```

Below the editor, the 'TERMINAL' panel is open, showing the execution of the script using Windows PowerShell. The output of the script is displayed:

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

PS C:\Users\USER> & C:/Users/USER/AppData/Local/Programs/Python/Python310/python.exe "d:/PAK HERFANDI/Untitled-2.py"
tahun lahir 2001
<class 'str'>
<class 'int'>
Umur kamu 20
PS C:\Users\USER>
```

The status bar at the bottom of the terminal indicates the current cursor position: 'Ln 9, Col 18', 'Spaces: 4', 'UTF-8', 'CRLF', 'Python', and a search icon.