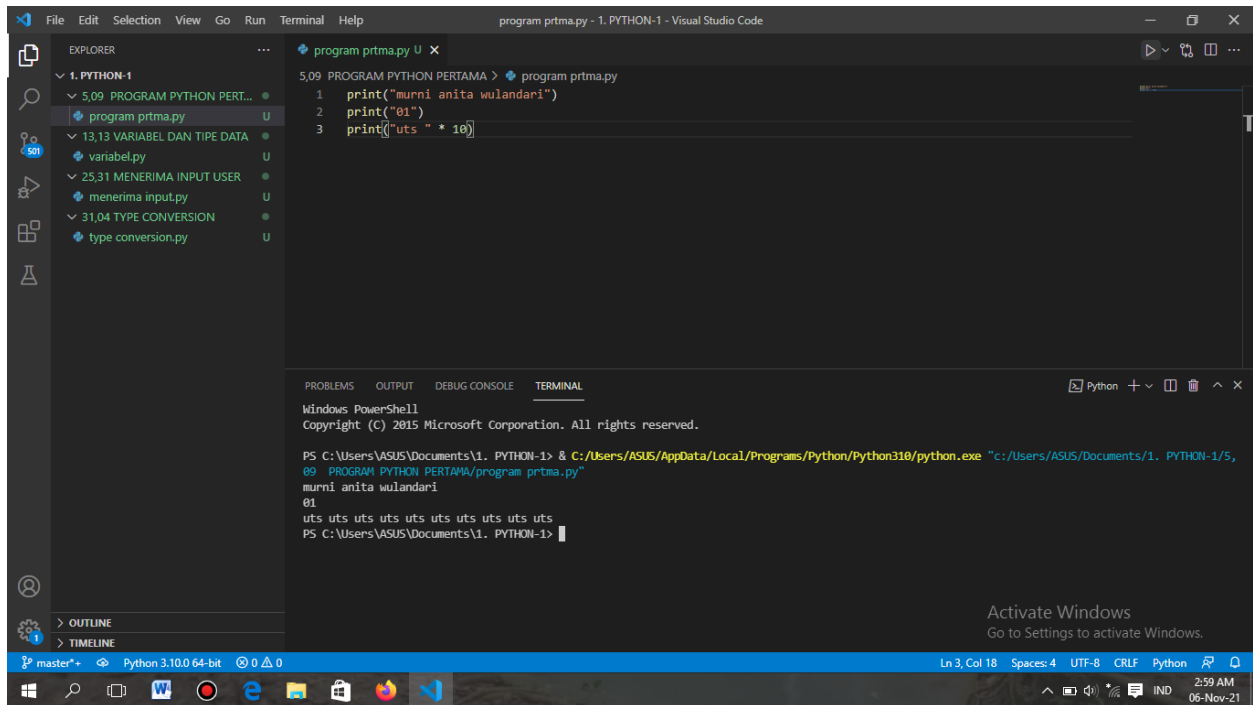


1. Membuat program pertama



The screenshot shows the Visual Studio Code interface with a file explorer on the left containing a project named '1. PYTHON-1'. The main editor displays a file named 'program prtma.py' with the following code:

```
5,09 PROGRAM PYTHON PERTAMA > program prtma.py
1 print("murni anita wulandari")
2 print("01")
3 print("uts " * 10)
```

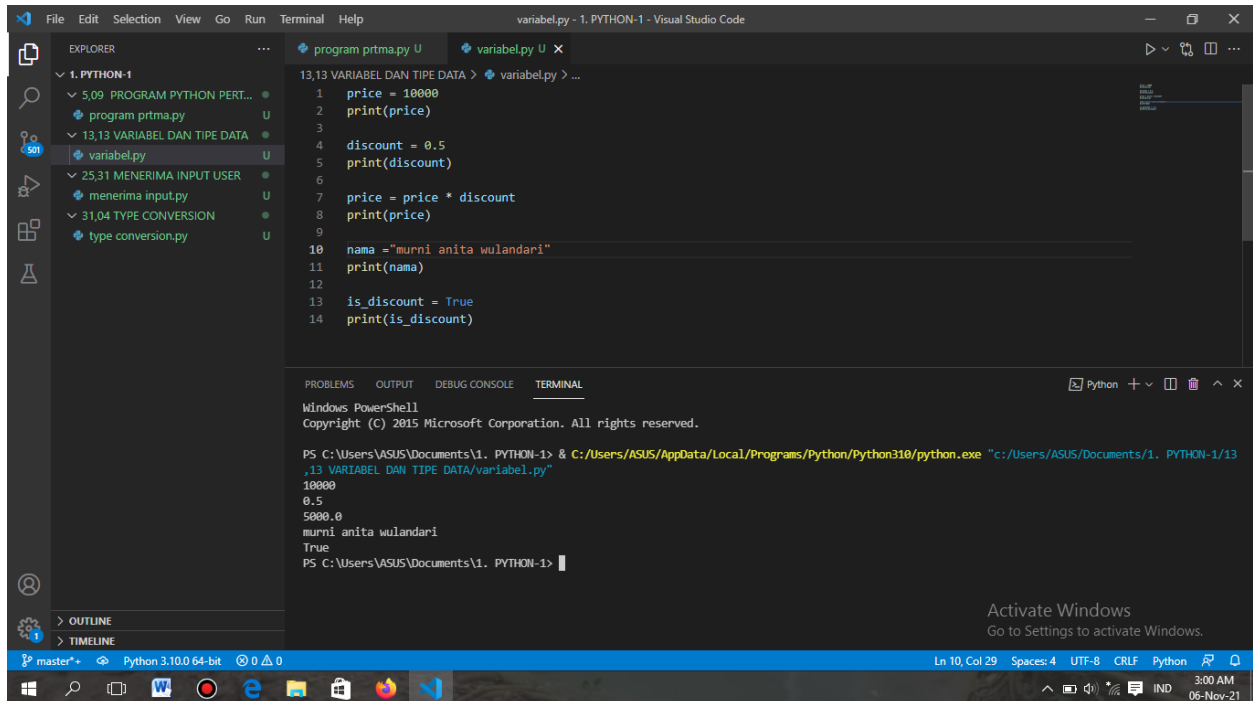
The terminal at the bottom shows the command prompt output:

```
Windows PowerShell
Copyright (C) 2015 Microsoft Corporation. All rights reserved.

PS C:\Users\ASUS\Documents\1. PYTHON-1> & C:/Users/ASUS/AppData/Local/Programs/Python/Python310/python.exe "c:/Users/ASUS/Documents/1. PYTHON-1/5,09 PROGRAM PYTHON PERTAMA/program prtma.py"
murni anita wulandari
01
uts uts uts uts uts uts uts uts
PS C:\Users\ASUS\Documents\1. PYTHON-1>
```

The status bar at the bottom indicates the file is 'Ln 3, Col 18' and the Python interpreter is 'Python 3.10.0 64-bit'.

2. Variabel



The screenshot shows the Visual Studio Code interface with the file explorer on the left. The main editor displays a file named 'variabel.py' with the following code:

```
13,13 VARIABEL DAN TIPE DATA > variabel.py > ...
1 price = 10000
2 print(price)
3
4 discount = 0.5
5 print(discount)
6
7 price = price * discount
8 print(price)
9
10 nama = "murni anita wulandari"
11 print(nama)
12
13 is_discount = True
14 print(is_discount)
```

The terminal at the bottom shows the command prompt output:

```
Windows PowerShell
Copyright (C) 2015 Microsoft Corporation. All rights reserved.

PS C:\Users\ASUS\Documents\1. PYTHON-1> & C:/Users/ASUS/AppData/Local/Programs/Python/Python310/python.exe "c:/Users/ASUS/Documents/1. PYTHON-1/13,13 VARIABEL DAN TIPE DATA/variabel.py"
10000
0.5
5000.0
murni anita wulandari
True
PS C:\Users\ASUS\Documents\1. PYTHON-1>
```

The status bar at the bottom indicates the file is 'Ln 10, Col 29' and the Python interpreter is 'Python 3.10.0 64-bit'.

3. Menerima input

The screenshot shows the Visual Studio Code interface with a file explorer on the left containing a project named '1. PYTHON-1'. The file 'menerima input.py' is selected. The editor displays the following Python code:

```
1 nama = input("siapa nama kamu? ")
2 sentence = nama + " ayoo belajar python "
3 print(sentence)
4
5 nama = input("siapa nama kamu? ")
6 hobby = input("hobimu yaitu? ")
7 print(nama + "hobimu yaitu " + hobby)
8
```

The terminal at the bottom shows the execution of the script using Python 3.10.0. The user provides input for their name and hobby, which are then concatenated and printed.

```
Windows PowerShell
Copyright (C) 2015 Microsoft Corporation. All rights reserved.

PS C:\Users\ASUS\Documents\1. PYTHON-1> & C:/Users/ASUS/AppData/Local/Programs/Python/Python310/python.exe "c:/Users/ASUS/Documents/1. PYTHON-1/25,31 MENERIMA INPUT USER/menerima input.py"
siapa nama kamu? murni anita wulandari
murni anita wulandari ayoo belajar python
siapa nama kamu? murni anita wulandari
hobimu yaitu? membaca buku
murni anita wulandarihobimu yaitu membaca buku
PS C:\Users\ASUS\Documents\1. PYTHON-1>
```

4. Type conversion

The screenshot shows the Visual Studio Code interface with a file explorer on the left containing a project named '1. PYTHON-1'. The file 'type conversion.py' is selected. The editor displays the following Python code:

```
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("umun kamu " + str(age))
```

The terminal at the bottom shows the execution of the script using Python 3.10.0. The user provides input for their birth year, which is then converted to an integer and used in a calculation. The result is converted back to a string for concatenation.

```
Windows PowerShell
Copyright (C) 2015 Microsoft Corporation. All rights reserved.

PS C:\Users\ASUS\Documents\1. PYTHON-1> & C:/Users/ASUS/AppData/Local/Programs/Python/Python310/python.exe "c:/Users/ASUS/Documents/1. PYTHON-1/31,04 TYPE CONVERSION/type conversion.py"
tahun lahir : 2001
<class 'str'>
<class 'int'>
umun kamu 20
PS C:\Users\ASUS\Documents\1. PYTHON-1>
```