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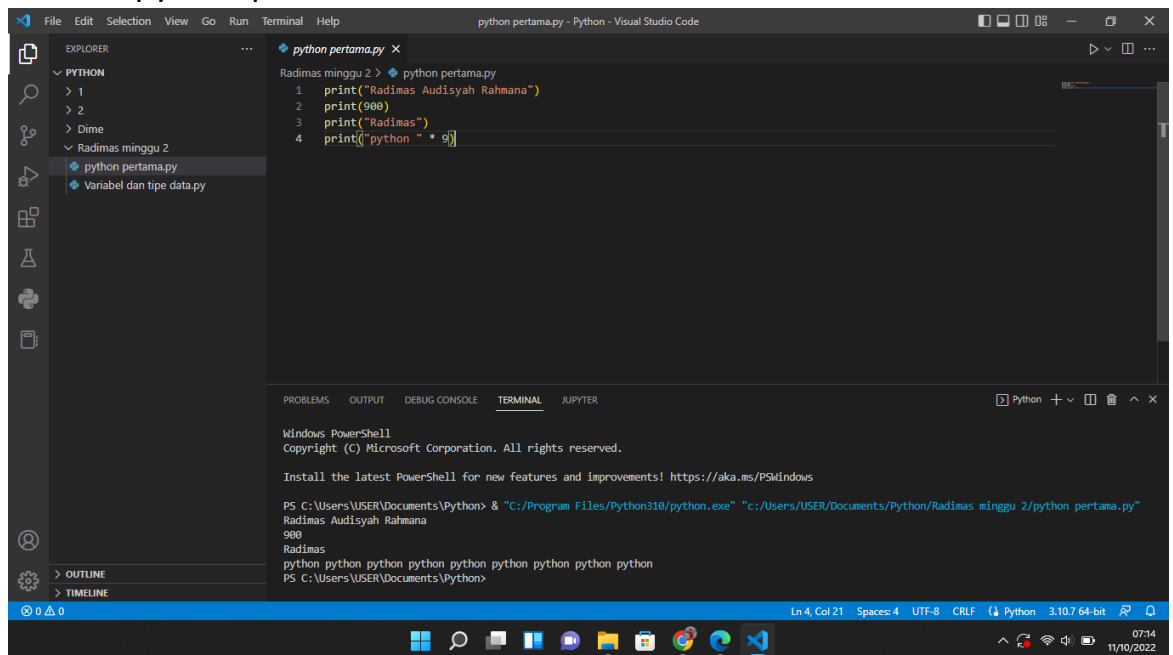
Tugas ke – 7

PY 1

Tema :

- Tutorial python pertama
- Variabel dan tipe data
- Menerima input user
- Type conversion

1. Tutorial python pertama



The screenshot shows the Visual Studio Code interface. The Explorer panel on the left shows a project structure with a folder named 'Radimas minggu 2' containing two files: 'python pertama.py' and 'Variabel dan tipe data.py'. The main editor window displays the content of 'python pertama.py', which contains the following code:

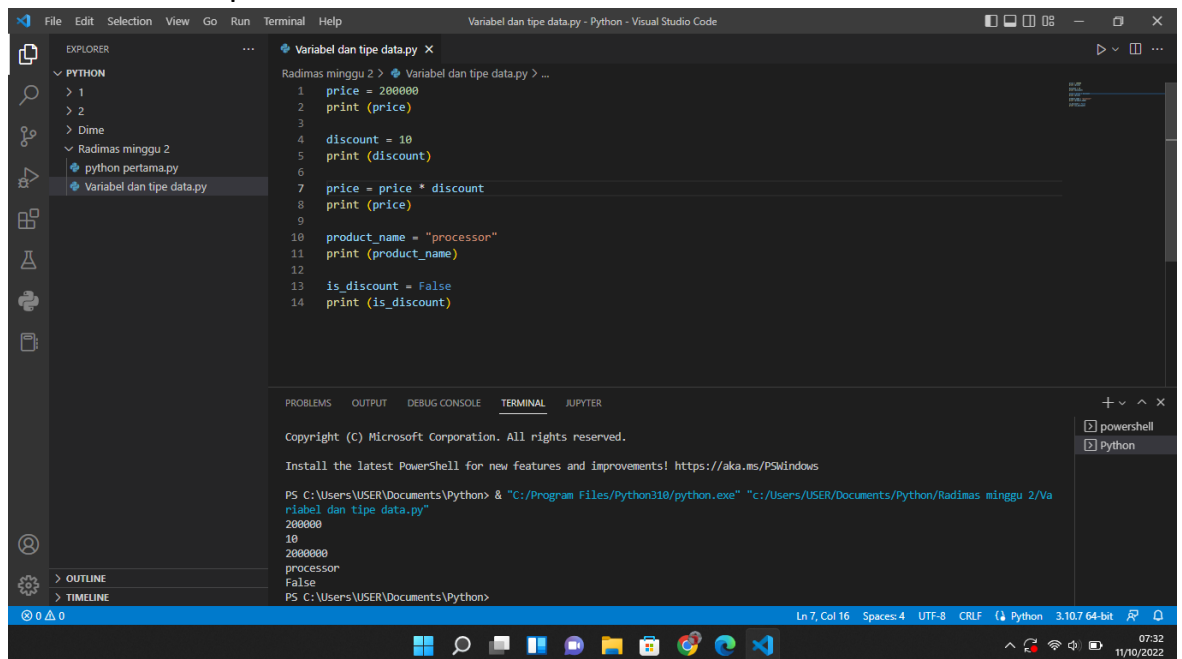
```
1 print("Radimas Audisyah Rahmana")
2 print(900)
3 print("Radimas")
4 print("python " + "g")
```

The Terminal panel at the bottom shows the output of running the script. The command prompt is 'PS C:\Users\USER\Documents\Python> & "C:\Program Files\Python310\python.exe" "c:\Users\USER\Documents\Python\Radimas minggu 2\python pertama.py"'. The output is:

```
Radimas Audisyah Rahmana
900
Radimas
python python python python python python python python
```

The status bar at the bottom indicates the file is 'Ln 4, Col 21', the encoding is 'UTF-8', the line ending is 'CRLF', and the Python version is 'Python 3.10.7 64-bit'.

2. Variabel dan tipe data



The screenshot shows the Visual Studio Code interface with a Python file named 'Variabel dan tipe data.py'. The code defines variables for price, discount, product name, and a boolean for discount status. The terminal output shows the execution results.

```
Radimas minggu 2 > Variabel dan tipe data.py > ...
1 price = 200000
2 print (price)
3
4 discount = 10
5 print (discount)
6
7 price = price * discount
8 print (price)
9
10 product_name = "processor"
11 print (product_name)
12
13 is_discount = False
14 print (is_discount)
```

PROBLEMS OUTPUT DEBUG CONSOLE TERMINAL JUPYTER

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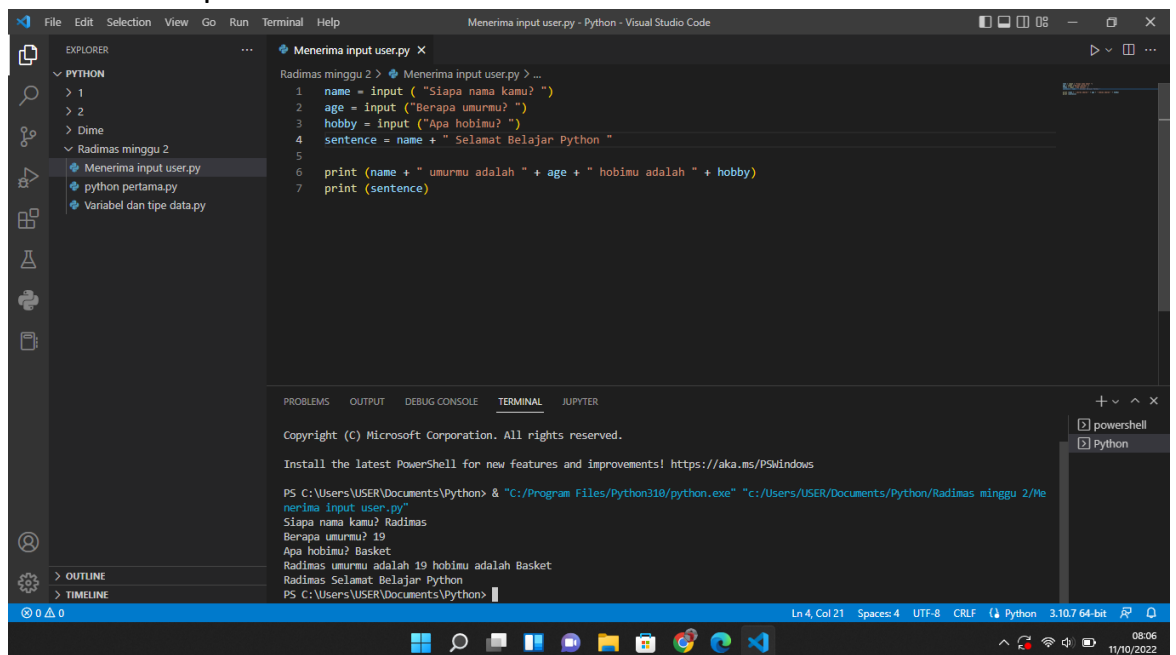
PS C:\Users\USER\Documents\Python> & "C:/Program Files/Python310/python.exe" "c:/Users/USER/Documents/Python/Radimas minggu 2/Variabel dan tipe data.py"

200000
10
2000000
processor
False

PS C:\Users\USER\Documents\Python>

Ln 7, Col 16 Spaces: 4 UTF-8 CRLF Python 3.10.7 64-bit

3. Menerima input user



The screenshot shows the Visual Studio Code interface with a Python file named 'Menerima input user.py'. The code prompts the user for name, age, and hobby, then prints a formatted sentence. The terminal output shows the user input and the resulting sentence.

```
Radimas minggu 2 > Menerima input user.py > ...
1 name = input ( "Siapa nama kamu? ")
2 age = input ("Berapa umurmu? ")
3 hobby = input ("Apa hobimu? ")
4 sentence = name + " Selamat Belajar Python "
5
6 print (name + " umurmu adalah " + age + " hobimu adalah " + hobby)
7 print (sentence)
```

PROBLEMS OUTPUT DEBUG CONSOLE TERMINAL JUPYTER

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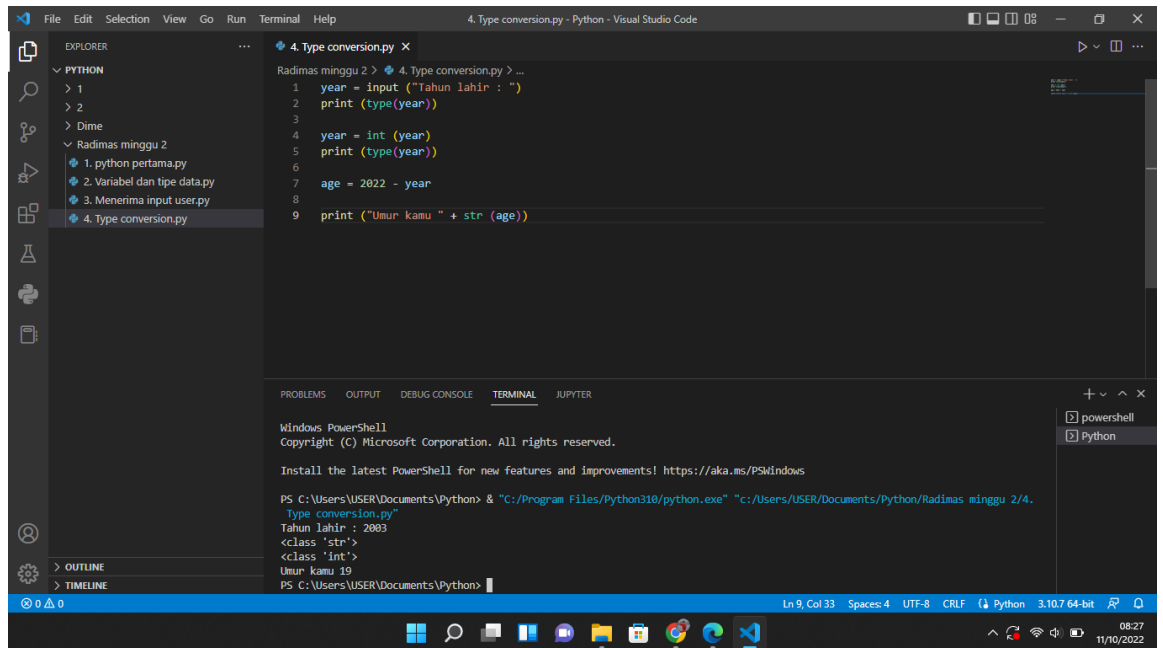
PS C:\Users\USER\Documents\Python> & "C:/Program Files/Python310/python.exe" "c:/Users/USER/Documents/Python/Radimas minggu 2/Menerima input user.py"

Siapa nama kamu? Radimas
Berapa umurmu? 19
Apa hobimu? Basket
Radimas umurmu adalah 19 hobimu adalah Basket
Radimas Selamat Belajar Python

PS C:\Users\USER\Documents\Python>

Ln 4, Col 21 Spaces: 4 UTF-8 CRLF Python 3.10.7 64-bit

4.Type conversion



The screenshot displays the Visual Studio Code interface with a Python file named `4. Type conversion.py` open. The file contains a script that takes a birth year as input, converts it to an integer, calculates the age (2022 minus the birth year), and prints the result as a string.

```
Radimas minggu 2 > 4. Type conversion.py > ...
1  year = input ("Tahun lahir : ")
2  print (type(year))
3
4  year = int (year)
5  print (type(year))
6
7  age = 2022 - year
8
9  print ("Umur kamu " + str (age))
```

The terminal window shows the execution of the script. It prompts for the birth year, displays the type of the input, and then prints the calculated age.

```
Windows PowerShell
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PS C:\Users\USER\Documents\Python> & "C:/Program Files/Python310/python.exe" "c:/Users/USER/Documents/Python/Radimas minggu 2/4.
Type conversion.py"
Tahun lahir : 2003
<class 'str'>
<class 'int'>
Umur kamu 19
PS C:\Users\USER\Documents\Python>
```

The status bar at the bottom indicates the current line and column (Ln 9, Col 33), the file encoding (UTF-8), the line ending (CRLF), the Python interpreter (Python 3.10.7 64-bit), and the system time (08:27, 11/10/2022).