

PYTHON #1 (ARTIFICIAL INTELLIGENCE)

ANGGA DWI WIBOWO

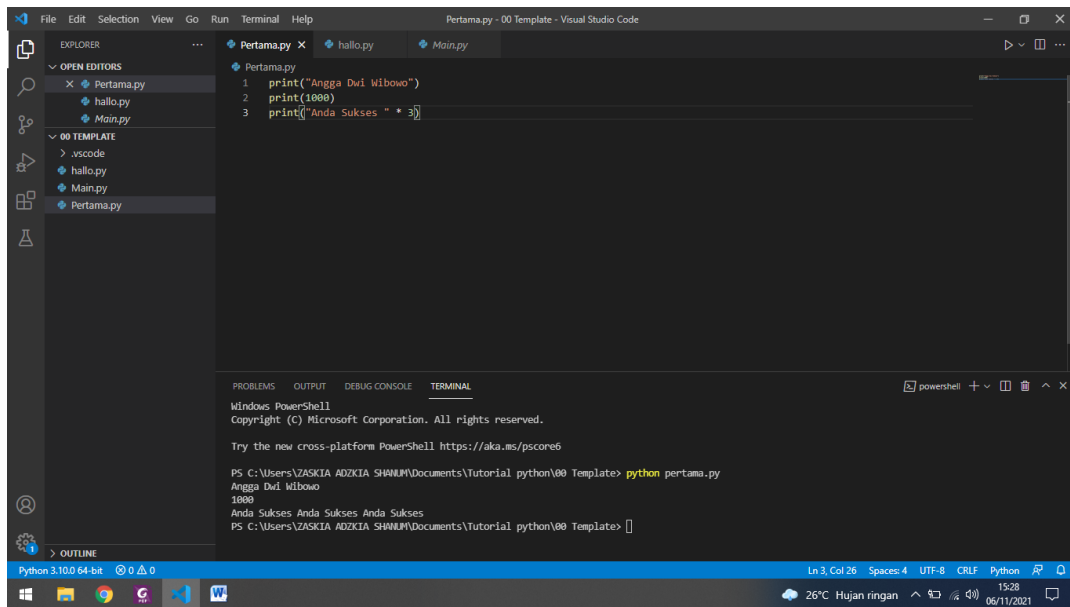
NIM. 211001123

Fakultas Rekayasa Sistem - Prodi Teknik Informatika

Universitas Teknologi Sumbawa

Jl. Raya Olat Maras, Batu Alang, Moyo Hulu, Kab.Sumbawa, NTB. 84371

1. Program Python Pertama



```
File Edit Selection View Go Run Terminal Help
Pertama.py - 00 Template - Visual Studio Code

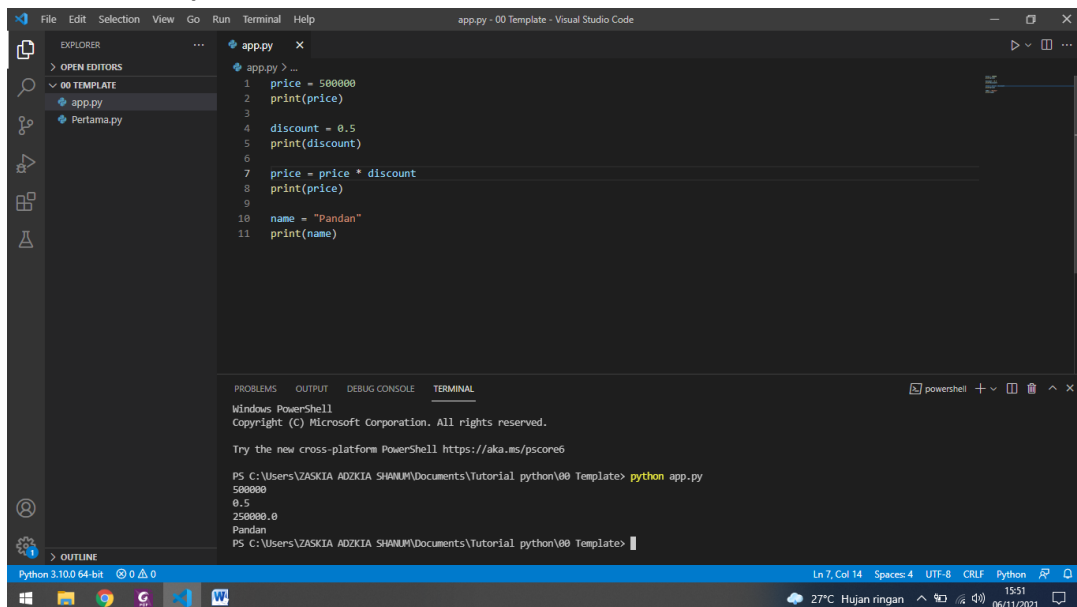
EXPLORER
OPEN EDITORS
  X Pertama.py
  halo.py
  Main.py
00 TEMPLATE
  .vscode
  halo.py
  Main.py
  Pertama.py

PROBLEMS OUTPUT DEBUG CONSOLE TERMINAL
Windows PowerShell
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Try the new cross-platform PowerShell https://aka.ms/pscore6

PS C:\Users\ZASKIA ADZKIA SHANUM\Documents\Tutorial python\00 Template> python pertama.py
Angga Dwi Wibowo
1000
Anda Sukses Anda Sukses
PS C:\Users\ZASKIA ADZKIA SHANUM\Documents\Tutorial python\00 Template> []
```

2. Variable dan Tipe Data



```
File Edit Selection View Go Run Terminal Help
app.py - 00 Template - Visual Studio Code

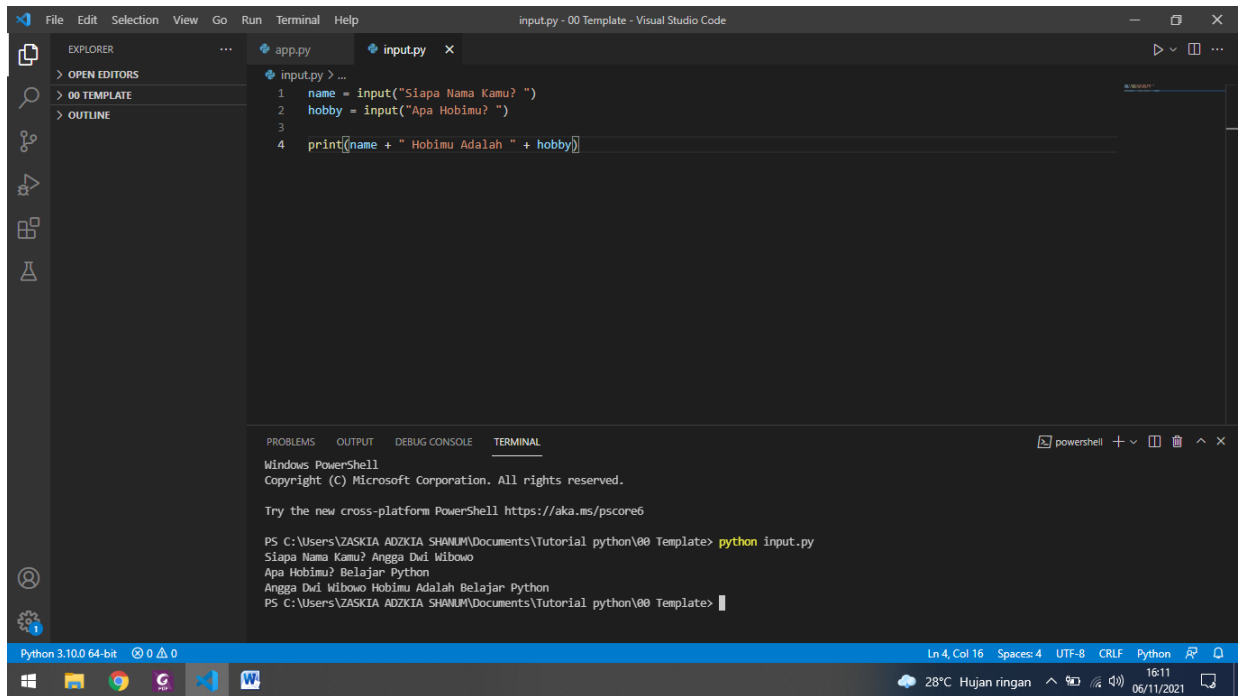
EXPLORER
OPEN EDITORS
  app.py
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  Pertama.py

PROBLEMS OUTPUT DEBUG CONSOLE TERMINAL
Windows PowerShell
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Try the new cross-platform PowerShell https://aka.ms/pscore6

PS C:\Users\ZASKIA ADZKIA SHANUM\Documents\Tutorial python\00 Template> python app.py
500000
0.5
250000.0
Pandan
PS C:\Users\ZASKIA ADZKIA SHANUM\Documents\Tutorial python\00 Template> []
```

3. Menerima Input User



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

```
1 name = input("Siapa Nama Kamu? ")
2 hobby = input("Apa Hobimu? ")
3
4 print(name + " Hobimu Adalah " + hobby)
```

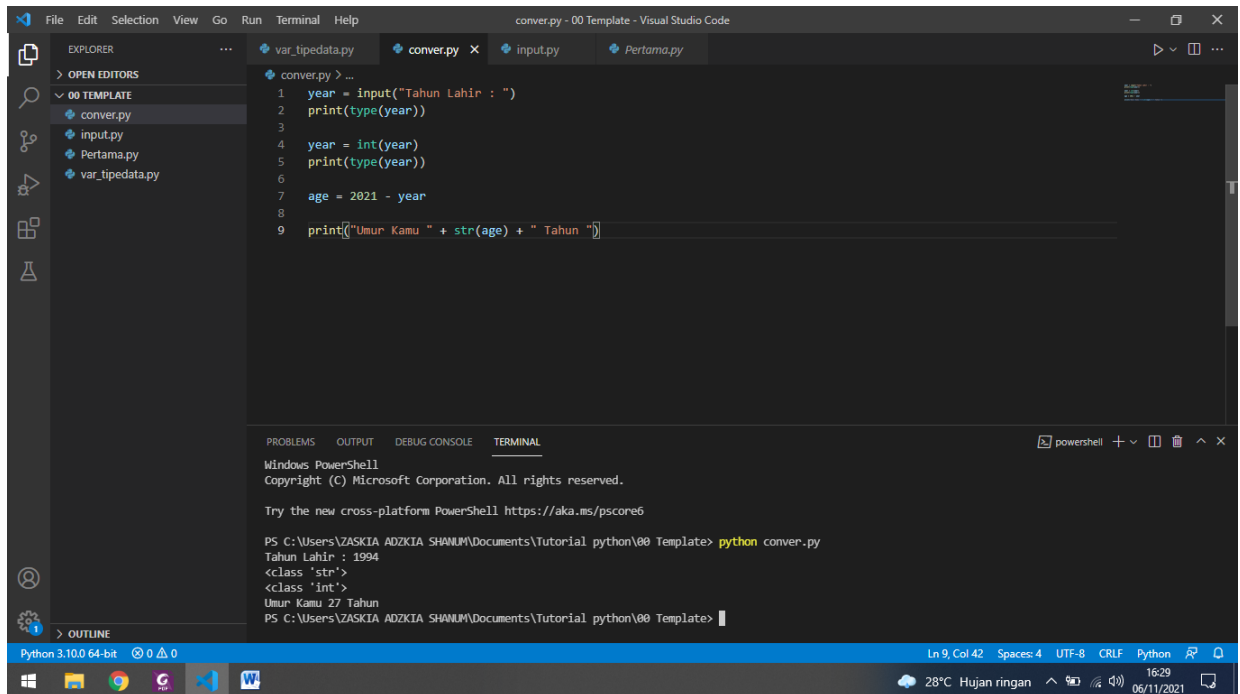
The terminal window at the bottom shows the execution of the script using `python input.py`. The user inputs "Angga Dwi Wibowo" for the name and "Belajar Python" for the hobby. The output of the program is "Angga Dwi Wibowo Hobimu Adalah Belajar Python".

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

PS C:\Users\ZASKIA ADZKIA SHANUM\Documents\Tutorial python\00 Template> python input.py
Siapa Nama Kamu? Angga Dwi Wibowo
Apa Hobimu? Belajar Python
Angga Dwi Wibowo Hobimu Adalah Belajar Python
PS C:\Users\ZASKIA ADZKIA SHANUM\Documents\Tutorial python\00 Template>
```

4. Type Conversion



The screenshot shows the Visual Studio Code interface with a file named `conver.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) + " Tahun ")
```

The terminal window at the bottom shows the execution of the script using `python conver.py`. The user inputs "1994" for the birth year. The program prints the type of the input (string), converts it to an integer, and then prints the age (27 years) as a string.

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

PS C:\Users\ZASKIA ADZKIA SHANUM\Documents\Tutorial python\00 Template> python conver.py
Tahun Lahir : 1994
<class 'str'>
<class 'int'>
Umur Kamu 27 Tahun
PS C:\Users\ZASKIA ADZKIA SHANUM\Documents\Tutorial python\00 Template>
```