

# PYTHON #6 (ARTIFICIAL INTELLIGENCE)

ANGGA DWI WIBOWO

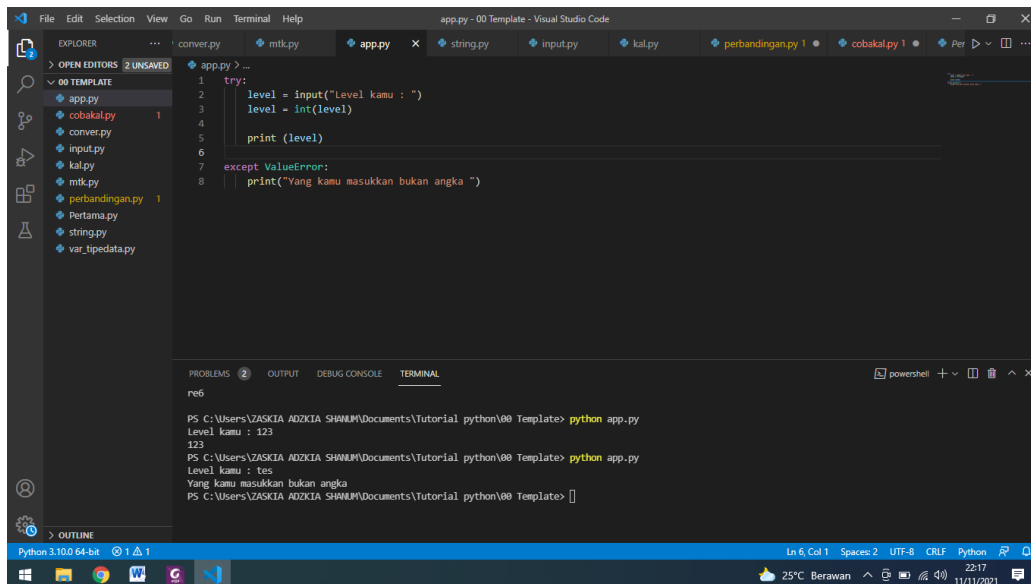
NIM. 211001123

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## 1. Exception



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

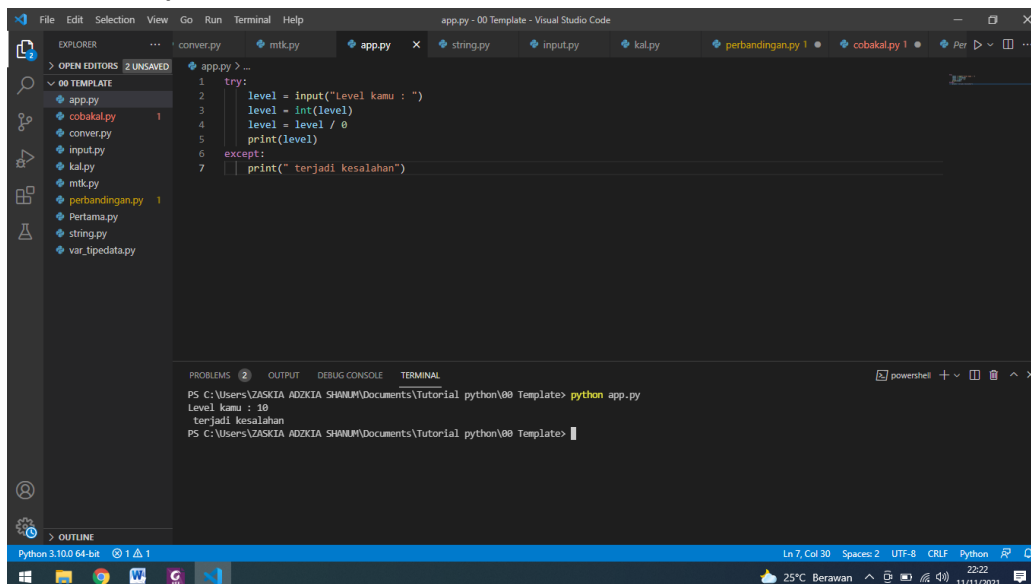
EXPLORER
> OPEN EDITORS 2 UNSAVED
00 TEMPLATE
  app.py
  cobakal.py 1
  conver.py
  input.py
  kal.py
  mtk.py
  perbandingan.py 1
  Pertama.py
  string.py
  var_tipedata.py

app.py
1 try:
2     level = input("Level kamu : ")
3     level = int(level)
4     print (level)
5
6 except ValueError:
7     print("Yang kamu masukkan bukan angka ")
8

PROBLEMS 2 OUTPUT DEBUG CONSOLE TERMINAL
re6
PS C:\Users\ZASKIA ADZKIA SHAMUM\Documents\Tutorial python\00 Template> python app.py
Level kamu : 123
123
PS C:\Users\ZASKIA ADZKIA SHAMUM\Documents\Tutorial python\00 Template> python app.py
Level kamu : tes
Yang kamu masukkan bukan angka
PS C:\Users\ZASKIA ADZKIA SHAMUM\Documents\Tutorial python\00 Template>

Python 3.10.0 64-bit 1 Δ 1
Ln 6, Col 1 Spaces: 2 UTF-8 CRLF Python
25°C Berawan 22:17 11/11/2021
```

## 2. General Exception



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

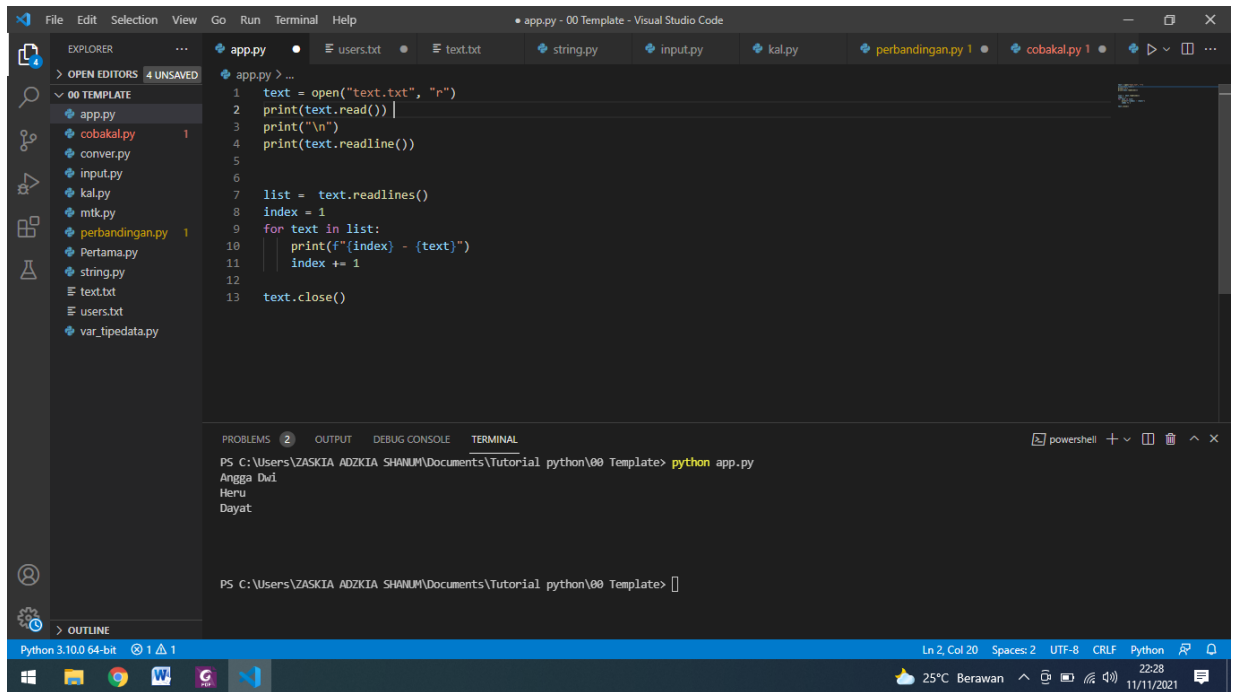
EXPLORER
> OPEN EDITORS 2 UNSAVED
00 TEMPLATE
  app.py
  cobakal.py 1
  conver.py
  input.py
  kal.py
  mtk.py
  perbandingan.py 1
  Pertama.py
  string.py
  var_tipedata.py

app.py
1 try:
2     level = input("Level kamu : ")
3     level = int(level)
4     level = level / 0
5     print(level)
6 except:
7     print(" terjadi kesalahan")
8

PROBLEMS 2 OUTPUT DEBUG CONSOLE TERMINAL
PS C:\Users\ZASKIA ADZKIA SHAMUM\Documents\Tutorial python\00 Template> python app.py
Level kamu : 10
terjadi kesalahan
PS C:\Users\ZASKIA ADZKIA SHAMUM\Documents\Tutorial python\00 Template>

Python 3.10.0 64-bit 1 Δ 1
Ln 7, Col 30 Spaces: 2 UTF-8 CRLF Python
25°C Berawan 22:22 11/11/2021
```

### 3. Membaca File



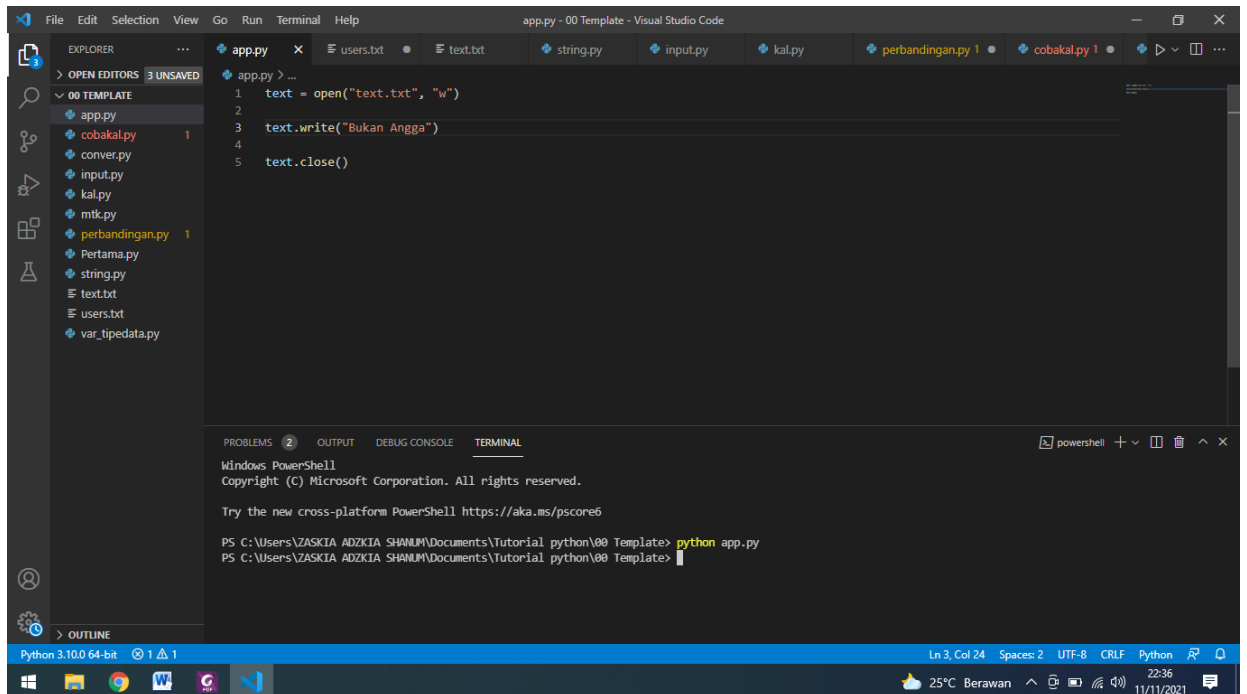
The screenshot shows the Visual Studio Code interface with a Python script named `app.py` open. The script reads a file named `text.txt` and prints its contents. The terminal shows the command `python app.py` being executed, resulting in the output: `Angga Dwi`, `Haru`, and `Dayat`.

```
1 text = open("text.txt", "r")
2 print(text.read())
3 print("\n")
4 print(text.readline())
5
6
7 list = text.readlines()
8 index = 1
9 for text in list:
10     print(f"index - {text}")
11     index += 1
12
13 text.close()
```

```
PS C:\Users\ZASKIA ADZKIA SHAMUM\Documents\Tutorial python\00 Template> python app.py
Angga Dwi
Haru
Dayat

PS C:\Users\ZASKIA ADZKIA SHAMUM\Documents\Tutorial python\00 Template>
```

### 4. Menulis File



The screenshot shows the Visual Studio Code interface with a Python script named `app.py` open. The script writes the string `"Bukan Angga"` to a file named `text.txt` and then closes the file. The terminal shows the command `python app.py` being executed, resulting in the output: `Windows PowerShell`, `Copyright (C) Microsoft Corporation. All rights reserved.`, and `Try the new cross-platform PowerShell https://aka.ms/pscore6`.

```
1 text = open("text.txt", "w")
2
3 text.write("Bukan Angga")
4
5 text.close()
```

```
PS C:\Users\ZASKIA ADZKIA SHAMUM\Documents\Tutorial python\00 Template> python app.py
PS C:\Users\ZASKIA ADZKIA SHAMUM\Documents\Tutorial python\00 Template>
```