

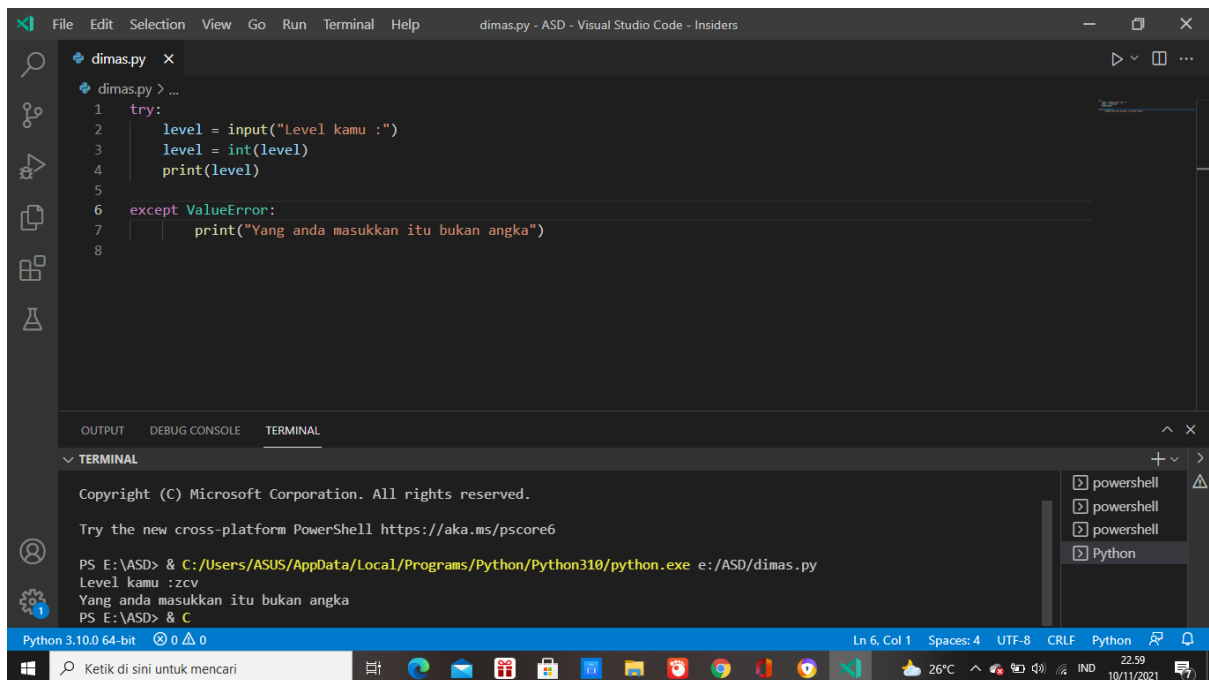
Nama : M.Dimas Sakti Maulana

NIM : 20.01.013.037

Matkul : Artificial Intelligence

Tugas Python 6

1. Exception



```
File Edit Selection View Go Run Terminal Help dimas.py - ASD - Visual Studio Code - Insiders
```

```
dimas.py x
```

```
dimas.py > ...
```

```
1 try:
```

```
2     level = input("Level kamu :")
```

```
3     level = int(level)
```

```
4     print(level)
```

```
5
```

```
6 except ValueError:
```

```
7     print("Yang anda masukkan itu bukan angka")
```

```
8
```

```
OUTPUT DEBUG CONSOLE TERMINAL
```

```
TERMINAL
```

```
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```

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

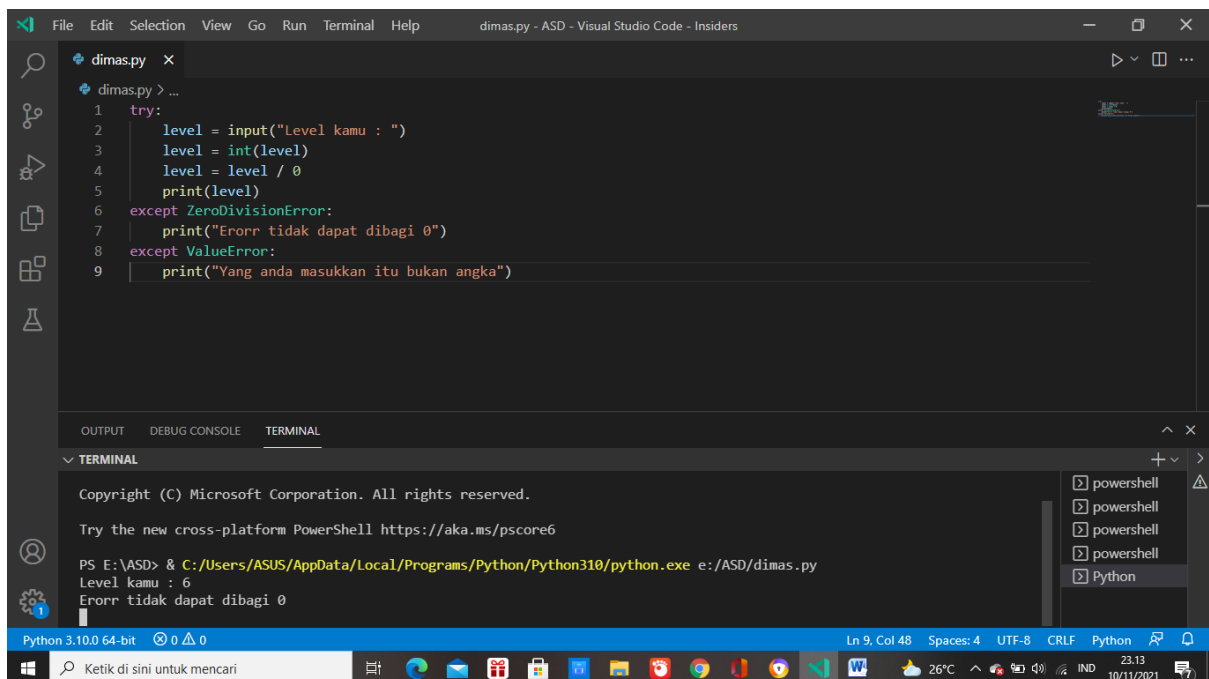
```
PS E:\ASD> & C:/Users/ASUS/AppData/Local/Programs/Python/Python310/python.exe e:/ASD/dimas.py
```

```
Level kamu :zcv
```

```
Yang anda masukkan itu bukan angka
```

```
PS E:\ASD> & C
```

Python 3.10.0 64-bit 0 0 0 Ln 6, Col 1 Spaces: 4 UTF-8 CRLF Python



```
File Edit Selection View Go Run Terminal Help dimas.py - ASD - Visual Studio Code - Insiders
```

```
dimas.py x
```

```
dimas.py > ...
```

```
1 try:
```

```
2     level = input("Level kamu : ")
```

```
3     level = int(level)
```

```
4     level = level / 0
```

```
5     print(level)
```

```
6 except ZeroDivisionError:
```

```
7     print("Errorr tidak dapat dibagi 0")
```

```
8 except ValueError:
```

```
9     print("Yang anda masukkan itu bukan angka")
```

```
OUTPUT DEBUG CONSOLE TERMINAL
```

```
TERMINAL
```

```
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```

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

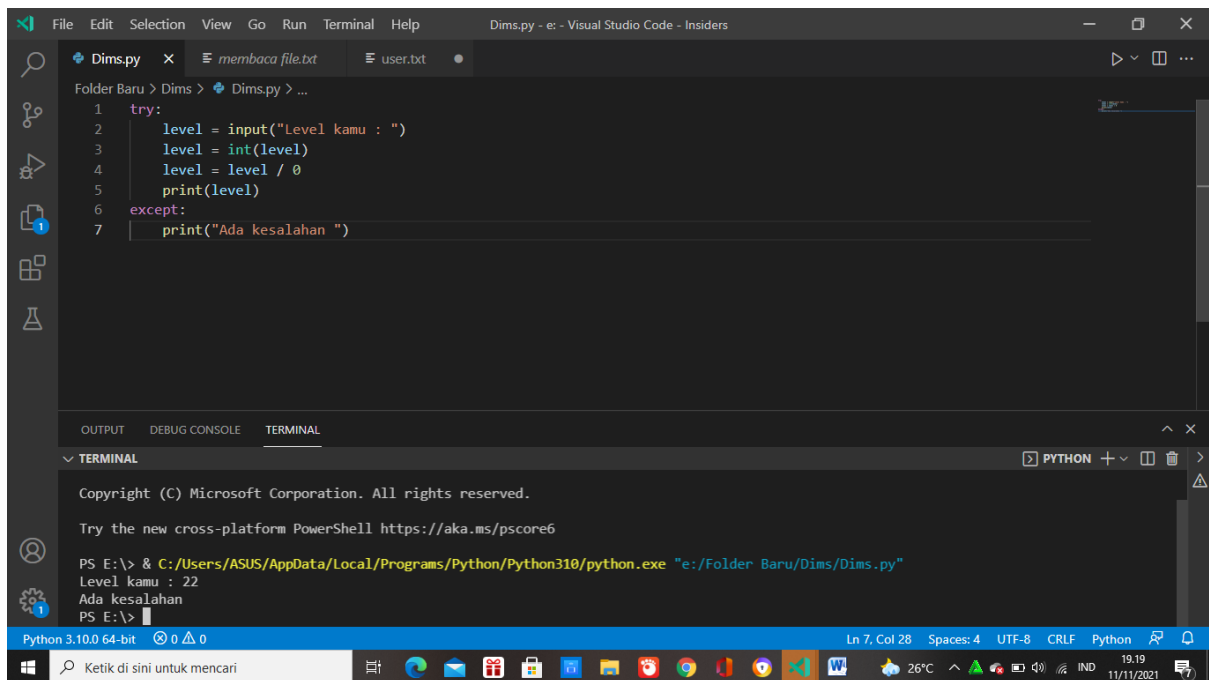
```
PS E:\ASD> & C:/Users/ASUS/AppData/Local/Programs/Python/Python310/python.exe e:/ASD/dimas.py
```

```
Level kamu : 6
```

```
Errorr tidak dapat dibagi 0
```

Python 3.10.0 64-bit 0 0 0 Ln 9, Col 48 Spaces: 4 UTF-8 CRLF Python

2. General Exception



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

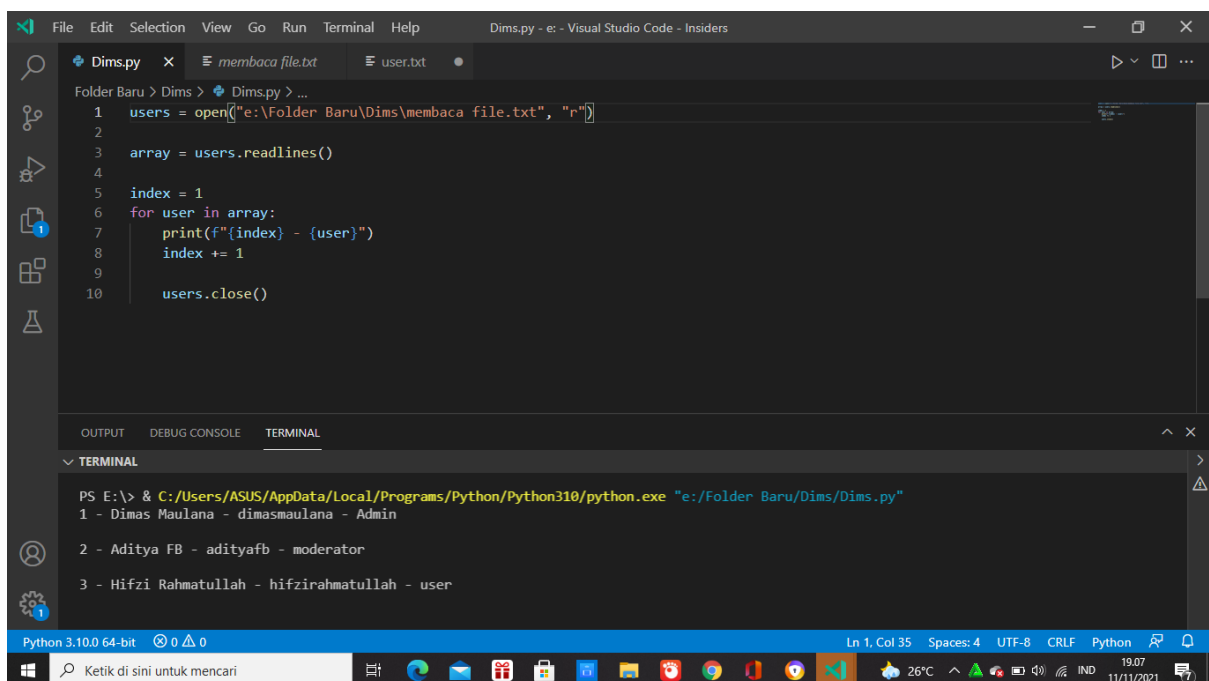
```
1 try:
2     level = input("Level kamu : ")
3     level = int(level)
4     level = level / 0
5     print(level)
6 except:
7     print("Ada kesalahan ")
```

The terminal at the bottom shows the command to run the script and the resulting output:

```
PS E:\> & C:/Users/ASUS/AppData/Local/Programs/Python/Python310/python.exe "e:/Folder Baru/Dims/Dims.py"
Level kamu : 22
Ada kesalahan
PS E:\>
```

The status bar at the bottom indicates the file is at line 7, column 28, with 4 spaces, using UTF-8 encoding and CRLF line endings.

3. Membaca File



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

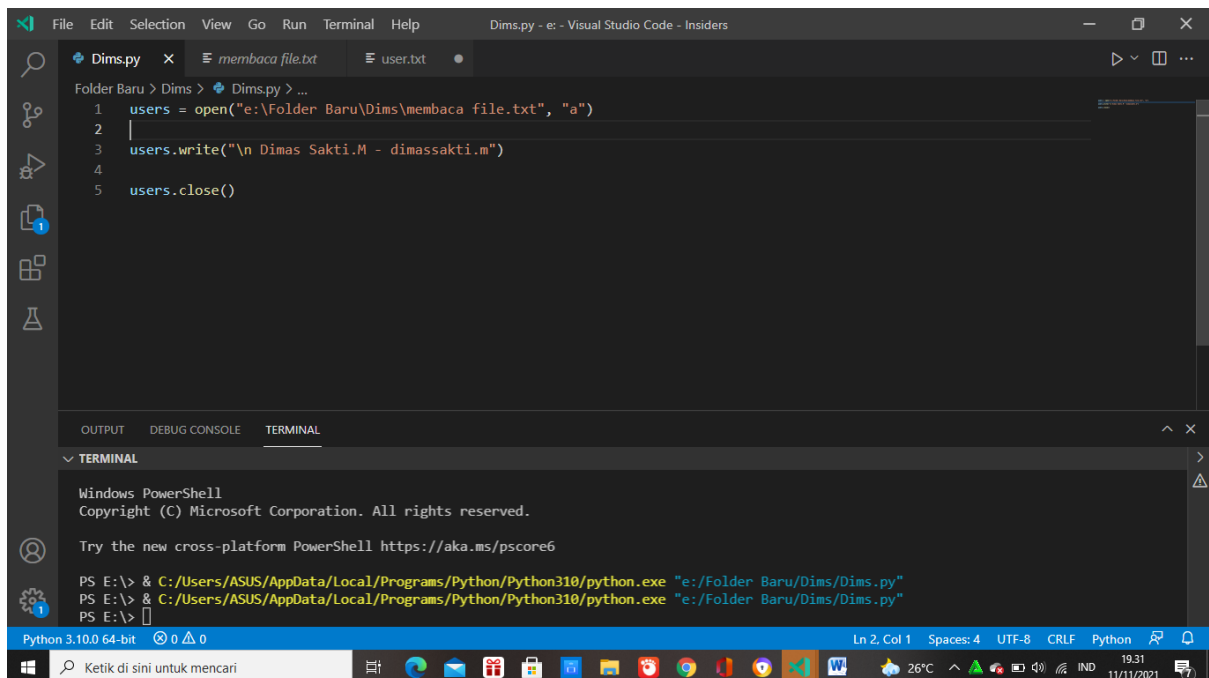
```
1 users = open("e:/Folder Baru/Dims/membaca file.txt", "r")
2
3 array = users.readlines()
4
5 index = 1
6 for user in array:
7     print(f"{index} - {user}")
8     index += 1
9
10 users.close()
```

The terminal at the bottom shows the command to run the script and the resulting output:

```
PS E:\> & C:/Users/ASUS/AppData/Local/Programs/Python/Python310/python.exe "e:/Folder Baru/Dims/Dims.py"
1 - Dimas Maulana - dimasmaulana - Admin
2 - Aditya FB - adityafb - moderator
3 - Hifzi Rahmatullah - hifzirahmatullah - user
```

The status bar at the bottom indicates the file is at line 1, column 35, with 4 spaces, using UTF-8 encoding and CRLF line endings.

4. Menulis File



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

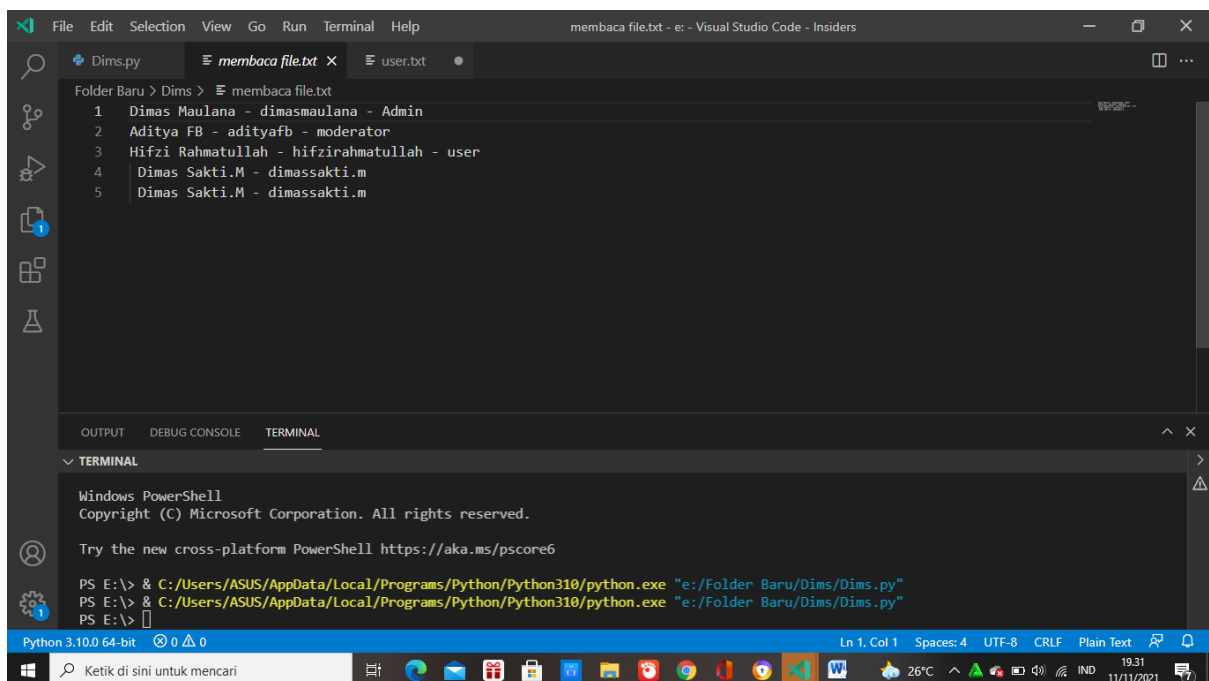
```
1 users = open("e:\Folder Baru\Dims\membaca file.txt", "a")
2 |
3 users.write("\n Dimas Sakti.M - dimassakti.m")
4
5 users.close()
```

The terminal window at the bottom shows the following output:

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

PS E:\> & C:/Users/ASUS/AppData/Local/Programs/Python/Python310/python.exe "e:/Folder Baru/Dims/Dims.py"
PS E:\> & C:/Users/ASUS/AppData/Local/Programs/Python/Python310/python.exe "e:/Folder Baru/Dims/Dims.py"
PS E:\> |
```



The screenshot shows the Visual Studio Code editor with the file `membaca file.txt` open. The content of the file is as follows:

```
1 Dimas Maulana - dimasmaulana - Admin
2 Aditya FB - adityafb - moderator
3 Hifzi Rahmatullah - hifzirahmatullah - user
4 Dimas Sakti.M - dimassakti.m
5 Dimas Sakti.M - dimassakti.m
```

The terminal window at the bottom shows the following output:

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

PS E:\> & C:/Users/ASUS/AppData/Local/Programs/Python/Python310/python.exe "e:/Folder Baru/Dims/Dims.py"
PS E:\> & C:/Users/ASUS/AppData/Local/Programs/Python/Python310/python.exe "e:/Folder Baru/Dims/Dims.py"
PS E:\> |
```

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

```
1 users = open("e:\Folder Baru\Dims\membaca file.txt", "w")
2
3 users.write("\n Dimas Sakti.M - dimassakti.m")
4
5 users.close()
```

The terminal at the bottom shows the execution of the script:

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

PS E:\> & C:/Users/ASUS/AppData/Local/Programs/Python/Python310/python.exe "e:/Folder Baru/Dims/Dims.py"
PS E:\>
```

The status bar at the bottom indicates the file is encoded in UTF-8 with CRLF line endings and is a Python file.

This screenshot shows the same Visual Studio Code environment, but now the file `membaca file.txt` is open in the editor. The file contains the output of the previous script execution:

```
1
2 Dimas Sakti.M - dimassakti.m
```

The terminal below shows the same execution command as in the first screenshot, confirming the file was created and populated with the correct text.