

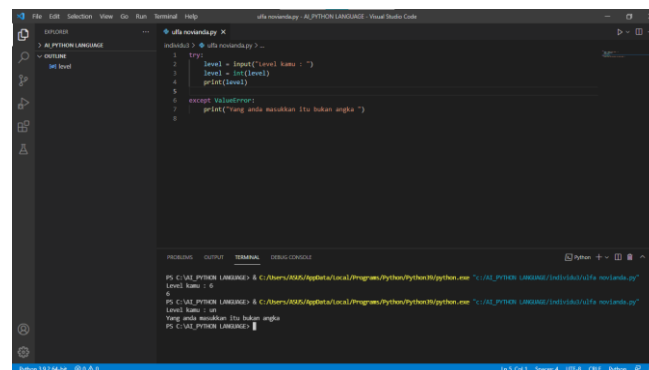
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Nim : 20.01.013.042

Kelas : Kecerdasan Bauatan (AI-3B)

## TUGAS PYTHON 6

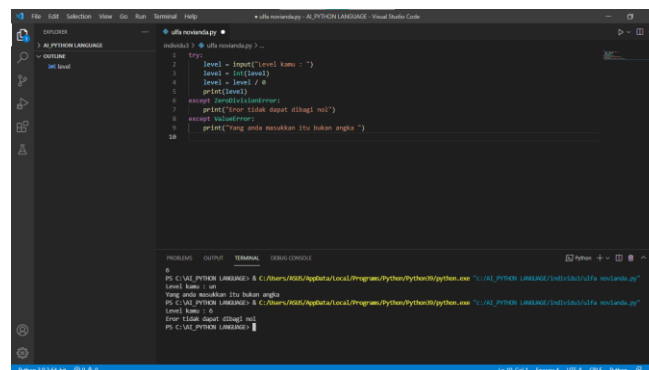
- Exception



```
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
```

Terminal output:

```
PS C:\AI_PYTHON_LANGUAGE> python
Level kamu : 5
PS C:\AI_PYTHON_LANGUAGE> python
Level kamu : 5
Yang anda masukkan itu bukan angka
PS C:\AI_PYTHON_LANGUAGE>
```

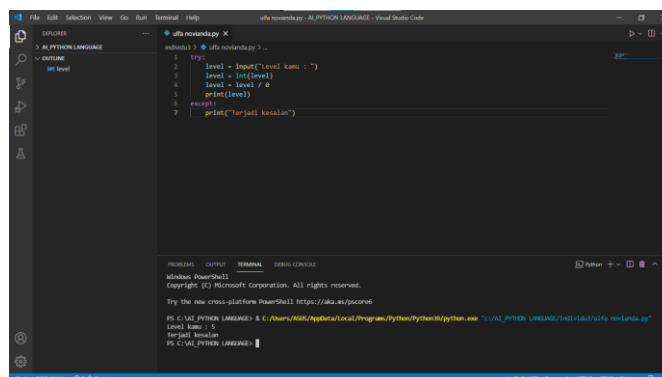


```
1 try:
2     level = input("Level kamu : ")
3     level = int(level)
4     level = level / 0
5     print(level)
6
7 except ZeroDivisionError:
8     print("Yang anda masukkan itu bukan angka")
9
10 except ValueError:
11     print("Yang anda masukkan itu bukan angka")
12
```

Terminal output:

```
PS C:\AI_PYTHON_LANGUAGE> python
Level kamu : 5
Yang anda masukkan itu bukan angka
PS C:\AI_PYTHON_LANGUAGE> python
Level kamu : 5
Yang anda masukkan itu bukan angka
PS C:\AI_PYTHON_LANGUAGE>
```

- General Exception



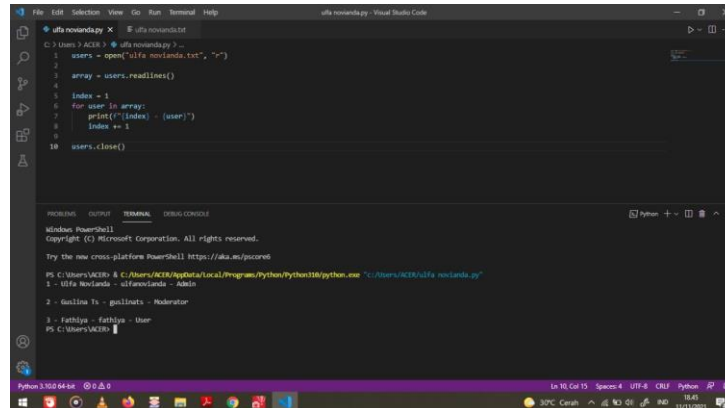
```
1 try:
2     level = input("Level kamu : ")
3     level = int(level)
4     level = level / 0
5     print(level)
6
7 except:
8     print("Terjadi kesalahan")
9
```

Terminal output:

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

PS C:\AI_PYTHON_LANGUAGE> python
Level kamu : 5
Terjadi kesalahan
PS C:\AI_PYTHON_LANGUAGE>
```

- **Membaca File**



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

```
1 users = open("alfa novandaty.txt", "r")
2
3 array = users.readlines()
4
5 index = 1
6 for user in array:
7     print(index + " : " + user)
8     index += 1
9
10 users.close()
```

Below the editor, the TERMINAL window is active, showing the output of the script:

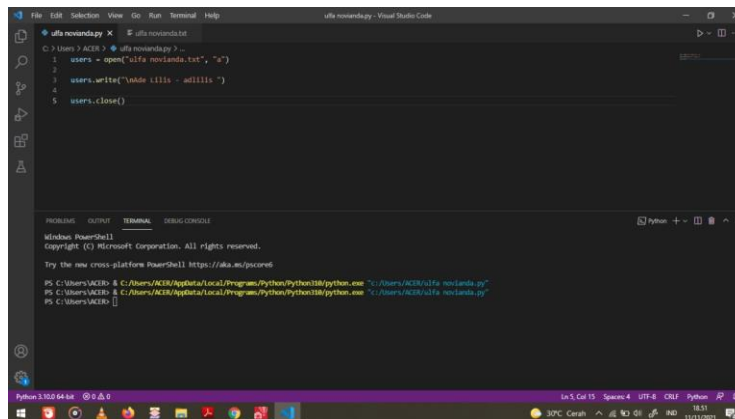
```
Windows PowerShell
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Try the new cross-platform PowerShell https://aka.ms/powershell

PS C:\Users\ACER> & C:\Users\ACER\AppData\Local\Programs\Python\Python38\python.exe "C:\Users\ACER\alfa novandaty.py"
1 : alfa novandaty - alfanovandaty
2 : daniella fa - gullinatti
3 : fathiyah - fathiyah
PS C:\Users\ACER>
```

- **Menulis File**

- Append (a) menambahkan data baru ke sebuah file yang sudah ada isinya (menambahkan ke paling belakang).



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

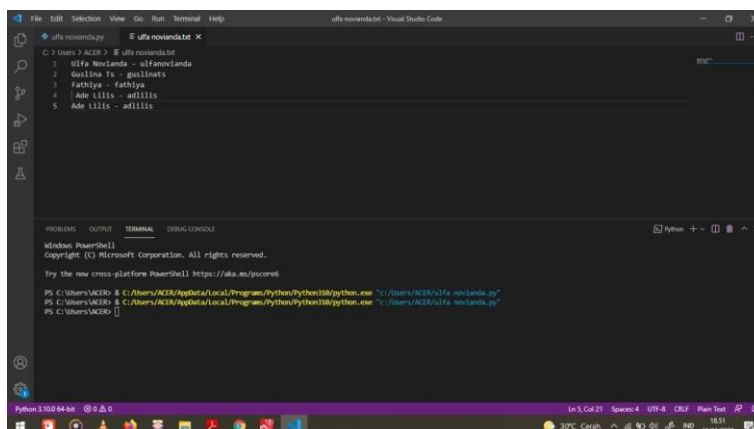
```
1 users = open("alfa novandaty.txt", "a")
2
3 users.write("alinda liliis - adlililis ")
4
5 users.close()
```

Below the editor, the TERMINAL window is active, showing the output of the script:

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

PS C:\Users\ACER> & C:\Users\ACER\AppData\Local\Programs\Python\Python38\python.exe "C:\Users\ACER\alfa novandaty.py"
PS C:\Users\ACER> & C:\Users\ACER\AppData\Local\Programs\Python\Python38\python.exe "C:\Users\ACER\alfa novandaty.py"
PS C:\Users\ACER>
```



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

```
1 alfa novandaty - alfanovandaty
2 daniella fa - gullinatti
3 fathiyah - fathiyah
4 alda liliis - adlililis
5 alda liliis - adlililis
```

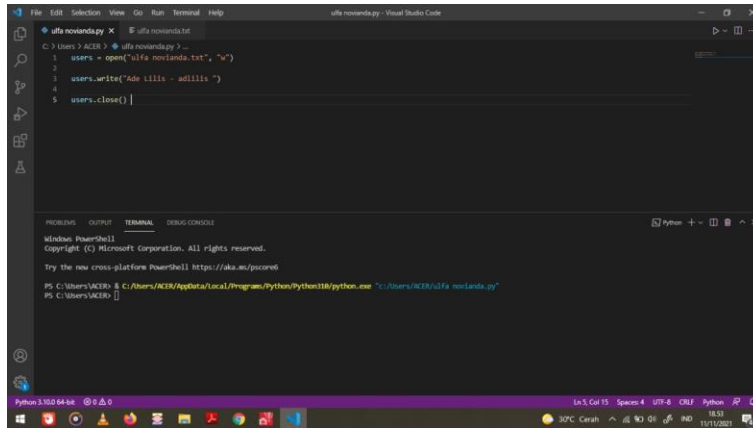
Below the editor, the TERMINAL window is active, showing the output of the script:

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

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

PS C:\Users\ACER> & C:\Users\ACER\AppData\Local\Programs\Python\Python38\python.exe "C:\Users\ACER\alfa novandaty.py"
PS C:\Users\ACER> & C:\Users\ACER\AppData\Local\Programs\Python\Python38\python.exe "C:\Users\ACER\alfa novandaty.py"
PS C:\Users\ACER>
```

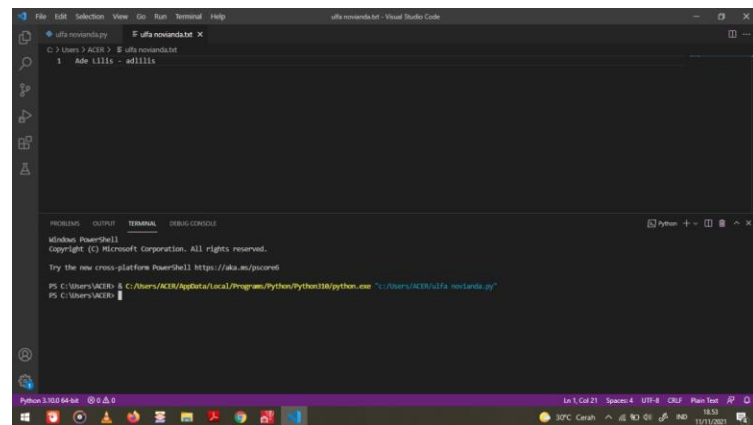
- Write (w) : akan menghapus seluruh data yang ada pada file yang ada dan akan digantikan dengan data yang ditulis.



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

```
1 users = open("ulfa_novinda.txt", "w")
2
3
4 users.write("Ade liliis - adlilis ")
5 users.close()
```

The terminal window at the bottom shows the command prompt in Windows PowerShell. The command `python.exe "C:\Users\ACER\ulfa_novinda.py"` has been executed, and the output is empty, indicating that the file was successfully overwritten.



The screenshot shows the same Visual Studio Code editor with the file `ulfa_novinda.py`. The code in the editor is now:

```
1 Ade liliis - adlilis
```

The terminal window at the bottom shows the command prompt in Windows PowerShell. The command `python.exe "C:\Users\ACER\ulfa_novinda.py"` has been executed, and the output is empty, indicating that the file was successfully overwritten.