

Nama : Fathiya Rohali

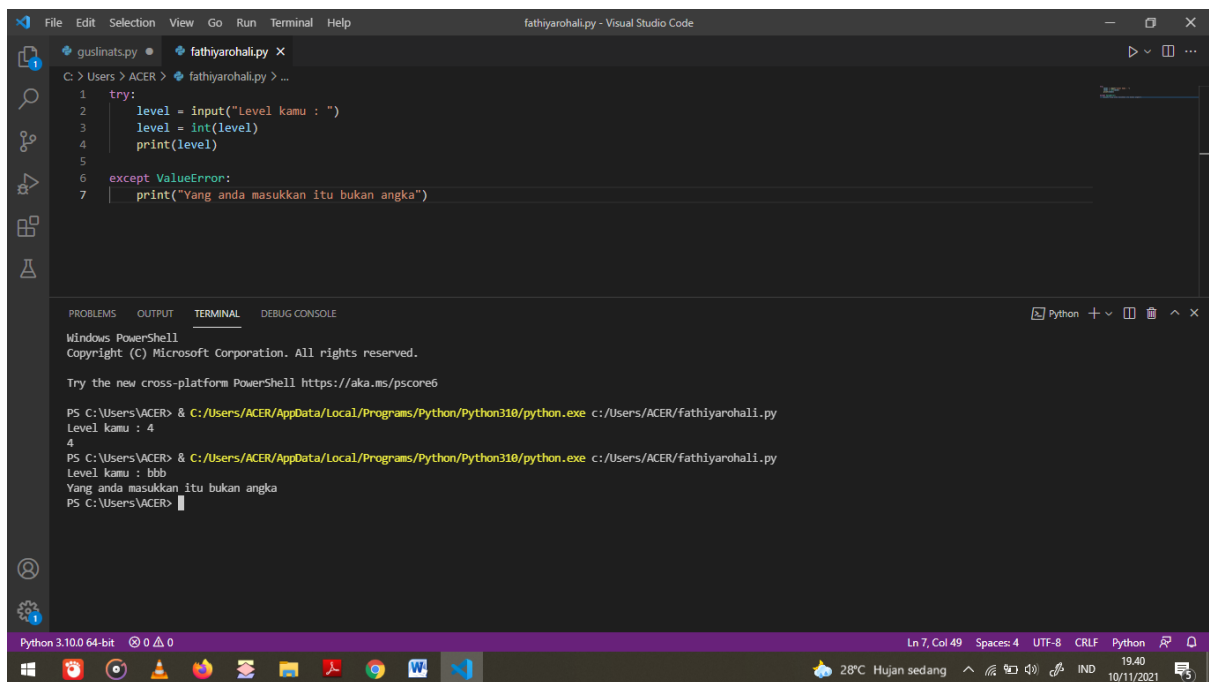
NIM : 20.01.013.051

Kelas : Informatika-B

Mata Kuliah : Kecerdasan Buatan

Tugas PYTHON-6

- Exception

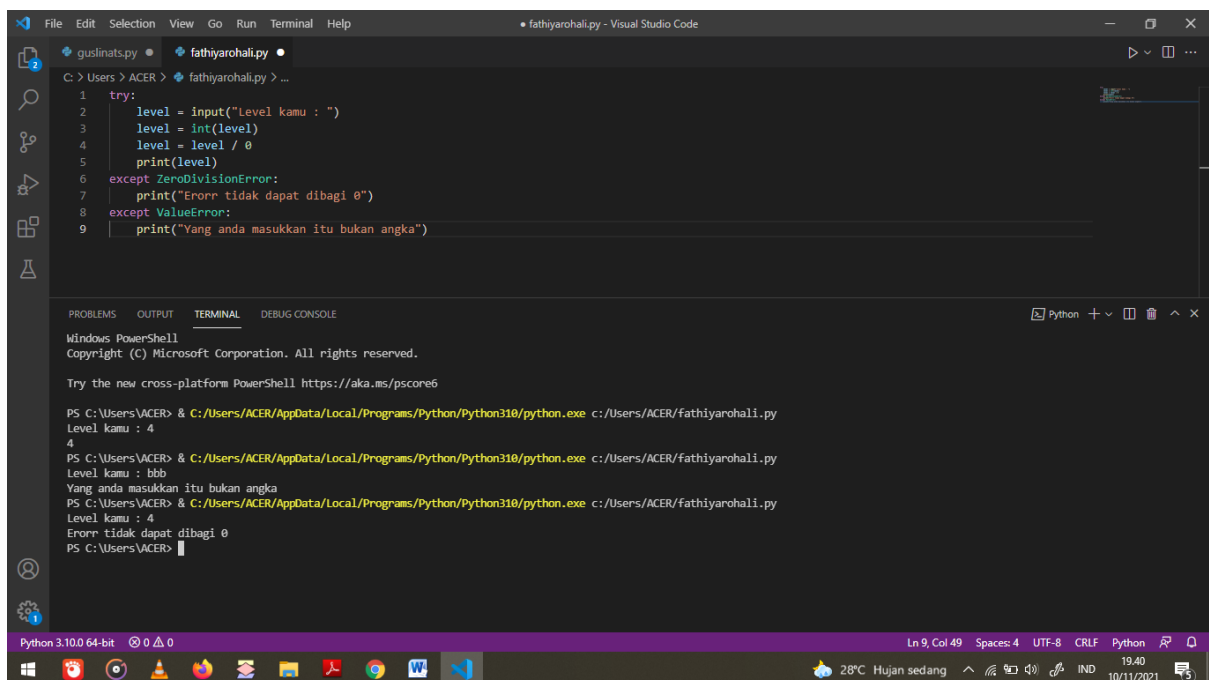


The screenshot shows the Visual Studio Code editor with a file named `fathiyarohali.py` open. The code in the editor is as follows:

```
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")
```

The terminal window at the bottom shows the execution of the script using Python 3.10.0. The output is as follows:

```
PS C:\Users\ACER> & C:/Users/ACER/AppData/Local/Programs/Python/Python310/python.exe c:/Users/ACER/fathiyarohali.py
Level kamu : 4
4
PS C:\Users\ACER> & C:/Users/ACER/AppData/Local/Programs/Python/Python310/python.exe c:/Users/ACER/fathiyarohali.py
Level kamu : bbb
Yang anda masukkan itu bukan angka
PS C:\Users\ACER>
```



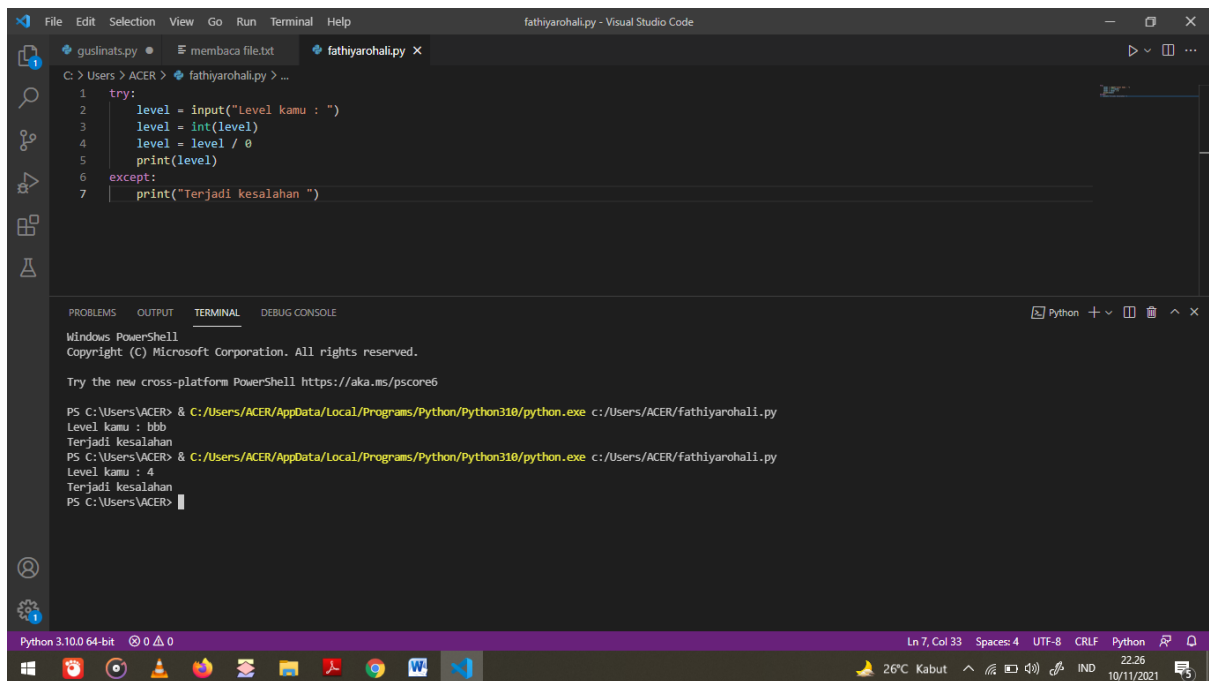
The screenshot shows the Visual Studio Code editor with a file named `fathiyarohali.py` open. The code in the editor is as follows:

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

The terminal window at the bottom shows the execution of the script using Python 3.10.0. The output is as follows:

```
PS C:\Users\ACER> & C:/Users/ACER/AppData/Local/Programs/Python/Python310/python.exe c:/Users/ACER/fathiyarohali.py
Level kamu : 4
4
PS C:\Users\ACER> & C:/Users/ACER/AppData/Local/Programs/Python/Python310/python.exe c:/Users/ACER/fathiyarohali.py
Level kamu : bbb
Yang anda masukkan itu bukan angka
PS C:\Users\ACER> & C:/Users/ACER/AppData/Local/Programs/Python/Python310/python.exe c:/Users/ACER/fathiyarohali.py
Level kamu : 4
Errorr tidak dapat dibagi 0
PS C:\Users\ACER>
```

- General Exception



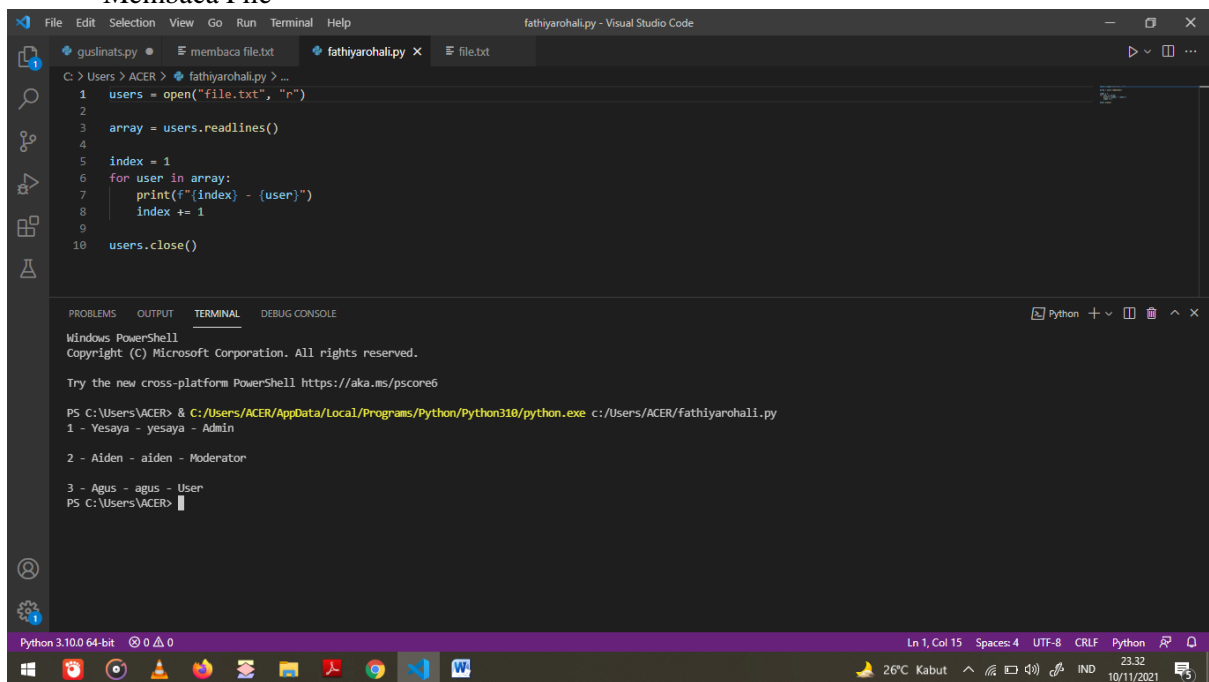
The screenshot shows the Visual Studio Code editor with a file named `fathiyarohali.py` open. The code is as follows:

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

The terminal window at the bottom shows the execution of the script. It prompts for input, and when the user enters 'bbb', it prints 'Terjadi kesalahan'. When the user enters '4', it prints '4' and then 'Terjadi kesalahan'.

```
PS C:\Users\ACER> & C:/Users/ACER/AppData/Local/Programs/Python/Python310/python.exe c:/Users/ACER/fathiyarohali.py
Level kamu : bbb
Terjadi kesalahan
PS C:\Users\ACER> & C:/Users/ACER/AppData/Local/Programs/Python/Python310/python.exe c:/Users/ACER/fathiyarohali.py
Level kamu : 4
Terjadi kesalahan
PS C:\Users\ACER>
```

- Membaca File



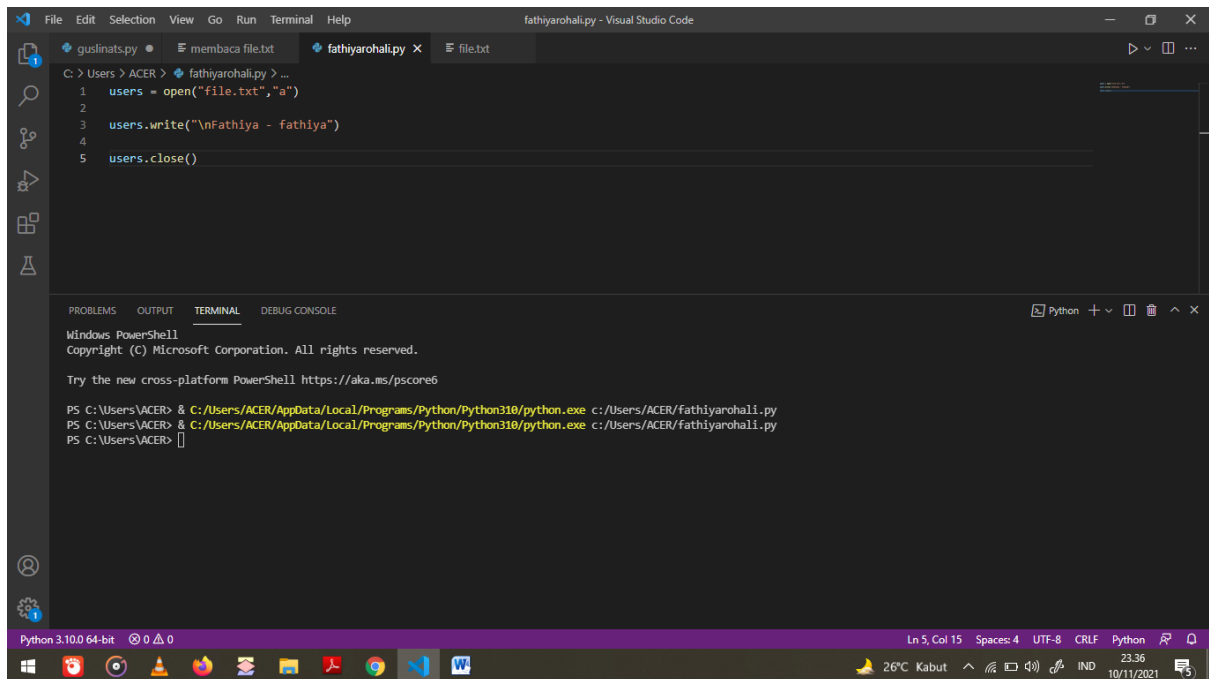
The screenshot shows the Visual Studio Code editor with a file named `file.txt` open. The code is as follows:

```
1 users = open("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 window at the bottom shows the execution of the script. It reads the contents of `file.txt` and prints them line by line.

```
PS C:\Users\ACER> & C:/Users/ACER/AppData/Local/Programs/Python/Python310/python.exe c:/Users/ACER/fathiyarohali.py
1 - Yesaya - yesaya - Admin
2 - Aiden - aiden - Moderator
3 - Agus - agus - User
PS C:\Users\ACER>
```

- Menulis File
- **Append**



The screenshot shows the Visual Studio Code interface. The editor has three tabs: `guslinats.py`, `membaca file.txt`, and `fathiyarohali.py`. The `fathiyarohali.py` tab is active, displaying the following Python code:

```
1 users = open("file.txt","a")
2
3 users.write("\nFathiya - fathiya")
4
5 users.close()
```

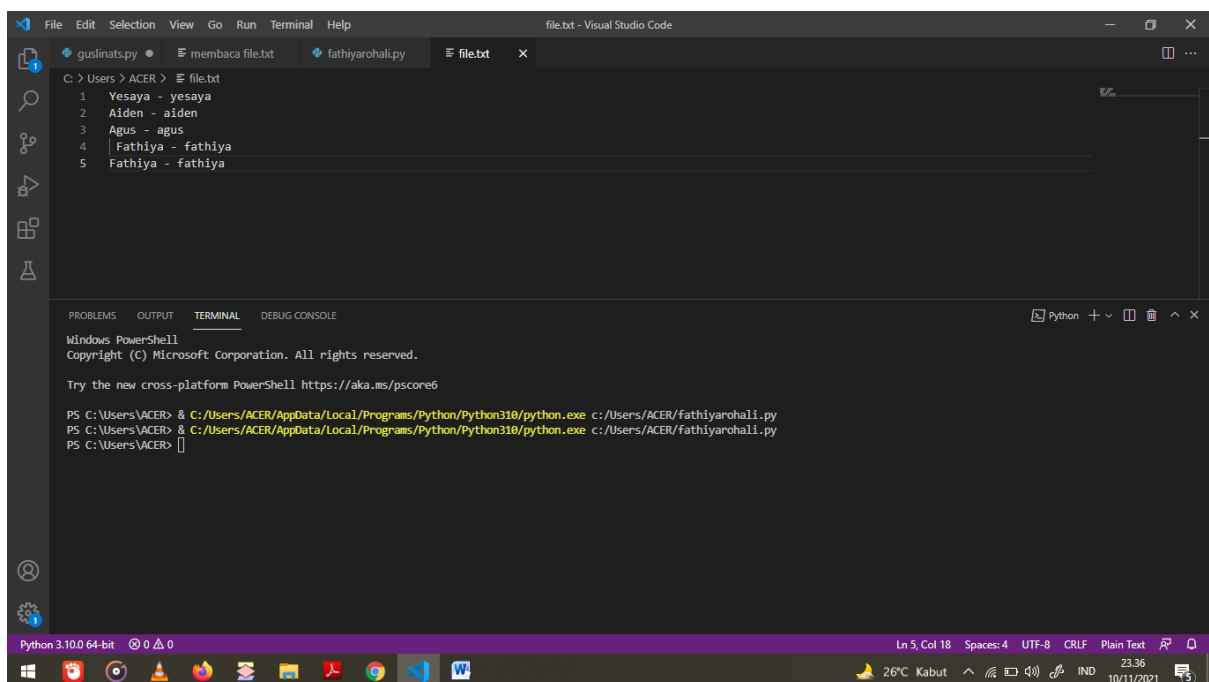
The terminal at the bottom shows the execution of the script using Windows PowerShell:

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

PS C:\Users\ACER> & C:/Users/ACER/AppData/Local/Programs/Python/Python310/python.exe c:/Users/ACER/fathiyarohali.py
PS C:\Users\ACER> & C:/Users/ACER/AppData/Local/Programs/Python/Python310/python.exe c:/Users/ACER/fathiyarohali.py
PS C:\Users\ACER>
```

The status bar at the bottom indicates the file is `file.txt` (Ln 5, Col 15) with 4 spaces, using UTF-8 encoding and CRLF line endings.



The screenshot shows the Visual Studio Code interface with the `file.txt` tab active. The file contains the following text:

```
1 Yesaya - yesaya
2 Aiden - aiden
3 Agus - agus
4 Fathiya - fathiya
5 Fathiya - fathiya
```

The terminal at the bottom shows the same PowerShell commands as the previous screenshot, confirming the script's execution:

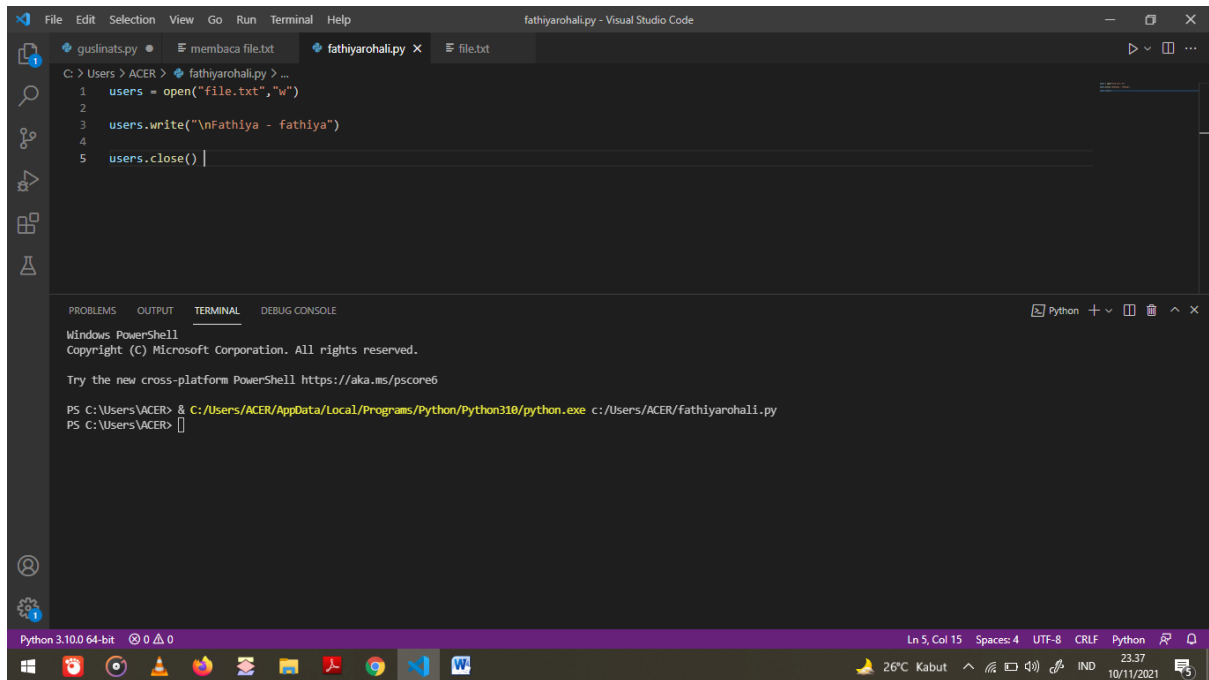
```
Windows PowerShell
Copyright (C) Microsoft Corporation. All rights reserved.

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

PS C:\Users\ACER> & C:/Users/ACER/AppData/Local/Programs/Python/Python310/python.exe c:/Users/ACER/fathiyarohali.py
PS C:\Users\ACER> & C:/Users/ACER/AppData/Local/Programs/Python/Python310/python.exe c:/Users/ACER/fathiyarohali.py
PS C:\Users\ACER>
```

The status bar at the bottom indicates the file is `file.txt` (Ln 5, Col 18) with 4 spaces, using UTF-8 encoding and CRLF line endings, and is in Plain Text mode.

- Write



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

```
1 users = open("file.txt", "w")
2
3 users.write("\nFathiya - fathiya")
4
5 users.close()
```

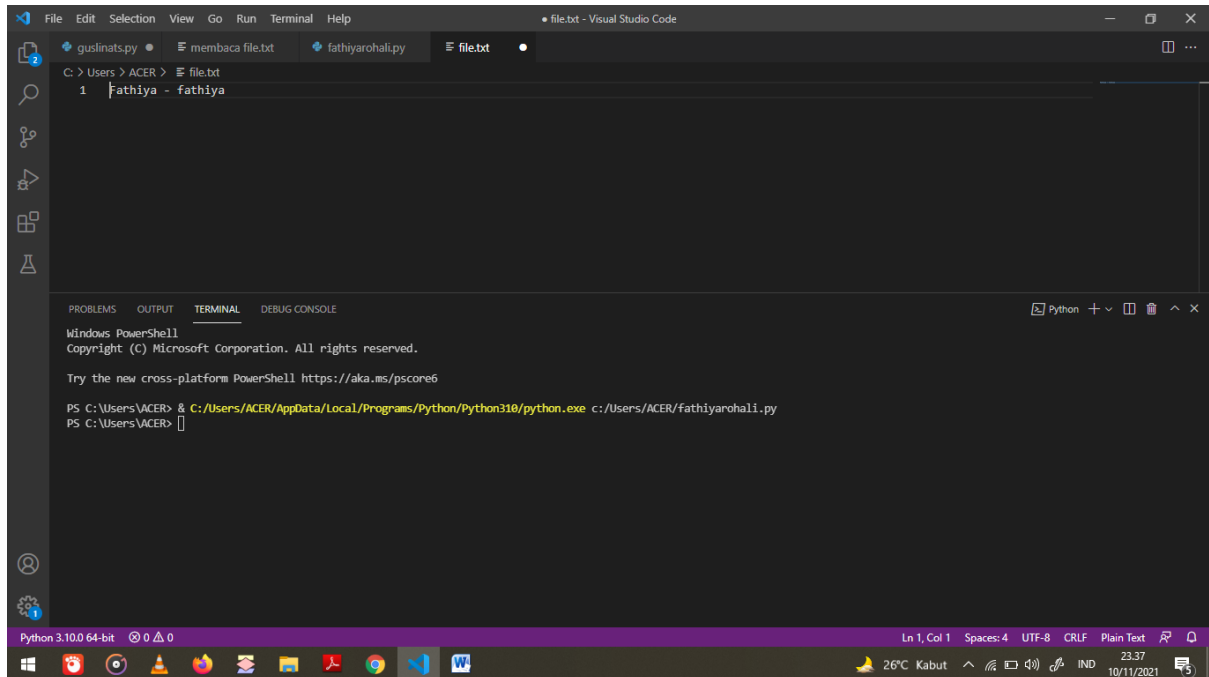
The terminal at the bottom shows the command prompt output:

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

PS C:\Users\VACER> & C:/Users/ACER/AppData/Local/Programs/Python/Python310/python.exe c:/Users/ACER/fathiyarohali.py
PS C:\Users\VACER>
```

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



The screenshot shows the Visual Studio Code interface with a text file named `file.txt` open. The content of the file is:

```
1 fathiya - fathiya
```

The terminal at the bottom shows the same command prompt output as the first screenshot:

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

PS C:\Users\VACER> & C:/Users/ACER/AppData/Local/Programs/Python/Python310/python.exe c:/Users/ACER/fathiyarohali.py
PS C:\Users\VACER>
```

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