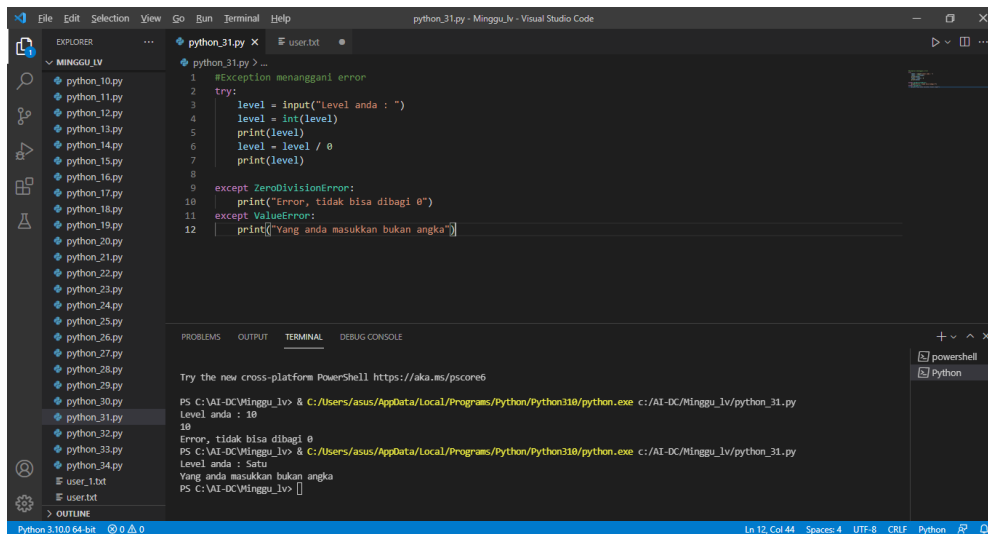


Praktikum Pemrograman Python

Exception



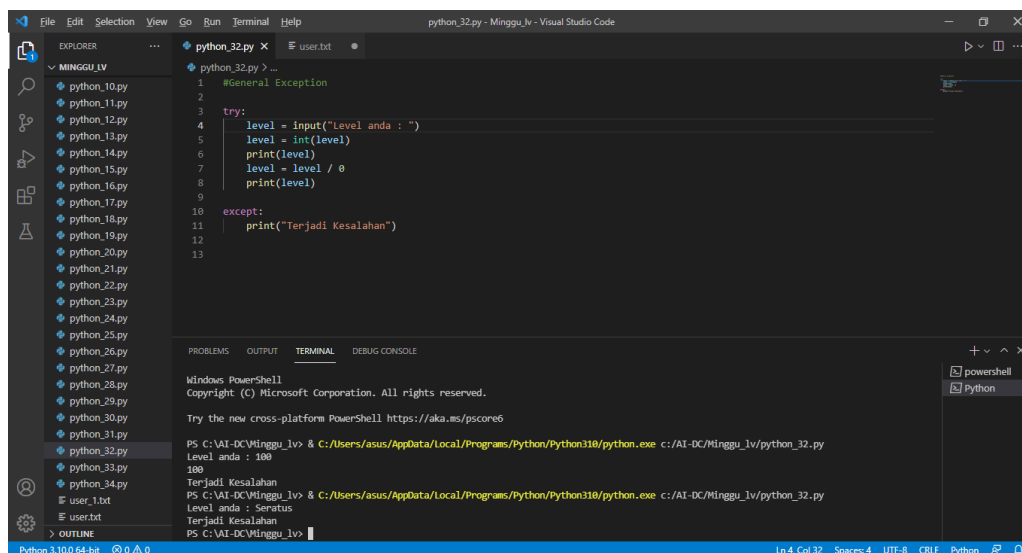
The screenshot shows a Visual Studio Code window with a file explorer on the left containing a folder named 'MINGGU_10' with files 'python_10.py' through 'python_34.py'. The main editor displays 'python_31.py' with the following code:

```
1 #Exception menangani error
2 try:
3     level = input("level anda : ")
4     level = int(level)
5     print(level)
6     level = level / 0
7     print(level)
8
9 except ZeroDivisionError:
10     print("Error, tidak bisa dibagi 0")
11 except ValueError:
12     print("Yang anda masukkan bukan angka")
```

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

```
PS C:\AI-DC\Winggu_liv> & C:/Users/asus/AppData/Local/Programs/Python/Python310/python.exe c:/AI-DC/Winggu_liv/python_31.py
Level anda : 10
Error, tidak bisa dibagi 0
PS C:\AI-DC\Winggu_liv> & C:/Users/asus/AppData/Local/Programs/Python/Python310/python.exe c:/AI-DC/Winggu_liv/python_31.py
Level anda : Satu
Yang anda masukkan bukan angka
PS C:\AI-DC\Winggu_liv>
```

General Exception



The screenshot shows a Visual Studio Code window with a file explorer on the left containing a folder named 'MINGGU_10' with files 'python_10.py' through 'python_34.py'. The main editor displays 'python_32.py' with the following code:

```
1 #General Exception
2
3 try:
4     level = input("Level anda : ")
5     level = int(level)
6     print(level)
7     level = level / 0
8     print(level)
9
10 except:
11     print("Terjadi Kesalahan")
12
13
```

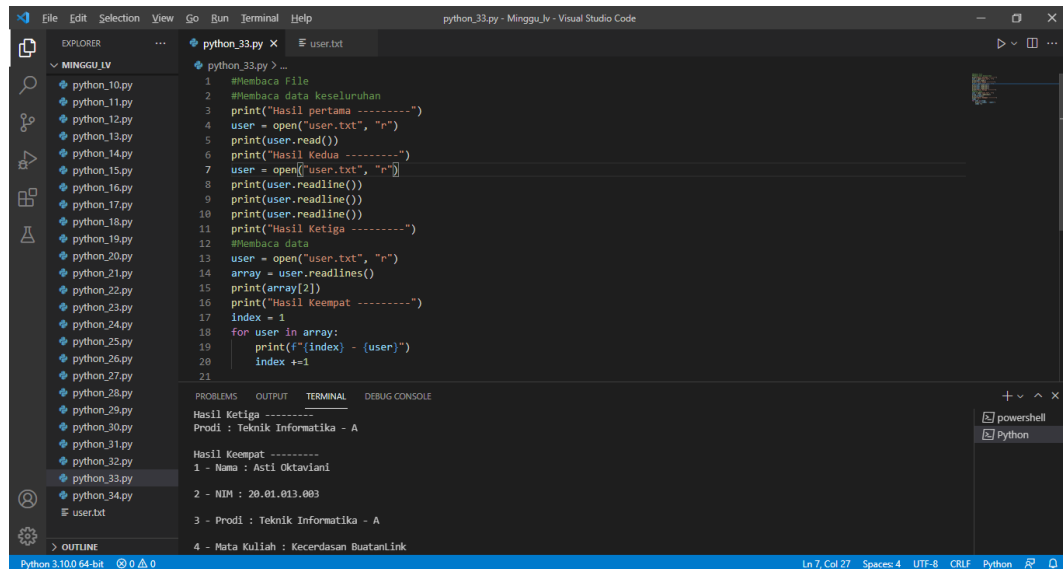
The terminal at the bottom shows the execution of the script:

```
Windows PowerShell
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PS C:\AI-DC\Winggu_liv> & C:/Users/asus/AppData/Local/Programs/Python/Python310/python.exe c:/AI-DC/Winggu_liv/python_32.py
Level anda : 100
100
Terjadi Kesalahan
PS C:\AI-DC\Winggu_liv> & C:/Users/asus/AppData/Local/Programs/Python/Python310/python.exe c:/AI-DC/Winggu_liv/python_32.py
Level anda : Seratus
Terjadi Kesalahan
PS C:\AI-DC\Winggu_liv>
```

Membaca File



The screenshot shows the Visual Studio Code interface with a Python file named `python_33.py` open. The code is as follows:

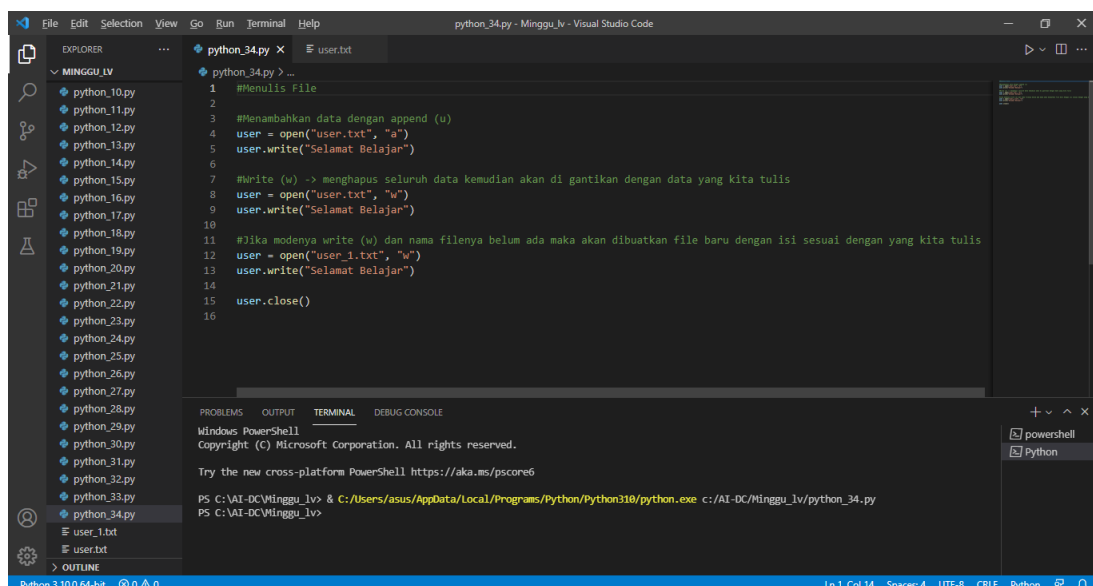
```
1 #Membaca File
2 #Membaca data keseluruhan
3 print("Hasil pertama -----")
4 user = open("user.txt", "r")
5 print(user.read())
6 print("Hasil kedua -----")
7 user = open("user.txt", "r")
8 print(user.readline())
9 print(user.readline())
10 print(user.readline())
11 print("Hasil Ketiga -----")
12 #Membaca data
13 user = open("user.txt", "r")
14 array = user.readlines()
15 print(array[2])
16 print("Hasil Keempat -----")
17 index = 1
18 for user in array:
19     print(f'{index} - {user}')
20     index += 1
21
```

The terminal output shows the results of running the script:

```
Hasil Ketiga -----
Prodi : Teknik Informatika - A

Hasil Keempat -----
1 - Nama : Asti Oktaviani
2 - NIM : 20.01.013.003
3 - Prodi : Teknik Informatika - A
4 - Mata Kuliah : Kecerdasan BuatanLink
```

Menulis File



The screenshot shows the Visual Studio Code interface with a Python file named `python_34.py` open. The code is as follows:

```
1 #Menulis File
2
3 #Menambahkan data dengan append (u)
4 user = open("user.txt", "a")
5 user.write("Selamat Belajar")
6
7 #write (w) -> menghapus seluruh data kemudian akan di gantikan dengan data yang kita tulis
8 user = open("user.txt", "w")
9 user.write("Selamat Belajar")
10
11 #Jika modanya write (w) dan nama filenya belum ada maka akan dibuatkan file baru dengan isi sesuai dengan yang kita tulis
12 user = open("user_1.txt", "w")
13 user.write("Selamat Belajar")
14
15 user.close()
16
```

The terminal output shows the command prompt and the execution of the script:

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

PS C:\VAI-DC\Winggu_lv> & C:/Users/asus/AppData/Local/Programs/Python/Python310/python.exe c:/AI-DC/Winggu_lv/python_34.py
PS C:\VAI-DC\Winggu_lv>
```