

MINGGU II PY6

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1. Exception

The first screenshot shows a VS Code editor with a file named `exception.py` containing the following Python code:

```
1 level = input("Level kamu : ")
2 level = int(level)
3 print(level)
```

The terminal output shows the program being executed in a Windows PowerShell window:

```
PS C:\Users\ASUS> & C:\Users\ASUS\AppData\Local\Programs\Python\Python310\python.exe "C:\Users\ASUS\Documents\tugas AI Mutiara\py\exception.py"
Level kamu : 5
PS C:\Users\ASUS>
```

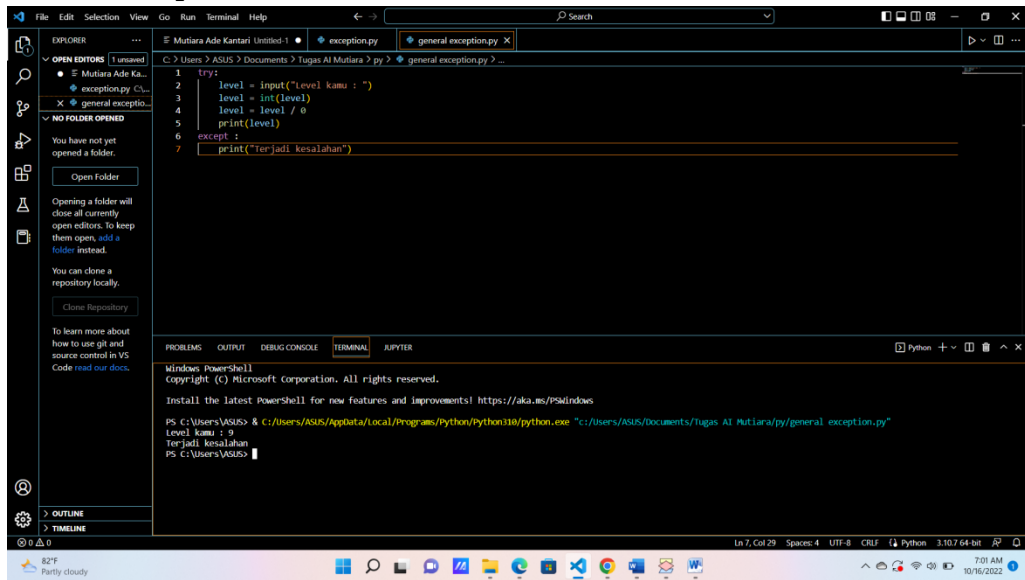
The second screenshot shows the same VS Code editor with a more complex Python program that uses try-except blocks to handle exceptions:

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

The terminal output shows the program being executed in a Windows PowerShell window:

```
PS C:\Users\ASUS> & C:\Users\ASUS\AppData\Local\Programs\Python\Python310\python.exe "C:\Users\ASUS\Documents\tugas AI Mutiara\py\exception.py"
Level kamu : 50
Error tidak bisa dibagi 0
PS C:\Users\ASUS>
```

2. General Exception



The screenshot shows the Visual Studio Code interface. The Explorer pane on the left shows a project named 'Mutlaria Ade Kantari' with a file named 'general_exception.py'. The main editor displays the following Python code:

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

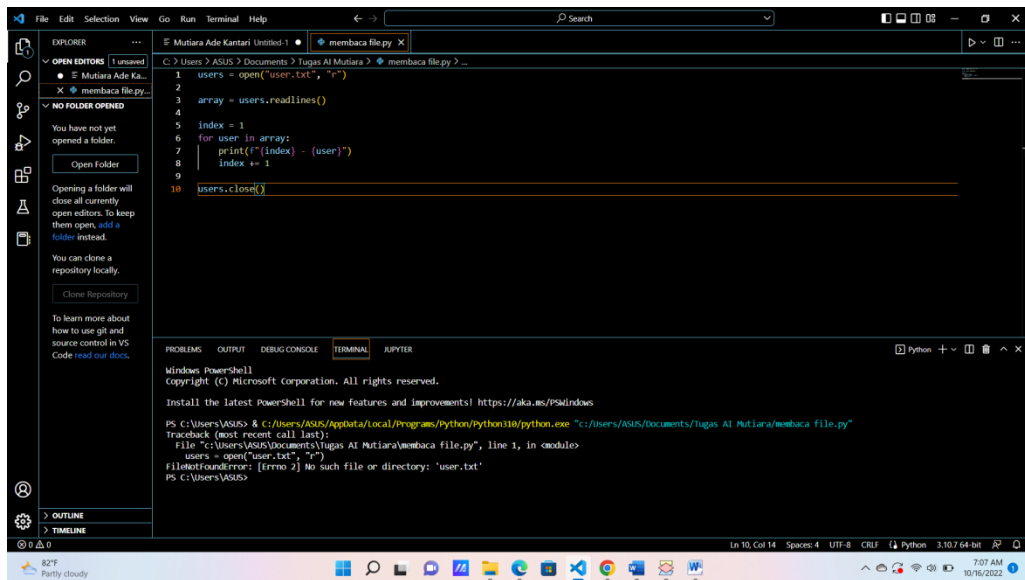
The TERMINAL pane at the bottom shows the output of running the script in a Windows PowerShell window:

```
Windows PowerShell
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PS C:\Users\ASUS> & C:/Users/ASUS/AppData/Local/Programs/Python/Python310/python.exe "C:/Users/ASUS/Documents/Tugas AI Mutlaria/py/general_exception.py"
Level kamu : 9
terjadi kesalahan
PS C:\Users\ASUS>
```

3. Membaca File



The screenshot shows the Visual Studio Code interface. The Explorer pane on the left shows a project named 'Mutlaria Ade Kantari' with a file named 'membaca file.py'. The main editor displays the following Python code:

```
1 users = open("user.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 pane at the bottom shows the output of running the script in a Windows PowerShell window:

```
Windows PowerShell
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PS C:\Users\ASUS> & C:/Users/ASUS/AppData/Local/Programs/Python/Python310/python.exe "C:/Users/ASUS/Documents/Tugas AI Mutlaria/membaca file.py"
Traceback (most recent call last):
  File "C:/Users/ASUS/Documents/Tugas AI Mutlaria/membaca file.py", line 1, in <module>
    users = open("user.txt", "r")
FileNotFoundError: [Errno 2] No such file or directory: 'user.txt'
PS C:\Users\ASUS>
```

4. Menulis File