

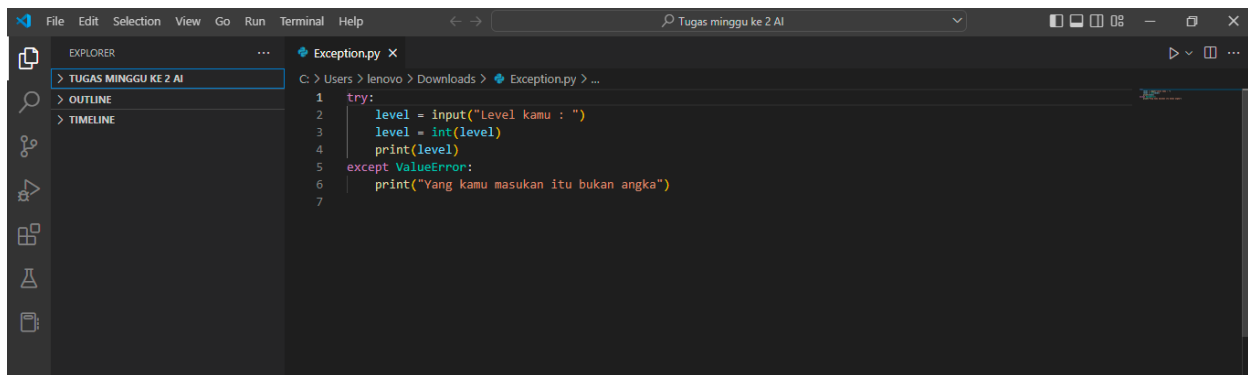
NAMA : FIRZA MAULANA

NIM : 211001038

KELAS : D/KECERDASAN BUATAN

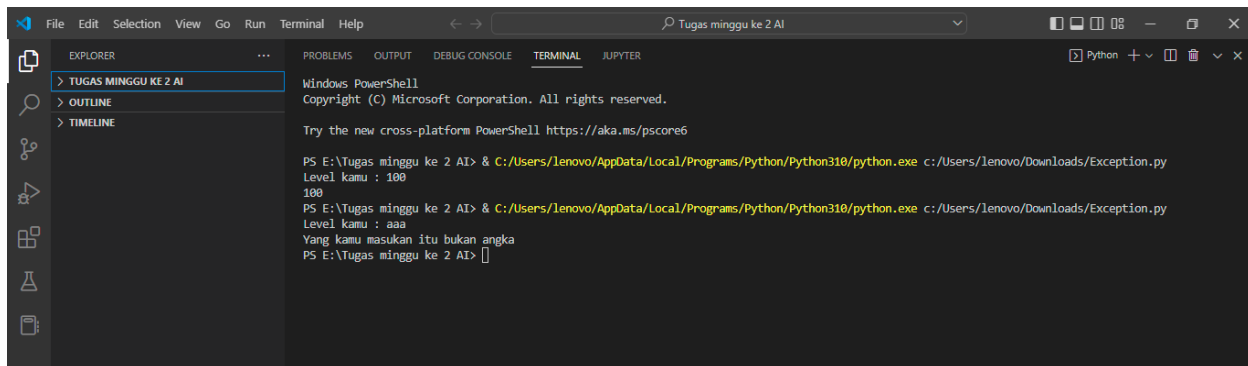
- Exception

Contoh dalam vs code



```
1 try:
2     level = input("Level kamu : ")
3     level = int(level)
4     print(level)
5 except ValueError:
6     print("Yang kamu masukan itu bukan angka")
7
```

Run VS CODE



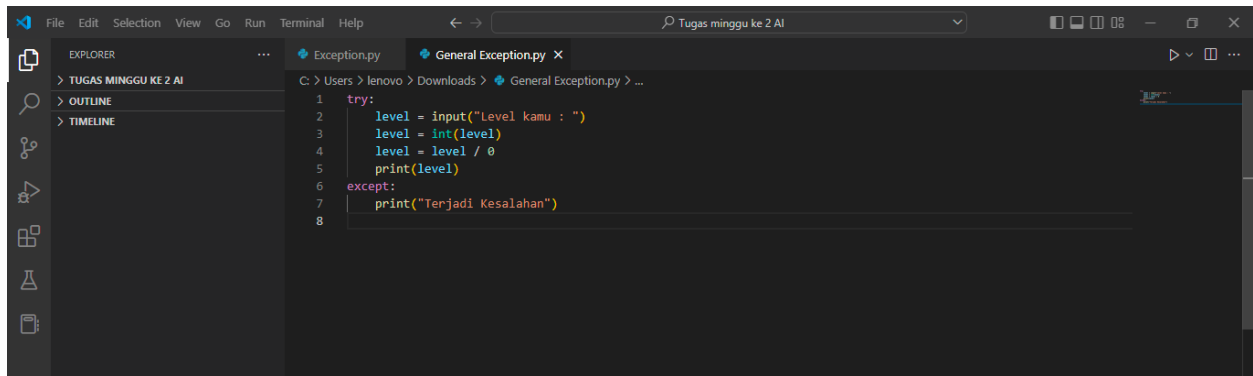
```
Windows PowerShell
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Try the new cross-platform PowerShell https://aka.ms/pscore6

PS E:\Tugas minggu ke 2 AI> & C:/Users/lenovo/AppData/Local/Programs/Python/Python310/python.exe c:/Users/lenovo/Downloads/Exception.py
Level kamu : 100
100
PS E:\Tugas minggu ke 2 AI> & C:/Users/lenovo/AppData/Local/Programs/Python/Python310/python.exe c:/Users/lenovo/Downloads/Exception.py
Level kamu : aaa
Yang kamu masukan itu bukan angka
PS E:\Tugas minggu ke 2 AI>
```

- General Exception

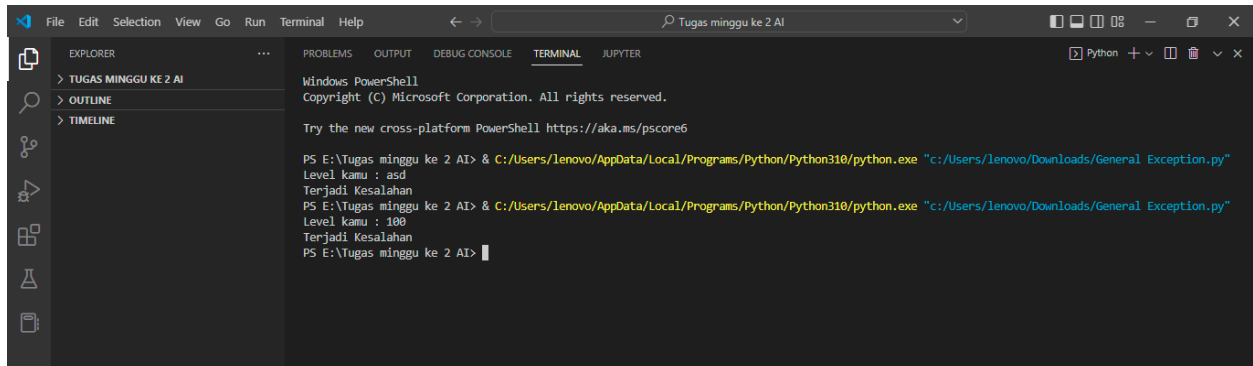
Contoh dalam VS CODE



The screenshot shows the Visual Studio Code editor interface. The Explorer panel on the left shows a project named 'TUGAS MINGGU KE 2 AI'. The main editor area displays a file named 'General Exception.py' with 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")
8
```

Run VS CODE



The screenshot shows the Visual Studio Code terminal window. The terminal is running a Windows PowerShell session. The user has executed the command to run the Python script 'General Exception.py'. The output shows that the script prompts for 'Level kamu : ' and then prints 'Terjadi Kesalahan' (Error Occurred) because of a division by zero error.

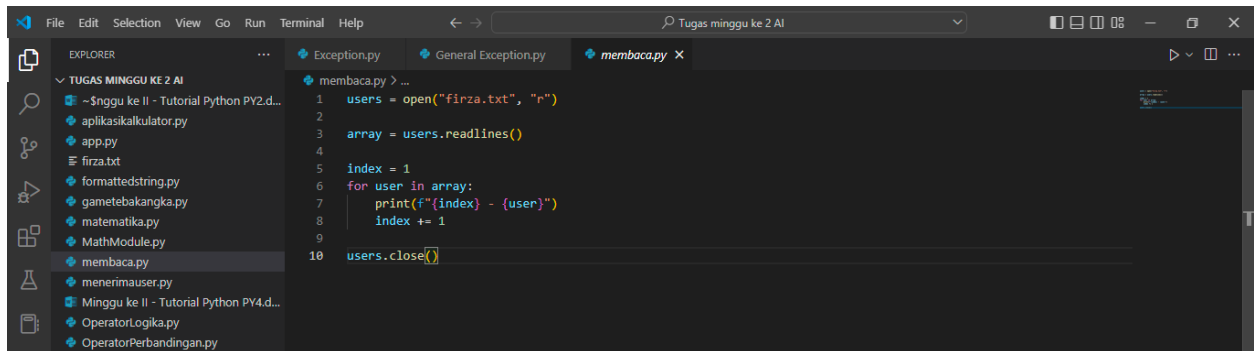
```
Windows PowerShell
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PS E:\Tugas minggu ke 2 AI> & "C:/Users/lenovo/AppData/Local/Programs/Python/Python310/python.exe" "c:/Users/lenovo/Downloads/General Exception.py"
Level kamu : asd
Terjadi Kesalahan
PS E:\Tugas minggu ke 2 AI> & "C:/Users/lenovo/AppData/Local/Programs/Python/Python310/python.exe" "c:/Users/lenovo/Downloads/General Exception.py"
Level kamu : 100
Terjadi Kesalahan
PS E:\Tugas minggu ke 2 AI>
```

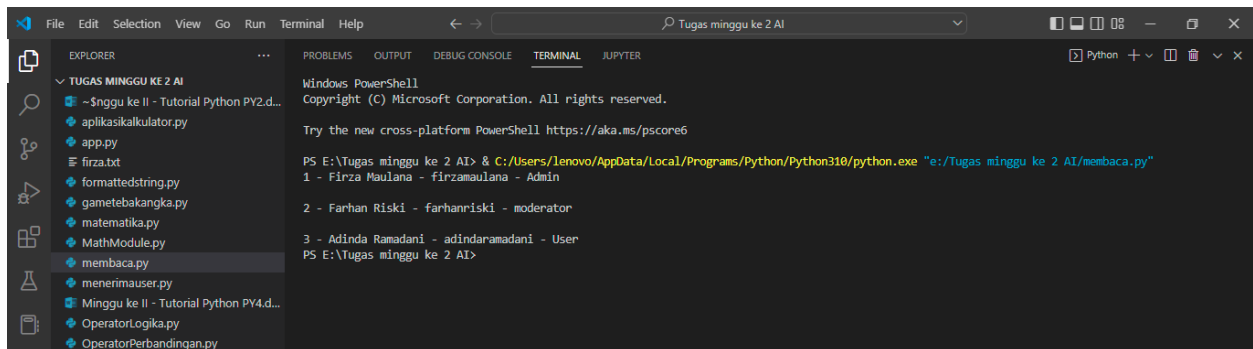
- Membaca File

Contoh dalam VS CODE



```
1 users = open("firza.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()
```

Run VS CODE



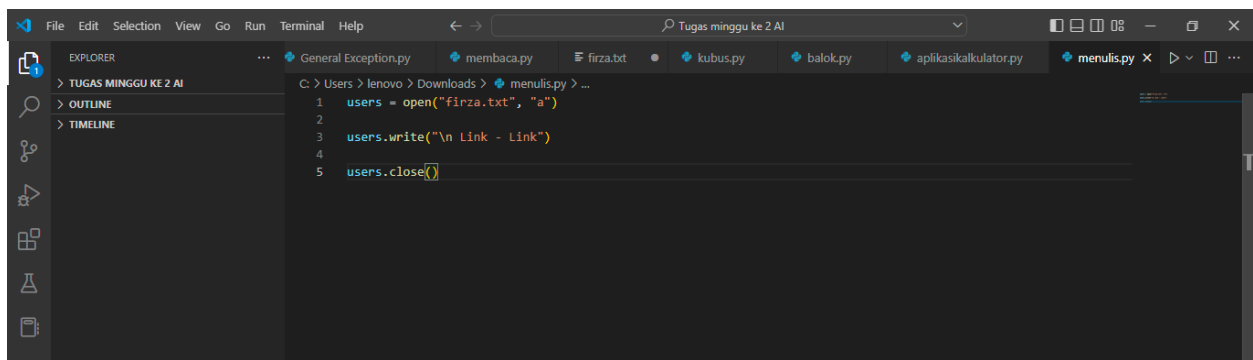
```
Windows PowerShell
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Try the new cross-platform PowerShell https://aka.ms/pscore6

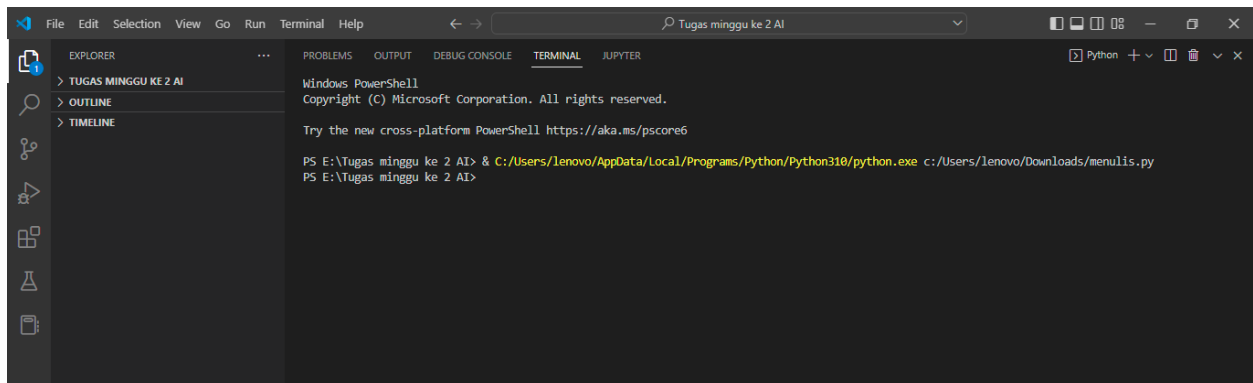
PS E:\Tugas minggu ke 2 AI> & C:/Users/lenovo/AppData/Local/Programs/Python/Python310/python.exe "e:/Tugas minggu ke 2 AI/membaca.py"
1 - Firza Maulana - firzamaulana - Admin
2 - Farhan Riski - farhanriski - moderator
3 - Adinda Ramadani - adindaramadani - User
PS E:\Tugas minggu ke 2 AI>
```

- Menulis File

Contoh dalam VS CODE

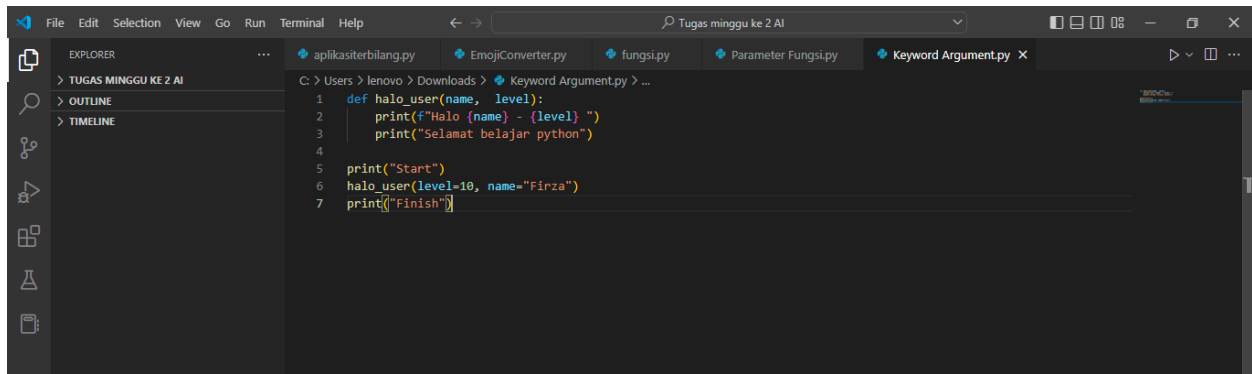


Run VS CODE



- Keyword Argument

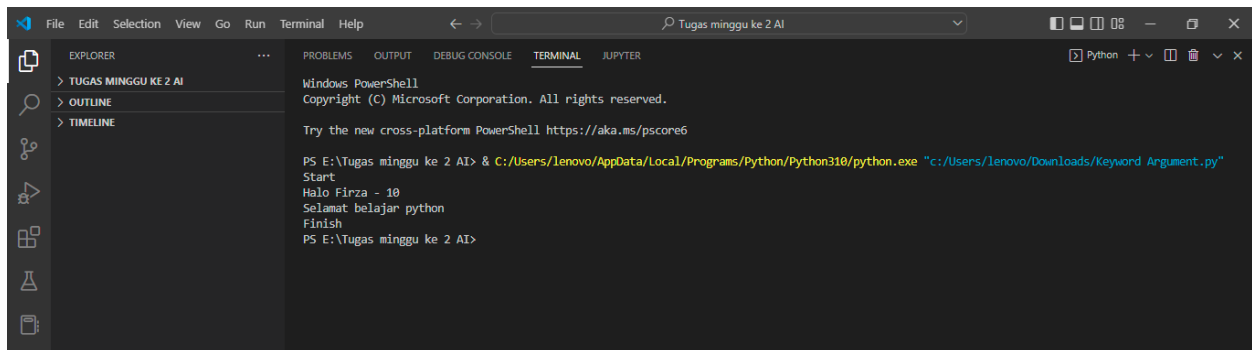
Contoh dalam VS CODE



The screenshot shows the VS Code editor interface. The Explorer sidebar on the left shows a project named 'TUGAS MINGGU KE 2 AI'. The main editor area displays a file named 'Keyword Argument.py' with the following Python code:

```
C: > Users > lenovo > Downloads > Keyword Argument.py > ...  
1 def halo_user(name, level):  
2     print(f"Halo {name} - {level} ")  
3     print("Selamat belajar python")  
4  
5     print("Start")  
6     halo_user(level-10, name="Firza")  
7     print("Finish")
```

Run VS CODE

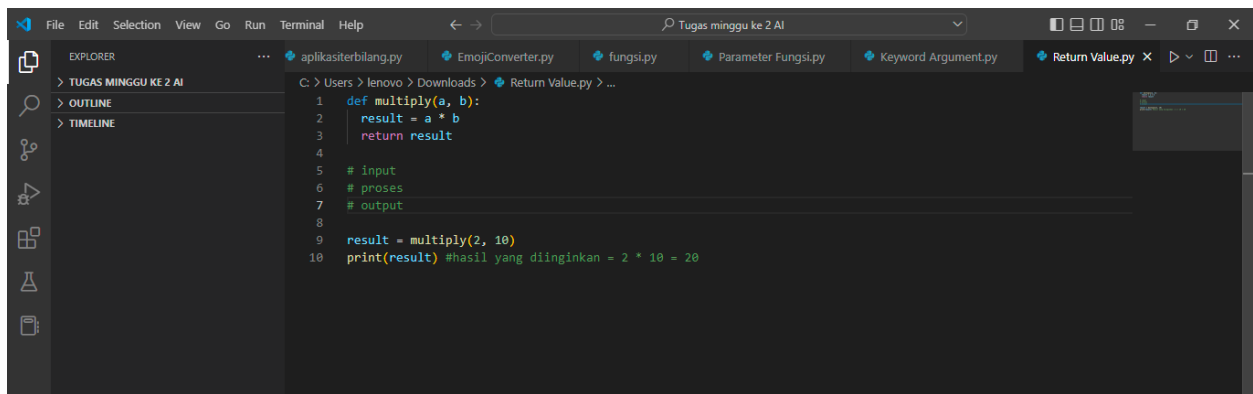


The screenshot shows the VS Code terminal window. The terminal is running a PowerShell command to execute the Python script. The output of the script is displayed in the terminal:

```
Windows PowerShell  
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Try the new cross-platform PowerShell https://aka.ms/pscore6  
  
PS E:\Tugas minggu ke 2 AI> & C:/Users/lenovo/AppData/Local/Programs/Python/Python310/python.exe "c:/Users/lenovo/Downloads/Keyword Argument.py"  
Start  
Halo Firza - 10  
Selamat belajar python  
Finish  
PS E:\Tugas minggu ke 2 AI>
```

- Return Value

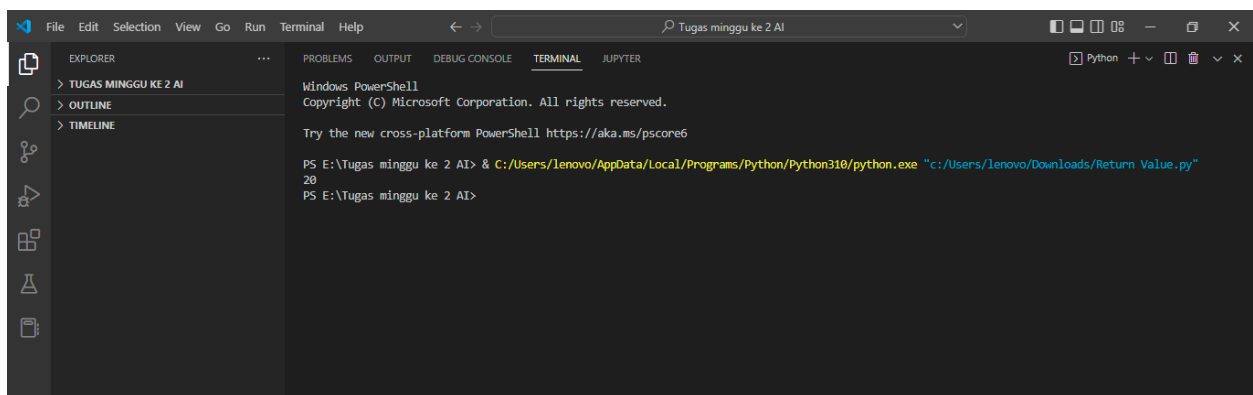
Contoh dalam VS CODE



The screenshot shows the VS Code editor interface. The Explorer panel on the left shows a project named 'TUGAS MINGGU KE 2 AI'. The main editor area displays a Python file named 'Return Value.py' with the following code:

```
1 def multiply(a, b):
2     result = a * b
3     return result
4
5 # input
6 # proses
7 # output
8
9 result = multiply(2, 10)
10 print(result) #hasil yang diinginkan = 2 * 10 = 20
```

Run VS CODE



The screenshot shows the VS Code terminal window. The terminal is running a PowerShell command to execute the Python script. The output shows the result of the multiplication.

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

PS E:\Tugas minggu ke 2 AI> & C:/Users/lenovo/AppData/Local/Programs/Python/Python310/python.exe "c:/Users/lenovo/Downloads/Return Value.py"
20
PS E:\Tugas minggu ke 2 AI>
```