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Py 6

## 1.exception

```
python31.py > ...
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")
```

PROBLEMS OUTPUT TERMINAL DEBUG CONSOLE

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```
PS C:\AI-OC\Winggs_i> & C:\Users\asus\AppData\Local\Programs\Python\Python318\python.exe c:/AI-OC/Winggs_i/python31.py
level anda : 10
10
Error, tidak bisa dibagi 0
PS C:\AI-OC\Winggs_i> & C:\Users\asus\AppData\Local\Programs\Python\Python318\python.exe c:/AI-OC/Winggs_i/python31.py
level anda : Satu
Yang anda masukkan bukan angka
PS C:\AI-OC\Winggs_i>
```

## 2.general exception

```
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
```

PROBLEMS OUTPUT TERMINAL DEBUG CONSOLE

Minhan PowerShell  
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```
PS C:\AI-OC\Winggs_i> & C:\Users\asus\AppData\Local\Programs\Python\Python318\python.exe c:/AI-OC/Winggs_i/python31.py
level anda : 100
100
Terjadi Kesalahan
PS C:\AI-OC\Winggs_i> & C:\Users\asus\AppData\Local\Programs\Python\Python318\python.exe c:/AI-OC/Winggs_i/python31.py
level anda : Seratus
Terjadi Kesalahan
PS C:\AI-OC\Winggs_i>
```

### 3.menulis

```
in_34.py x user.txt
in_34.py > ...
#Menulis file

#Menambahkan data dengan append (a)
user = open("user.txt", "a")
user.write("Selamat Belajar")

#Write (w) -> menghapus seluruh data kemudian akan di gantikan dengan data yang kita tulis
user = open("user.txt", "w")
user.write("Selamat Belajar")

#Jika modusnya write (w) dan nama filenya belum ada maka akan dibuatkan file baru dengan isi
user = open("user_1.txt", "w")
user.write("Selamat Belajar")

user.close()
```

MS OUTPUT TERMINAL DEBUG CONSOLE

as PowerShell

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AI-DC\Minggu\_lv> & C:/Users/asus/AppData/Local/Programs/Python/Python310/python.exe c:/AI-DC/Minggu\_lv>

### 4.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
```