CodeWithHarry



Try, Except, Else and Finally in python explained | Advanced python tutorials

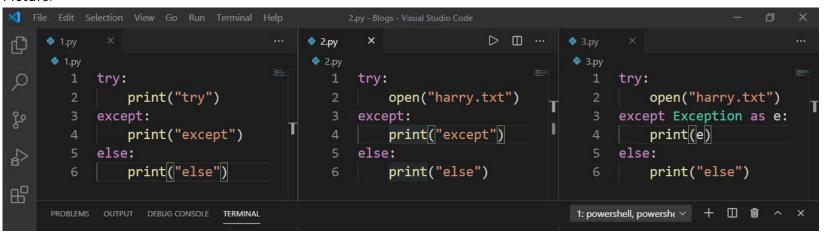
Try: As the word says, this block allows us to try code even with errors and doesn't crash the code.

Except: This block allows us to print the error.

Else: If try works then else will execute, out of except and else only one thing executes. It will be easier to understand if you analyze the picture below.

Finally: Code in this block will anyway compile, no matter what is in try-except block.

Picture:

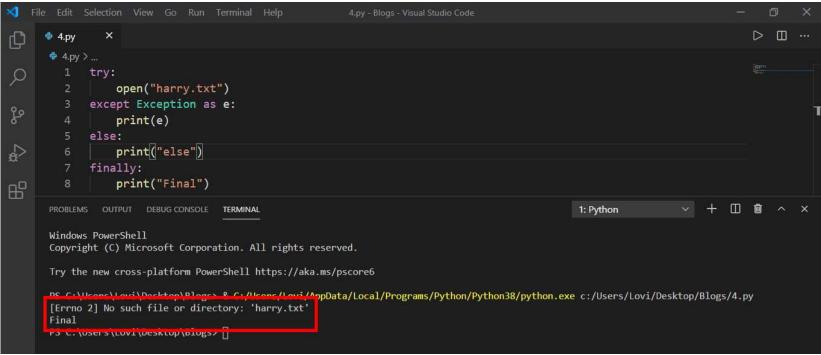


```
Windows PowerShell
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                                                       rs C. Wsers\Lovi\Desktop\Blogs> python 2.py
       73 C. Users\Lovi\Desktop\Blogs> python 1.py
                                                                                                        [Errno 2] No such file or directory: 'harry.
                                                       PS C:\Users\Lovi\Desktop\Blogs> []
            ...Users\Lovi\Desktop\Blogs> [
畿
```

In 1.py, try and else ran as I told if try is compiling then else will run.

In 2.py, except ran as there is no such file in the directory and if try isn't running then else won't run.

In 3.py, except ran because again there is no such file but this time we learnt how to print the error.



In 4.py, finally runs irrespective of try, except, else block. After try and except it will run at the end no matter what.

Some other videos on the channel on same topic:

https://www.codewithharry.com/videos/python-tutorials-for-absolute-beginners-24 https://www.codewithharry.com/videos/python-tutorials-for-absolute-beginners-76

#tut3a.py file as described in the video

```
try:
    open("this.txt")
except Exception as e:
    print(e)
# open("this.txt")
print("program zinda hai")
```

#tut3b.py file as described in the video

```
try:
    file = open("this.txt", 'r')
except EOFError as e:
    print("eof error")
except IOError as e:
    print("we can handle this error")
finally:
    print("This will be printed irrespective of the exception occurrence")
```

#tut3c.py file as described in the video