Tasks and Results

Exercise 1: Write a Python program to read a file and display its contents

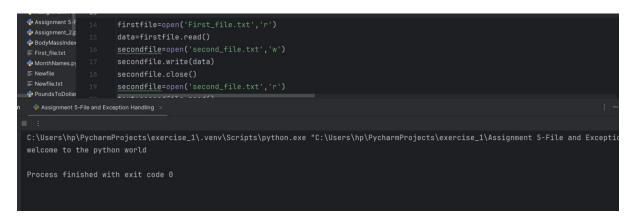
```
C:\Users\hp\PycharmProjects\exercise_1\.venv\Scripts\python.exe "C:\Users\hp\PycharmProjects\exercise_1\Assignment 5-File and Exception
welcome to the world of python

Process finished with exit code 0

**The code is a second of the code is a sec
```

Exercise 2:

Write a Python program to copy the contents of one file to another file



Exercise 3:

Write a Python program to read the content of a file and count the total number of words in that file.

```
## C:\Users\hp\PycharmProjects\exercise_1\.venv\Scripts\python.exe "C:\Users\hp\PycharmProjects\exercise_1\Assignment 5-File and Exception

| Total number of words: 4
```

Exercise 4:

Write a Python program that prompts the user to input a string and converts it to an integer. Use try-except blocks to handle any exceptions that might occur

```
enter a string:14

The converted integer is: 14

For proper execution enter number string

Process finished with exit code 0
```

Exercise 5:

Write a Python program that prompts the user to input a list of integers and raises an exception if any of the integers in the list are negative.

```
⇒ Please enter a list of integers: 1 5 8 47 50

⇒ All integers are positive. List accepted.

⇒ Process finished with exit code 0
```

Exercise 6:

Write a Python program that prompts the user to input a list of integers and computes the average of those integers. Use try-except blocks to handle any exceptions that might occur. use the finally clause to print a message indicating that the program has finished running.

```
Please enter a list of integers: 1 54 32 85 14

The average of the integers is: 37.2

Program has finished running.

Process finished with exit code 0
```

Exercise 7:

Write a Python program that prompts the user to input a filename and writes a string to that file. Use try-except blocks to handle any exceptions that might occur and print a welcome message if there is no exception occurred.

Please enter a filename to write to: Newfile

File written successfully! Welcome message added.

Process finished with exit code 0