

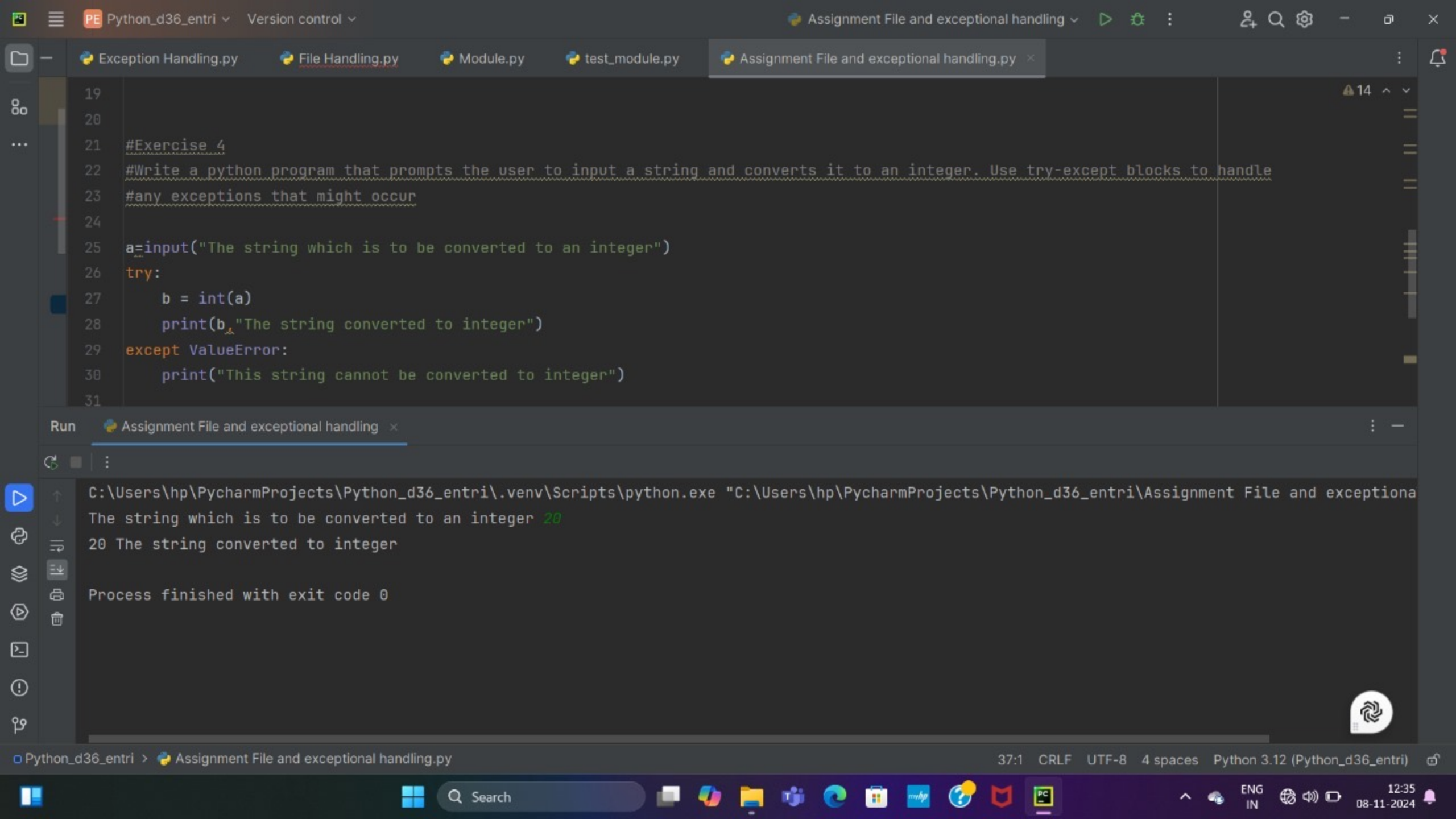
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Session_13.py File Handling.py Module.py Assignment Functions.py test_module.py Assignment File and exceptional handling.py x
```

```
12 #Exercise 3
13 #Write a python program to read the content of a file and count the total number of words in that file
14 with open("C:\\Users\\hp\\OneDrive\\Desktop\\File Handling\\Hello.txt","r") as file:
15     data = file.read()
16     print(data)
17     print(data.split())
18     print(len(data.split()))
19
20
```

```
Run Assignment File and exceptional handling x
```

```
C:\Users\hp\PycharmProjects\Python_d36_entri\.venv\Scripts\python.exe "C:\Users\hp\PycharmProjects\Python_d36_entri\Assignment File and exceptiona
Hello
Welcome to the world of python
['Hello', 'Welcome', 'to', 'the', 'world', 'of', 'python']
7

Process finished with exit code 0
```



Exception Handling.py File Handling.py Module.py test_module.py Assignment File and exceptional handling.py

```
35
36
37 #Exercise 5
38 #Write a python program that prompts the user to input a list of integers and raises an exception if any of the integers
39 #In the list are negative
40 try:
41     input = input("Enter a list of integers:")
42     integers = [int(x) for x in input.split()]
43     if any(x < 0 for x in integers):
44         raise ValueError
45     print("All integers are non negative")
46 except ValueError:
47     print("Enter Non-negative integers")
```

Run Assignment File and exceptional handling

C:\Users\hp\PycharmProjects\Python_d36_entri\.venv\Scripts\python.exe "C:\Users\hp\PycharmProjects\Python_d36_entri\Assignment File and exceptiona

Enter a list of integers:3 -5 6 8 9

Enter Non-negative integers

Process finished with exit code 0

```
56 #try-except blocks to handle any exceptions that might occur. Use the finally clause to print a message indicating that the program
57 #has finished running
58 try:
59     user_input = input("Enter a list of integers:")
60     integers = [int(x) for x in user_input.split()]
61     if any(x < 0 for x in integers):
62         raise ValueError("Negative integers not allowed")
63     average = sum(integers) / len(integers)
64     print(average)
65 except ValueError:
66     print("Invalid Input")
67 except ZeroDivisionError:
68     print("Cannot calculate average of an empty list")
69 finally:
70     print("Program has finished running")
```

Run Assignment File and exceptional handling

```
C:\Users\hp\PycharmProjects\Python_d36_entri\.venv\Scripts\python.exe "C:\Users\hp\PycharmProjects\Python_d36_entri\Assignment File and exceptiona
Enter a list of integers:2 3 4 5 6
4.0
Program has finished running
Process finished with exit code 0
```

```

67
68 #Exercise 7
69 #Write a python program that prompts the user to input a filename and writes a string to that file.Use try-except blocks
70 #to handle any exceptions that might occur and print a welcome message if there is no exception occurred
71 try:
72     filename = input("Enter the filename:")
73     with open(filename,"w") as file:
74         user_input = input("Enter a string to write to file:")
75         file.write(user_input)
76     print("Welcome,Your file has been created")
77 except FileNotFoundError:
78     print("The file doesn't exist")
79 except Exception as e:
80     print("An error Occured")
    
```

Run Assignment File and exceptional handling

```

C:\Users\hp\PycharmProjects\Python_d36_entri\.venv\Scripts\python.exe "C:\Users\hp\PycharmProjects\Python_d36_entri\Assignment File and exceptiona
Enter the filename:Hello.txt
Enter a string to write to file:Helloo
Welcome,Your file has been created

Process finished with exit code 0
    
```