

FileHandling.py / ...

```
1 #1st question|
2 with open("test.txt","r") as file1:
3     content=file1.read()
4     print(content)
```

PROBLEMS

OUTPUT

DEBUG CONSOLE

TERMINAL

PORTS

SQL CONSOLE

Microsoft Windows [Version 10.0.22631.4602]  
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C:\Users\karun\Desktop\python>C:/Users/karun/AppData/Local/Program  
This is an example for the assignment file handling.

Another example sentence.

```
7  #2nd question
8  starting=input("Enter the source filename: ")
9  destination=input("Enter the destination filename: ")
10 with open(starting,"r") as file1,open(destination,"w") as file2:
11     for line in file1:
12         file2.write(line)
13         print("File copied successfully")
14
15
16
```

PROBLEMS

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DEBUG CONSOLE

TERMINAL

PORTS

SQL CONSOLE

SEARCH ERROR

Microsoft Windows [Version 10.0.22631.4602]  
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```
C:\Users\karun\Desktop\python>C:/Users/karun/AppData/Local/Programs/Python/Python
Enter the source filename: test.txt
Enter the destination filename: test2.txt
File copied successfully
File copied successfully
File copied successfully
```

```
14
15 #3rd question
16 with open("test.txt","r") as file1:
17     content=file1.read()
18     words=content.split()
19     word_number=len(words)
20     print(word_number)
21
```

PROBLEMS

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SEARCH ERROR

C:\Users\karun\Desktop\python>C:/Users/karun/AppData/Local/Programs/Python/Python

12

```
21
22 #4th question
23 try:
24     string=input("Enter a string: ")
25     num_string=int(string)
26     print(f"The string is: {num_string}")
27 except Exception as e:
28     print(f"Some error occured: {e}")
29
30
31
32
33
34
```

PROBLEMS

OUTPUT

DEBUG CONSOLE

TERMINAL

PORTS

SQL CONSOLE

SEARCH ERROR

C:\Users\karun\Desktop\python>C:/Users/karun/AppData/Local/Programs/Python/Python311

Enter a string: 12332

The string is: 12332

```
29
30 #5th question
31 lists=[]
32 try:
33     num1=int(input("Enter a list of integers: "))
34     lists.append(num1)
35     for i in lists:
36         if i < 0:
37             raise ValueError
38     print("All are positive")
39 except Exception as e:
40     print(f"Some error occurred: {e}")
41
42
```

PROBLEMS

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DEBUG CONSOLE

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PORTS

SQL CONSOLE

SEARCH ER

```
Enter a list of integers: 2344
All are positive
```

```
42 #6th question
43 try:
44     num1=input("Enter few numbers: ")
45     integer_list = [int(x) for x in num1.split()]
46     average=sum(integer_list)/ len(integer_list)
47     print(f"The average of the numbers is: {average}")
48 except Exception as e:
49     print(f"Some error occured: {e}")
50 finally:
51     print("Code has been executed")
```

PROBLEMS

OUTPUT

DEBUG CONSOLE

TERMINAL

PORTS

SQL CONSOLE


SEARCH ERROR

C:\Users\karun\Desktop\python>C:/Users/karun/AppData/Local/Programs/Python/Python311/python.exe c:/Users/k

Enter few numbers: 2 3 4 5 6

The average of the numbers is: 4.0

Code has been executed

```
52
53  #7th question
54  try:
55      filename=input("Enter filename: ")
56      message=input("Enter the message: ")
57       with open(filename,"a") as file1:
58          |   file1.write(message)
59      print("Message has been written")
60  except Exception as e:
61      print(f"Some error occurred: {e}")
```

PROBLEMS

OUTPUT

DEBUG CONSOLE

TERMINAL

PORTS

SQL CONSOLE

SEARCH ERROR

C:\Users\karun\Desktop\python>C:/Users/karun/AppData/Local/Programs/Python/Python311/python.exe c:/Users

Enter filename: test.txt

Enter the message: for the 7th question

Message has been written