```python
#Exercise 1 : Write a Python program to write some text to a File
file = open("D:\\USERDATA DONT DELETE\\Desktop\\sample.txt", "w")
file.writelines("Hellow this is wednesday,\n")
file.writelines("This month is April,\n")
file.writelines("This year is 2023,\n")
file.close()
#Exercise 2 : Write a Python program appent some text to a File
file = open("D:\\USERDATA DONT DELETE\\Desktop\\sample.txt", "a")
file.writelines("Hellow 19-04-23 Wednesday,\n")
file.writelines("Hellow 20-04-23 Thursday,\n")
file.writelines("Hellow 21-04-23 Friday")
file.close()

file = open("D:\\USERDATA DONT DELETE\\Desktop\\sample.txt", "r")
read = file.read()
print(read)
```

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un: Python_Class
"C:\Users\VINOD VM\PycharmProjects\pythonProject\venv\Scripts\python.e
Hellow this is wednesday,
This month is April,
This year is 2023,
Hellow 19-04-23 Wednesday,
Hellow 20-04-23 Thursday,
Hellow 21-04-23 Friday
```

```python
#Exercise 3 : Copy the contents of one file into another
try:
    with open("D:\\USERDATA DONT DELETE\\Desktop\\source_file.txt", 'r') as source:
        with open("D:\\USERDATA DONT DELETE\\Desktop\\destination_file.txt", 'w') as destination:
            destination.write(source.read())
            print(f"Contents of file copied to file2 successfully")
except FileNotFoundError:
    print("Error : File not Found")
except Exception as e:
    print(f"Error : {e}")
```

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with open("D:\\USERDATA DONT DE... › with open("D:\\USERDATA DONT DE...
Python_Class
"C:\Users\VINOD VM\PycharmProjects\pythonProject\venv\Scripts\python.exe" "C:\Users\VINOD VM\PycharmP
Contents of file copied to file2 successfully

Process finished with exit code 0
```

```python
#Exercise 4 : Write a Python program to read the content of a file
# and count the total number of words in that file
file = open("D:\\USERDATA DONT DELETE\\Desktop\\sample.txt", "r")
read = file.read()
print(read)
print(f"Total Number of Words : ", len(read))
file.close()
```

Python_Class

```
"C:\Users\VINOD VM\PycharmProjects\pythonProject\venv\Scripts\python.
Hellow this is wednesday,
This month is April,
This year is 2023,
Hellow 19-04-23 Wednesday,
Hellow 20-04-23 Thursday,
Hellow 21-04-23 Friday
Total Number of Words :  141

Process finished with exit code 0
```

```python
#Exercise 5:
#Write a Python program to read the content of a file and count
# the number of occurrences of a specific word in that file
count = 0
with open("D:\\USERDATA DONT DELETE\\Desktop\\sample.txt", "r") as file:
    content = file.read()
    words = content.split()
    for Hellow in words:
        word = "Hellow"
        if Hellow == word:
            count += 1
print(content)
print(f"The Word 'Hellow' is {count} times in the file")
file.close()
```

Python_Class

```
"C:\Users\VINOD VM\PycharmProjects\pythonProject\venv\Scripts\python.exe" "C
Hellow this is wednesday,
This month is April,
This year is 2023,
Hellow 19-04-23 Wednesday,
Hellow 20-04-23 Thursday,
Hellow 21-04-23 Friday
The Word 'Hellow' is 4 times in the file
```

```python
#Exercise 6 :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
while True:
    user_input = input("Enter a Number : ")
    try:
        num = int(user_input)
        print("Inpur converted the number successfully")
        print("The Integer is ", num)
        break
    except ValueError:
        print("Input is not a valid integer, Please Try again !")
```

Python_Class

```
"C:\Users\VINOD VM\PycharmProjects\pythonProject\venv\Scripts\python.exe
Enter a Number : arun
Input is not a valid integer, Please Try again !
Enter a Number : 12
Inpur converted the number successfully
The Integer is  12
```

```python
#Exercise 7 : 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.

def check_for_negative_numbers(numbers):
    for num in numbers:
        if num < 0:
            raise ValueError("Negative Numbers are not allowed")

try:
    input_str = input("Input a list of integers seperated by space : ")
    numbers = list(map(int,input_str.split()))
    check_for_negative_numbers(numbers)
    print("List of numbers : ", numbers)
except ValueError as e:
    print("Error ",e)
```

Python_Class

```
"C:\Users\VINOD VM\PycharmProjects\pythonProject\venv\Scripts\python.exe" "C:\
Input a list of integers seperated by space : 1 2 3 4 5 6 -7
Error  Negative Numbers are not allowed

Process finished with exit code 0
```