

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

```
1 file1=open("Sample","r")
2 print(file1.read())
3 file1.close()
4
5
```

Run Exercise 1 ×

```
> :
C:\Users\Dell\Python\pythonProject\.venv\Scripts\python.exe
Python language is my favorite subject to learn!!!
I love coding
Process finished with exit code 0
```

Exercise 2: Write a Python program to copy the contents of one file to another file

```
1 f=("Sample")
2 f1=("Sample 2")
3 file1=open(f,"r")
4 data=file1.read()
5 with open(f1,"a") as file:
6     file.write(data)
7 print("completed")
```

Run Exercise 2 ×

```
> :
C:\Users\Dell\Python\pythonProject\.venv\Scripts\python.exe
completed
Process finished with exit code 0
```

Exercise 2.py Sample 2 ×

```
1
2 I AM THE HAPPIEST OF THEM ALLPython language is my favorite subject to learn!!!
3 I love coding
```

Exercise 3: Write a Python program to read the content of a file and count the total number of words in that file.

```
1 file1=open("Sample","r")
2 count=0
3 for line in file1:
4     words = line.split(" ")
5     count+=len(words)
6 file1.close()
7 print("Number of words in a Sample textfile is",count)
8
```

Run Exercise 3 ×

```
> :
C:\Users\Dell\Python\pythonProject\.venv\Scripts\python.exe
Number of words in a Sample textfile is 11
Process finished with exit code 0
```









