



University Institute of Engineering
Department of Computer
Science & Engineering

DISRUPTIVE TECHNOLOGY-1
WORKSHEET

Project: File handling using python

Student Name: Ayush Saxena

UID: 22BCS10778

Branch: Computer Science & Engineering

Section/Group: 22BCS212-A

Semester: First

Date of Performance: 02/09/22

Subject Name: DISRUPTIVE TECHNOLOGY-1

Subject Code: 22ECH-102

1.1 Read file and print its content line by line:

```

1
2 try:
3     fp = open('')
4     for line in fp:
5         print (line)
6     fp.close()
7
8 except:
9     print("Error!! No such file exist")

```

Error!! No such file exist

Read from one, Convert it to upper case and write to other

```

1 try:
2     readFp = open('/content/cu.txt','r')          # Open the file in reading mode
3     writeFp = open('/content/c.txt','w')         # Open the file in writing mode
4
5     for line in readFp:
6         writeFp.write(line.upper()) # can write lower as well
7
8     readFp.close()
9     writeFp.close()
10    #print ("Writing done !! \nOpen the file to view the content")
11    #To check the output
12    fp = open('/content/c.txt')    # Open the file in reading mode
13    for line in fp:                # Print line by line
14        print (line)
15    fp.close()                    # Close the file
16
17 except:
18    print("Error !! Unable to open file.")

```

CHANDIGARH UNIVERSITY IS A PRIVATE UNIVERSITY LOCATED IN MOHALI, PUNJAB, INDIA.

THE UNIVERSITY WAS ESTABLISHED ON 10 JULY 2012 BY AN ACT OF PUNJAB STATE LEGISLATURE.

IT IS RECOGNIZED BY UNIVERSITY GRANTS COMMISSION UNDER SECTION 2 WITH THE RIGHT TO CO



1.2:Writing 1 to 10 in

```
1
2 fp = open('/content/c.txt','w')
3
4 for i in range(1,11):
5     fp.write(str(i) + "\n")
6
7 fp.close()
8
9
10 try:
11     fp = open('/content/c.txt')
12     for line in fp:
13         print (line)
14     fp.close()
15 except:
16     print("Error!! No such file exist")
```

```
1
2
3
4
5
6
7
8
9
10
```

```
1 try:
2     fp = open('/content/c.txt','r')
3     for line in fp:
4         print (line)
5     fp.close()
6 except:
7     print("Error!! No such file exist")
```

```
1
2
3
```

4

5

6

7

8

9

10

1.4:Appending to a

```

1
2 try:
3     readFp = open('/content/thoughts.txt','r')
4     writeFp = open('/content/java.txt','a')
5
6     for line in readFp:
7         writeFp.write(line)
8
9     readFp.close()
10    writeFp.close()
11    fp = open('/content/java.txt')
12    for line in fp:
13        print (line)
14    fp.close()
15
16
17 except:
18     print("Error !! Unable to open file.")

```

HELLO EVERYONE

HOW R U

HELLO EVERYONE

HOW R U

"The best way to predict your future is to create it."

"The future belongs to those who believe in the beauty of their dreams."

"You are braver than you believe, stronger than you seem and smarter than you think."

"The best way to predict your future is to create it."

"The future belongs to those who believe in the beauty of their dreams."

"You are braver than you believe, stronger than you seem and smarter than you think."

1.5:Creating file

```

1
2 try:
3     writeFp = open('hlo.txt','x')
4     writeFp.close()
5
6     print ("Done")
7
8 except:
9     print("Error !! File already exist.")

```

Done

```

1 try:
2     writeFp = open('cu.txt','x')
3     writeFp.close()
4
5     print ("Done")
6
7 except:
8     print("Error !! File already exist.")

```

Error !! File already exist.

1.6:get all files (and directions) in the current directory-version 1

```

1
2 import os
3 allFiles = os.listdir()
4 print(allFiles)
5

```

['.config', 'hlo.txt', 'c.txt', 'cu.txt', 'xyz1.txt', 'python.txt', 'fl.txt', 'thought



1.8:get the current working directory

```

1
2 import os
3
4 currentDirName = os.getcwd()
5
6 print(currentDirName)
7

```

/content

1.9:Delete file

```

1
2 import os
3
4 try:
5     os.remove("xyz1.txt")
6     print ("File Deleted !!")
7 except:
8     print ("Error !! File not found ")

```

File Deleted !!

1.10:Check file exist

```

1
2 import os
3
4 if os.path.exists("xyz1.txt"):
5     os.remove("xyz1.txt")
6 else:
7     print("The file does not exist")
8

```

The file does not exist

```

1 try:
2     writeFp = open('xyz1.txt','x')
3     writeFp.close()
4
5     print ("Done")
6
7 except:
8     print("Error !! File already exist.")

```

Done

input form user

```
1
2 a = input("Enter Anything(Name/Numer): ")
3 print(a)
4 print("\nYour Input is      -->",a)
5 print(type(a))
```

```
Enter Anything(Name/Numer): dev
chinu
```

```
Your Input is      --> dev
<class 'str'>
```

```
1 a="goodmorning , everyone. "
2 print(a)
3 type(a)
```

```
goodmorning , everyone.
str
```

[Colab paid products](#) - [Cancel contracts here](#)

 0s completed at 6:41 PM

