

Assignment Day 4 | 12th December 2020

Question 1

Write down a program in Python for Opening a File and Writing " I Love LetsUpgrade" And close it, and read it back again, and then append some data to it and close it.

Example:

```
f = open("demofile3.txt", "w")  
f.write("I Love LetsUpgrade")  
f.close()
```

```
f = open("demofile3.txt", "r")  
print(f.read())
```

Output:

```
C:\Users\My Name>python demo_file_write.py  
I Love LetsUpgrade
```

Question 2

Write a function which can return a Factorial of any numbers as INT, given in the argument.

Example:

```
def factorial(n):  
    if n == 0:  
        return 1  
  
    return n * factorial(n-1)  
  
num = 5;  
print("Factorial of", num, "is",  
      factorial(num))
```

Output:

```
Factorial of 5 is 120
```