Assignment 4

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.

```python
In [6]: xyz = open("LetsUpgrade.txt",'w')

xyz.write("I Love LetsUpgrade")

xyz.close()
```

```python
In [7]: xyz = open("LetsUpgrade.txt", "r")

content = xyz.read()

xyz.close()
```

```python
In [8]: content
```

```
Out[8]: 'I Love LetsUpgrade'
```

```python
In [9]: xyz = open("LetsUpgrade.txt",'a')

xyz.write(" Enjoying learning ")

xyz.close()
```

Question 2

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

In [10]:
```python
num=int(input(' Enter a number '))
f=1
for i in range(1,num+1):
    f=f*i
print ('Factorial of', num, '=',f)
```

```
 Enter a number 6
Factorial of 6 = 720
```

In [ ]: