09-Develop a programe to generate Fibanacci sequence of length(N):

In [1]:
```python
num = int(input("Enter the fibanacci sequence length"))

firstTerm = 0
secondTerm = 1
print("The Fibanacci series with",num,"term is: ")
print(firstTerm,secondTerm,end=" ")
for i in range(2,num):
    curTerm = firstTerm+secondTerm
    print(curTerm,end= " ")
    firstTerm = secondTerm
    secondTerm = curTerm
```

```
Enter the fibanacci sequence length7
The Fibanacci series with 7 term is:
0 1 1 2 3 5 8
```

10-Write a program to display the factorial of entered number:

In [2]:
```python
import math
N = int(input("Enter a number : \n"))
fact = math.factorial(N)
print("Factorial of",N,"is = ",fact)
```

```
Enter a number :
7
Factorial of 7 is =  5040
```