Task 6

- **Fibonanci O(2^n):**

```
def Fibonacci(n):

    # Check if input is 0 then it will
    # print incorrect input
    if n < 0:
        print("Incorrect input")

    # Check if n is 0
    # then it will return 0
    elif n == 0:
        return 0

    # Check if n is 1,2
    # it will return 1
    elif n == 1 or n == 2:
        return 1

    else:
        return Fibonacci(n-1) + Fibonacci(n-2)


# Driver Program
print(Fibonacci(9))
```

- **Formating Strings:**

- .format():

```
>>> number_template = "The number is {}"
>>> sum_template = "{0} plus {1} is {2}"

>>> number_template.format(42)
'The number is 42'

>>> a = 5
>>> b = 10
>>> sum_template.format(a, b, a + b)
'5 plus 10 is 15'
```

- modulo operator (%):

```
>>> name = "Bob"

>>> "Hello, %s" % name
'Hello, Bob'
```