50-04-2025

1) Write a Program to the sum of digits of a number

```
n = 354
S = 0
while (n>0)
   Y = n% 10
   S = S + Y
   n = n // 10
Print (s)
```

2) Write a Program to check if a given string is a palindrome.

```
A)  S = "madam"
    if s == s[::-1]:
        Print ("palindrome")
    else: 0
        Print ("Not palindrome")
```

3) Write a Program to generate fibonacii series upto n terms

```
f = 0
s = 1
for i in range (20)
    N = f + s
    Print(F)

    F = S
    S = N
```

4) Write a program to Count the occurence of a characters in a string.

```
Soi  S = "Lollipop"

a = S. Count ('l')
Print (a)
```

5) Write the program to convert celsius to fahrenheit

A)  C = 25
    c = c + 9/5 + 32
    print(f)

6) write a program to convert, calculate the simple interest given principal rate and time

So   P = 1000
     R = 24
     T = 1
     S = P*R*T / 100
     print(s)

7) write a program to find the maximum of three numbers using if-else

    a = 2
    b = 5
    c = 9
    if (a>b and a>c):
        print(a)
    elif b>c:
        print(b)

    else:
        print(c)

7) write a program to print all even numbers b/w 1 and 50 using a loop.

A)  n = 50
    for i in range(50,2)

        print(i, end=" ")

9) write a program to print the multiplication of table of a given number.

So    n = 6

```
for i in range (1,11):
        S = n * i
        print (n , '*' , i , '=' , s)
```

10) write a program to calculate sum of all numbes in a list

Sol

```
a = [3,4,5]
print (sum (a))
```

11) write a program to check wheth is a given leap year

Sol

```
n = int (input ('enter a year'))
if    n % 4 == 0:
    print ("leap year")

else:
    print ("Not leap year)
```