30-04-2025

1) write a program to find the sum of digits of a numbe

A)

```
n = 154
s = 0
while (n>0):
    r = n%10
    s = s+r
    n = n//10
print (s)
```

2) write a program to check if a given string is a palindr

A)

```
s = "Madam"
if s == s[::-1]:
    print ("palindrome")
else:
    print ("not palindrome")
```

3) write a program to generate fibnocci series upto n ter

A)

```
F = 0
s = 1
n = 20
for i in range (n):
    print (F)
    N = F+S
    F = S
    S = N
```

4) write a program to count the occurences of a character in a string.

A)

```
s = "lollipop"
```

```
a = S.count('a')
print(a)
```

5) write the program to convert celsius to fahrenheit.

A)

```
C = 25
F = C * 9/5 + 32
print(F)
```

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

A)

```
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)

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

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

A)
```
n = 50
for i in range (0, n, 2):
    print (i, end = "")
```

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

A)
```
n = 6
for i in range (1, 11):
    s = n * i
    print (n, '*', i, '=', s)
```

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

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

11) write a program to check whether is a given leap years.

A)
```
a = int (input ('Enter:'))
if a % 4 == 0;
    print ("leap year")
else :
    print ("not leap years
```