**1.Fibonacci series:**

**Program:**

f1=int(input("Enter the first value:"))

f2=int(input("Enter the second value:"))

print(f1)

print(f2)

for x in range (1,9):

f3=f1+f2

print(f3)

f1,f2=f2,f3

**Output:**

Enter the first value:0

Enter the second value:1

0

1

2

3

5

8

13

21

34

**2.Pyramid:**

**Program:**

n=int(input("Enter the number:"))

for i in range (n):

for j in range(n,i,-1):

print("5",end="")

print("")

**Output:**

Enter the number:6

555555

55555

5555

555

55

5

**3.Reverse of a number:**

**Program:**

n=int(input("Enter the number:"))

num=n

sum=0

while(n>0):

rem=n%10

sum=(sum\*10)+rem

n=n//10

print("Reverse of a number:",sum)

**Output:**

Enter the number:153

Reverse of a number: 3

Reverse of a number: 35

Reverse of a number: 351

**4.Pyramid:**

**Program:**

n=int(input("Enter the number of rows:"))

for i in range(1,6):

print()

for j in range(i):

print("\*",end="")

**Output:**

Enter the number of rows:5

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**5.Sum of series:**

**Program:**

n=int(input("Enter the number of terms:"))

f=1

s=0

for i in range (1,n+1):

f=f\*(i+1)

s=s\*(i/f)

print("sum:",s)

**Output**:

Enter the number of terms:4

sum: 0.0