1.py

rows = int(input("Enter rows number: "))

for i in range(rows,-1,-1):

    for j in range(i, 0, -1):

        print(j , end= ' ')

    print()

2.py

nums = int(input("Enter number: "))

sumi = 0

for i in range(nums+1):

    sumi += i

print(f"Sum of first %d numbers is:" % nums, sumi)

print(f"Average of %d numbers is:" % nums, sumi / nums)

3.py

arr = list(map(int,input().split()))

for i in arr:

    if(i > 300): break

    if(i > 120): continue

    if(i % 3 == 0): print(i)

4.py

import math

def prime\_check(num):

    for i in range(2, int(math.sqrt(num)+1)):

        if(num % i == 0): return False

    return True

start\_num = int(input("Enter starting number: "))

end\_num = int(input("Enter ending number: "))

for i in range(start\_num, end\_num + 1):

    if(prime\_check(i)): print(i)

5.py

num = int(input("Enter number of terms: "))

a = 0

b = 1

cnt = 0

print("Fibonacci sequence:")

while(num != 0):

    print(a, end=' ')

    a,b = b, a+b

    num -= 1