PROGRAM 4

#include < stdio.h >

int main()

{

    int num, count = 1;

    printf("Enter a positive number\n");

    scanf("%d", &num);

    printf("\nNatural numbers from %d to %d:\n", count, num);

    while(count <= num)

    {

        printf("%d ", count);

        count++;

    }

    printf("\n");

    return 0;

}

PROGRAM 2

#Read user input

min = int(input("Enter the min : "))

max = int(input("Enter the max : "))

for n in range(min,max + 1):

   if n > 1:

       for i in range(2,n):

           if (n % i) == 0:

               break

       else:

           print(n)

PROGRAM 3

#Python program to generate Fibonacci series until 'n' value

n = int(input("Enter the value of 'n': "))

a = 0

b = 1

sum = 0

count = 1

print("Fibonacci Series: ", end = " ")

while(count <= n):

print(sum, end = " ")

count += 1

a = b

b = sum

sum = a + b

PROGRAM 4

# Number to be checked for prime

n = 5

# Check if the number is greater than 1

if n > 1:

for i in range(2, int(n/2)+1):

if (n % i) == 0:

print(num, "is not a prime number") break else: print(n, "is a prime number")

# If the number is less than 1, its also not a prime number.

else:

print(n, "is not a prime number")