**Task 2: Prime Number Generator and Checker**

**C++ program**

#include<iostream>

using namespace std;

int main(){

int num,count=0,i;

cout<<"Check whether a number is prime or not\n";

cout<<"Enter a range\n";

cin>>num;

for(i=2;i<=num;i++){

if(num%i==0){

count=count+1;

if (count==1)

cout<<"Number is prime\n";

else

cout<<"Not prime\n";

}

cout<<"Done";

}

return 0;

}