**EXPERIMENT** – **1**

**AIM** -To check whether number is prime or not.

**PROGRAM** -

#include <iostream>

using namespace std;

int main()

{int num,i,count=0;

cout<<"Enter a number:";

cin>>num;

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

{if(num%i==0)

{count++;

break;}}

if(count==0)

{cout<<"This is a prime number";}

else{cout<<"This is not a prime number";}}

**OUTPUT** –

