**EXPERIMENT** – **8**

**AIM** -To find the GCD of given numbers.

**PROGRAM** -

#include<iostream>

using namespace std;

int main() {

int first;

cout<<"Enter First Number : ";

cin>>first;

int second;

cout<<"Enter Second Number: ";cin>>second;

int gcd;

for(int i=1;i<=first&&i<=second;i++){

if(first%i==0 && second%i == 0 ){

gcd=i

}

}

cout<<"Greatest Common Divison (GCD):"<<gcd<<endl;

return 0;

}

**OUTPUT** –

