**Experiment – 2**

**AIM** - W.A.P to find the composite and prime no. Using class

**Code:**

#include<iostream>

using namespace std;

class Number

{

int num, i, count=0;

public:

void check()

{

cout<<"\n Enter Number : ";

cin>>num;

for(i=1;i<=num;i++)

{

if(num%i==0)

{

count++;

}

}

}

void display()

{

if(count==2)

{

cout<<" Prime Number"<<endl;

}

else

{

if(count>2)

cout<<"composite number"<<endl;

else

{

cout<<"neither a composite nor a prime number"<<endl;

}

}

}

};

int main()

{

Number p;

p.check();

p.display();

return 0;

}