**Experiment 1**

**Aim:** Write a programme to find the factorial of a number using class

**code:**

#include<iostream>

using namespace std;

class factorial

{

private:

int n,n1,f=1;

public:

void input()

{

cout<<"\nEnter any number :: ";

cin>>n;

}

void calc()

{

n1=n;

if(n==0||n==1)

cout<<"Factorial of Number is :: 1"<<endl;

else

{

while(n>0)

{

f=f\*n;

n--;

}

cout<< "Factorial of Number is:: "<<f<<endl;

}

}

};

int main () {

factorial f;

f.input();

f.calc();

return 0;

}