```cpp
#include<iostream>
using namespace std;
class factorial
{
    private:
        int i,fact=1,n;
    public:
        void read()
        {
            cout<<"Enter the number :";
        cin>>n;
        }
        void facto()
        {
            for(i=1;i<=n;i++)
            {
              fact=fact*i;
            }
          cout<<"\n Factorial of the given number is "<<fact;
        }
};
int main()
{
    factorial x;
      x.read();
      x.facto();
      return 0;
}
```