Write a program the number of factorial function

```cpp
#include <iostream>
using namespace std;
class factorial {
    int f, i, n;

public:
    void fact();
    void display();
};
void factorial::fact()
{
    f = 1;
    cout << "enter a number\n";
    cin >> n;
    for (i = 1; i < +n; i++) {
        f = f * 1;
    }
}
void factorial::display()
{
    cout << "factorial of" << n << "is" << f;
}
int main()
{
    factorial ob;
    ob.fact();
    ob.display();
    return (0);
}
```

Output
enter a number
4
factorial of 4 is=24