

```
12
13
       #include <iostream>
14
15
       using namespace std;
16
17
     \squarevoid factorialofanumber (int n, unsigned long long *result){
18
19
20
                    *result =1;
21
22
           for (int i=1; i<= n; ++i ) {
23
24
               *result *= i;
25
26
27
28
29
30
31
       int main()
32
     □ {
33
            int n;
34
           unsigned long long factoricalresult;
35
           cout<<" Enter integer number: ";</pre>
36
37
           cin>>n;
38
39
           if (n<1) {</pre>
40
41
                cout<<"Please enter a integer number"<<endl;</pre>
42
                return 1;
43
44
45
           factorialofanumber(n, &factoricalresult);
46
47
           cout<<factoricalresult<<" is the \underline{factorical} number for " <<n;
48
49
50
            return 0;
51
52
```

```
Enter integer number: 7
5040 is the factorical number for 7
Process returned 0 (0x0) execution time: 2.984 s

Press any key to continue.
```

```
04)
        12
         13
                                    #include <iostream>
         14
         15
                                 using namespace std;
         16
                            void factorialofanumber (int n, unsigned long long *result){
         17
         18
         19
                                                                                   *result =1;
         20
         21
                                                  for (int i=1; i<= n; ++i ) {
         22
         23
         24
         25
                                                                   *result *= i;
                           Œ,
         26
         27
         28
         29
         30
         31
                                    int main()
         32
         33
                                                     int n;
                                                    unsigned long long factoricalresult;
         34
         35
                                                    cout<<" Enter integer number: ";</pre>
         36
                                                   cin>>n;
         37
         38
                                                   if (n<1) {
         39
         40
         41
                                                                    cout<<"Please enter a integer number"<<endl;</pre>
         42
                                                                    return 1;
         43
         44
         45
                                                    \verb|factorialofanumber(n, & factorical result)|;\\
         46
                                                    \verb|cout|<<| factorical result|<<| is the | factorical | number | for | is | factorical | number | factorical | number | factorical | factorical | number | factorical | factoric
         47
         48
         49
         50
                                                     return 0;
         51
C:\Users\TEMP.jfn.008\Downloads\Lab06\lab07-2022e126-trangularnumber\bin\Debug\lab07-2022e126-trangularnumber.exe
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                ×
35 is the sum of first 5 trangular numbers
Process returned 0 (0x0) execution time : 0.156 s
Press any key to continue.
```

```
13
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        #include <iostream>
        using namespace std;
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       \negvoid factorialofanumber (int n, unsigned long long *result){
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                     *result =1;
21
22
          for (int i=1; i<= n; ++i ) {
24
25
                  *result *= i;
26
27
28
29
30
 31
         int main()
32
33
34
35
             unsigned long long factoricalresult;
36
37
             cout<<" Enter integer number: ";</pre>
             cin>>n;
38
39
             if (n<1) {
40
41
                  cout<<"Please enter a integer number"<<endl;</pre>
42
43
44
45
46
47
             factorialofanumber(n, &factoricalresult);
             cout<<factoricalresult<<" is the factorical number for " <<n;</pre>
48
49
51
```

```
■ C\Users\TEMPjfn.008\Downloads\Lab06\Lab07-2022e126-arraystore\bin\Debug\Lab07-2022e126-arraystore.exe

2x6dfe70: 6.25
0x6dfe78: 6.5
0x6dfe88: 7.2
0x6dfe90: 7.35
0x6dfe90: 7.35
0x6dfe90: 7.55
0x6dfe30: 7.55
0x6dfe30: 8.2
0x6dfeb0: 8.2
0x6dfeb0: 8.2
0x6dfeb0: 8.6
0x6dfea0: 9

Process returned 0 (0x0) execution time: 0.062 s

Press any key to continue.
```