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Solve the series

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Status: **Accepted**

Test Case #0



Test Case #1



Test Case #2



Test Case #3



Test Case #4

Submitted Code

Language: C++

Open in editor

```
1 // Input : 5
2 // Output : 138
3
```

```
4 // Input : 7
5 // Output : 568
6
7
8
9
10
11
12 #include <bits/stdc++.h>
13 using namespace std;
14
15 // utility function
16 int findTerm(int n)
17 {
18     if (n == 1)
19         return n;
20
21     else {
22
23         // since first element of the
24         // series is 7, we initialise
25         // a variable with 7
26         int term = 7;
27
28         // Using iteration to find nth
29         // term
30         for (int i = 2; i <= n; i++)
31             term = term * 2 + (i - 1);
32
33         return term;
34     }
35 }
36
37 // driver function
38 int main()
```

```
39 {  
40     int n ;  
41     cin>>n;  
42     cout << findTerm(n);  
43     return 0;  
44 }
```

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