

```

1  #include <iostream>
2  using namespace std;
3
4  int funcB(int);
5
6  int funcA(int n) {
7      // cout << "A called w/ n " << n << endl;
8      if (n <= 1)
9          return 217;
10     else
11         return n + funcB(n - 2);
12 }
13
14 int funcB(int n) {
15     // cout << "B called w/ n " << n << endl;
16     if (n <= 2) {
17         return 3;
18     }
19     else {
20         if (n > 4) {
21             return n * funcA(n - 5);
22         }
23         else
24         {
25             return n - funcB(n - 1);
26         }
27     }
28 }
29
30 int main() {
31     cout << funcA(13);
32     return 0;
33 }
34
35 /*
36 123
37 */
38
39 /*
40 A called w/ n 13
41 B called w/ n 11
42 A called w/ n 6
43 B called w/ n 4
44 B called w/ n 3
45 B called w/ n 2
46 123
47 */
48

```