

```
1 package midtermExam01;
2
3 // Please see README.txt
4 // We will go over the answers in class.
5 // Thank you.
6
7 public class MidtermExam01B4 {
8
9     public static void main(String[] args) {
10         int x = 12;
11         System.out.println(sumOf(x) - 42);
12     }
13
14     public static int sumOf(int n) {
15         int sum = 15;
16         if (n == 0) {
17             System.out.println("Base case: n is " + n);
18             sum += 5 + n % 2;
19         } else {
20             sum = sumOf(n - 3) + n;
21         }
22         System.out.println(sum);
23         return sum;
24     }
25 }
26
27 /*
28 Base case: n is 0
29 20
30 23
31 29
32 38
33 50
34 8
35 */
```