

Recursion.java ×

Source History

```
1  /*
2   * Click nbfs://nbhost/SystemFileSystem/Templates/Licenses/license-default.txt to change this license
3   */
4
5  package com.mycompany.recursion;
6
7  /**
8   *
9   * @author 1BSCCSA55
10  */
11  import java.util.*;
12  public class Recursion {
13
14      public static void main(String[] args) {
15          Scanner sc=new Scanner(System.in);
16          int number;
17          System.out.println("Enter A number:");
18          number=sc.nextInt();
19          int sum = addNumbers(number);
20          System.out.println("Sum = " + sum);
21      }
22      public static int addNumbers(int num) {
23          if (num != 0)
24              return num + addNumbers(num - 1);
25          else
26              return num;
27      }
28  }
```



Output - Run (Recursion) ×



--- exec:3.5.1:exec (default-cli) @ Recursion ---

Enter A number:

52

Sum = 1378

BUILD SUCCESS

Total time: 10.420 s

Finished at: 2026-02-18T13:13:51+05:30
