

src\Problem3.java

```
1  /*
2  Name: Hunter Poole
3  Date: 2/24/25
4  HW #: 5
5  Problem #: 3
6  Source Code: Problem3.java
7  Action: Given a series of numbers, return how many of them are even.
8          Exit program when "0" is entered.
9  */
10
11 import java.util.Scanner;
12
13 public class Problem3
14 {
15
16     public static void main(String[] args)
17     {
18         int Even_Count = 0;
19
20         Scanner Input = new Scanner(System.in);
21         System.out.print("Please provide your numbers one at a time. Enter 0 to exit: ");
22         int Number = Input.nextInt();
23
24         while (Number != 0)
25         {
26             if (Number % 2 == 0)
27             {
28                 Even_Count++;
29             }
30
31             System.out.print("Next number: ");
32             Number = Input.nextInt();
33         }
34
35         if (Number == 0)
36         {
37             System.out.print("You have entered " + Even_Count + " even numbers.");
38         }
39     }
40 }
41
42
43 /*
44 Please provide your numbers one at a time. Enter 0 to exit: 3
45 Next number: 56
46 Next number: 4
47 Next number: 13
```

```
48 Next number: 779
49 Next number: 46
50 Next number: 0
51 You have entered 3 even numbers.
52
53 Please provide your numbers one at a time. Enter 0 to exit: 905775
54 Next number: 13
55 Next number: 777
56 Next number: 346
57 Next number: 42
58 Next number: 12
59 Next number: 0
60 You have entered 3 even numbers.
61 */
```