**Exercise**

Write the java source code which reads a number as input and determines whether it is odd or even.

**Test Data**

Integers entered 8 and 7

**Source Code**

package CSN\_Java\_Progs;

import java.util.Scanner;

public class OddorEvenNum {

 public static void main(String[] args) {

 // Input a number and determine if it is odd or even

 int num;

 System.out.println("Enter an integer of your choice:");

 Scanner input = new Scanner(System.in);

 num = input.nextInt();

 /\* If number is divisible by 2 with no remainder it is an

 \* even number else it is an odd number\*/

 if ( num % 2 == 0 )

 System.out.println("The number is even");

 else

 System.out.println("The number is odd");

 }

}

**Output**



