CS200_ReeceW3Assignment

```java
import java.util.Scanner;

/* Name of the class has to be "Main" only if the class is public. */
class EvenOdd
{
    public static void main (String[] args) throws java.lang.Exception
    {

        int num = 1;   // initialize varible
        Scanner numObject = new Scanner(System.in);  // create input object
        System.out.println("Enter a number: ");   // prompts instructions for user
        num = numObject.nextInt();  // sets input from user to num
        isEven(num);   // passes num through isEven function
    }

    public static boolean isEven(int number){
        int remainder = number % 2;  // checks number variable for remainder
        if(remainder == 0){
            System.out.println(number +" is Even"); //if remainder is zero
            return true;
        }else{
            System.out.println(number + " is odd"); // if remainder is not zero
            return false;
        }
    }
}
```