```java
1 //12. Create a program that determines if a number is
    odd or even.  //
2 import java.util.Scanner;
3
4 public class OddEvenCheck {
5     public static void main(String[] args) {
6         Scanner scanner = new Scanner(System.in);
7
8         System.out.print("Enter an integer: ");
9         int number = scanner.nextInt();
10
11         if (number % 2 == 0) {
12             System.out.println("The number is even."
   );
13         } else {
14             System.out.println("The number is odd.");
15         }
16
17         scanner.close();
18     }
19 }
20
21
```