**Exercise 1: Parameterized Tests**

**Code:**

*EvenChecker Class: -*

package practice.cog;  
  
public class EvenChecker {  
 public boolean isEven(int n){  
 return n%2==0;  
 }  
}

*EvenCheckerTest Class: -*

package practice.cog;  
import org.junit.jupiter.api.Test;  
import org.junit.jupiter.params.ParameterizedTest;  
import org.junit.jupiter.params.provider.ValueSource;  
import static org.junit.jupiter.api.Assertions.\*;  
  
class EvenCheckerTest {  
 EvenChecker checker=new EvenChecker();  
 @ParameterizedTest  
 @ValueSource(ints={2,4,6,8,10})  
 void testWithEvenNumbers(int number) {  
 *assertTrue*(checker.isEven(number),number+" should be even");  
 }  
  
 @ParameterizedTest  
 @ValueSource(ints={1,3,5,7,9})  
 void testWithOddNumbers(int number){  
 *assertFalse*(checker.isEven(number),number+" should be odd");  
 }  
}

**Output:**

A screenshot of a computer program

AI-generated content may be incorrect.