

Test Cases for Even Odd Numbers

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Status: Complete

```
class EvenOddCheck {  
  
    @Test  
    fun checkForPositiveNumberIsEven() {  
        val isEven = EvenOdd.isEven( number: 6)  
        assertTrue(isEven)  
    }  
  
    @Test  
    fun checkForNegativeNumberIsEven() {  
        val isEven = EvenOdd.isEven( number: -10)  
        assertTrue(isEven)  
    }  
  
    @Test  
    fun checkForZeroIsEven() {  
        val isEven = EvenOdd.isEven( number: 0)  
        assertTrue(isEven)  
    }  
}
```

```
    @Test  
    fun checkForPositiveNumberIsOdd() {  
        val isOdd = EvenOdd.isOdd( number: 11)  
        assertTrue(isOdd)  
    }  
  
    @Test  
    fun checkForNegativeNumberIsOdd() {  
        val isOdd = EvenOdd.isOdd( number: -17)  
        assertTrue(isOdd)  
    }  
  
    @Test  
    fun checkForNegativeTestCaseIsEven(){  
        val isEven = EvenOdd.isEven( number: 17)  
        assertFalse(isEven)  
    }  
}
```

```
    @Test  
    fun checkForNegativeTestCaseIsOdd(){  
        val isOdd = EvenOdd.isOdd( number: 18)  
        assertFalse(isOdd)  
    }  
}
```

```

package com.example.application01

class EvenOdd {

    companion object {

        fun isEven(number: Int): Boolean {
            return number % 2 == 0
        }

        fun isOdd(number: Int): Boolean {
            return number % 2 != 0
        }
    }
}

```

Test Result:

The screenshot displays the test results for the `EvenOddCheck` class. The left pane shows a tree of test results with 7 tests passed. The right pane shows the command line output of the test execution, including build status and test command.

Test Name	Duration	Status
Test Results	4 ms	Passed
EvenOddCheck	4 ms	Passed
checkForNegativeNumbersIsEven	4 ms	Passed
checkForZerosEven	0 ms	Passed
checkForNegativeTestCasesIsOdd	0 ms	Passed
checkForNegativeNumbersIsOdd	0 ms	Passed
checkForPositiveNumbersIsOdd	0 ms	Passed
checkForPositiveNumbersIsEven	0 ms	Passed
checkForNegativeTestCasesIsEven	0 ms	Passed

Tests passed: 7 of 7 tests - 4ms

```

> Task :app:processDebugUnitTestJavaRes UP-TO-DATE
> Task :app:testDebugUnitTest
BUILD SUCCESSFUL in 4s
22 actionable tasks: 2 executed, 20 up-to-date

Build Analyzer results available
17:30:51: Execution finished ':app:testDebugUnitTest --tests "com.example.application01
.EvenOddCheck"'

```

Activate Windows
Go to Settings to activate Windows.

application01 > app > src > test > java > com > example > application01 > EvenOddCheckTest.kt > EvenOddCheck

42:1 CRLF UTF-8 4 spaces