Exercise 1: Setting Up JUnit

**package** com.cts.exercise1;

**public** **class** App {

**public** **int** square(**int** num) {

**return** num \* num;

}

**public** **boolean** isEven(**int** num) {

**return** num % 2 == 0;

}

}

**package** com.cts.exercise1;

**import** **static** org.junit.Assert.*assertFalse*;

**import** **static** org.junit.jupiter.api.Assertions.*assertEquals*;

**import** **static** org.junit.jupiter.api.Assertions.*assertTrue*;

**import** org.junit.jupiter.api.Test;

**public** **class** AppTest {

@Test

**public** **void** testSquare() {

App app = **new** App();

**int** result = app.square(4);

System.***out***.println("Square of 4: " + result);

}

@Test

**public** **void** testIsEven() {

App app = **new** App();

System.***out***.println("Is 6 even? " + app.isEven(6));

System.***out***.println("Is 7 even? " + app.isEven(7));

}

@Test

**public** **void** testTrueCheck() {

System.***out***.println("This test always passes.");

}

}

Outputs:

A screenshot of a computer

AI-generated content may be incorrect.

Project Structure

A screenshot of a computer program

AI-generated content may be incorrect.