

# COMP 110/L Lecture 18

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# Outline

- `JUnit fail()`
- More two-dimensional array examples

```
JUnit fail ()
```

`fail()`

Triggers immediate test failure

# fail()

Triggers immediate test failure

```
import static org.junit.Assert.fail;
```

-Need this import at the beginning of the program

# fail()

Triggers immediate test failure

```
import static org.junit.Assert.fail;

@Test
public void testSomething() {
    if (someFailureCondition) {
        fail();
    }
}
```

-We can then use fail() in tests

# Example

- `FailExample.java`
- `FailExampleTest.java`

# `fail()` Utility

- Some test failures cannot be easily phrased as one value equals another value
- Occasionally more convenient
- We can define our own `assertEquals()` and `assertArrayEquals()` using `fail()`



# More 2D Array Examples

- `PrintRow2D.java`
- `PrintCol2D.java`