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

```java
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`