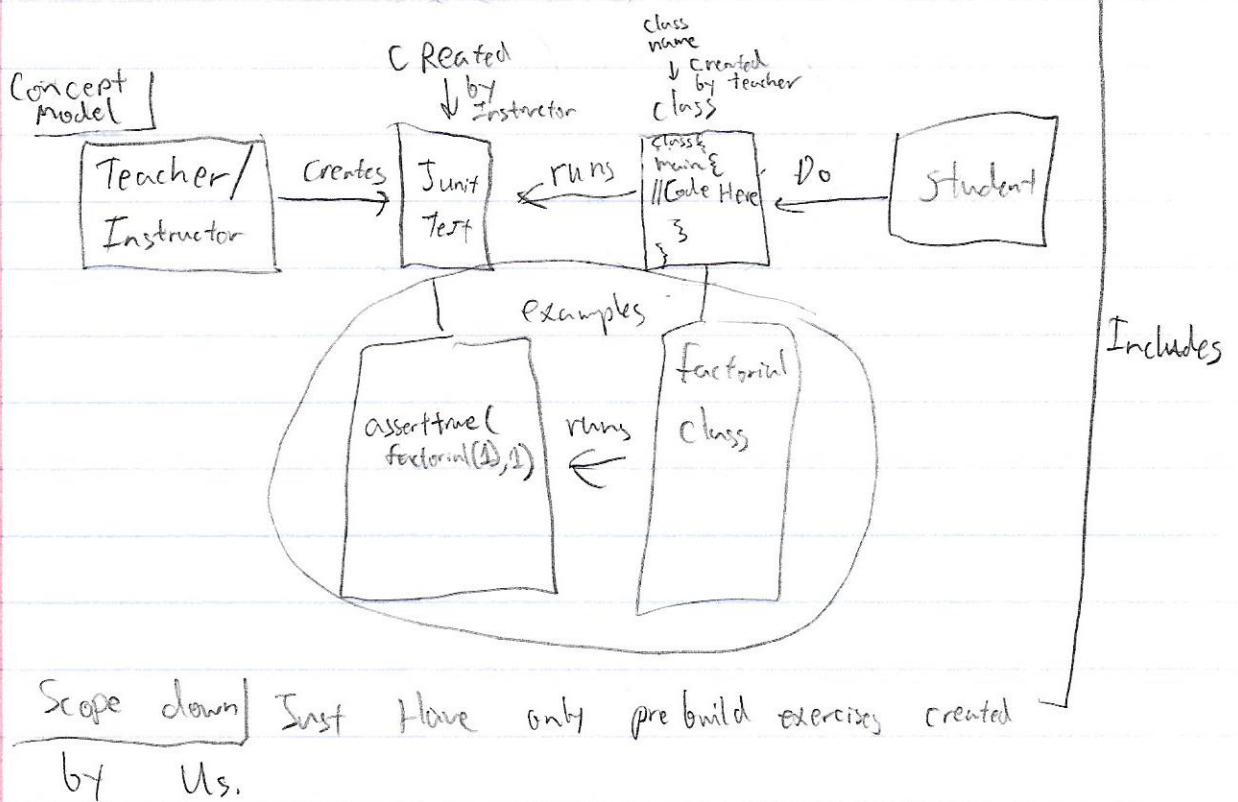# Design / sketches for adding exercises

extra. May be out of scope.

Form:

Trial Sketch1

Optional

Ideal | Include CS1 assignments as possible exercises

Concept Model

CReated
↓ by
Instructor

class name
↓ Created
by teacher
class

Teacher/ Instructor → Creates → JUnit Test ← runs → class & main & //Code Here } ← Do ← Student

examples

assert true(
factorial(1),1) ← runs factorial Class

Includes

Scope down | Just Have only pre build exercises created by Us.

Prebuilt exercise model

Junit test
built by us/instructor

```
Junit {

  Setup {
  };
  Test {

  }
}
```

↑

Creates class objects
and tests methods

What student will do
class file exercise

```
Class name {
 Constructor {
 }
 Methods {
  // code Here
 }
}
```

↑

Framework prebuild by
us to have students
input code.