**Repository Link:**

https://github.com/jose98orellana/CPSC501A2

1. **Lazy Class**

Removed the add class in Inspector.java, didn’t needed it at the end, less lines

~~private void add(Field f, Object obj) throws IllegalArgumentException, IllegalAccessException {}~~

1. **Pull Up Method**

Created a inspectSuperClass method which could be done in the inspectClass method, so it was pulled up, to reduce lines of code

// traverse hierarchy get constructors/methods/field of superclass

Class<?> superClassObject = c.getSuperclass();

if (superClassObject == Object.class) {

System.out.print("\n\t");

inspectDeclaringClass(superClassObject);

inspectImmediateSuperClass(superClassObject);

inspectInterface(superClassObject);

inspectClassMethods(superClassObject);

inspectConstructor(superClassObject);

inspectFields(superClassObject, superClassObject, objectsToInspect);

} else {

System.out.print("\n\t");

inspectClass(superClassObject, superClassObject, recursive, objectsToInspect);

}

1. **Rename Method**

Renamed various variables which names were too vague, now they say more about the function and purpose they have through their name, for better understanding. Changed “c” to “objClass”.

Class<?> c = obj.getClass(); 🡪 Class<?> objClass = obj.getClass();