

Oct 25

Written Test 1 Q&A

Assume the following method declaration: ^{in Person class}

```
public void growWeight( double amount) { -- }
```

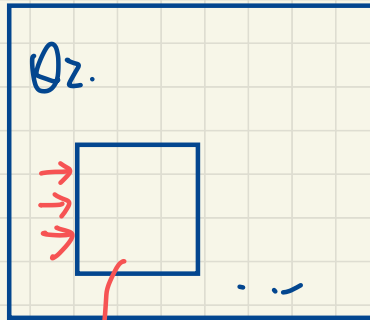
Write a line a java code that grows pl,
ref variable of typer Person, weight by 23.6.

```
pl.growWeight(23.6);
```

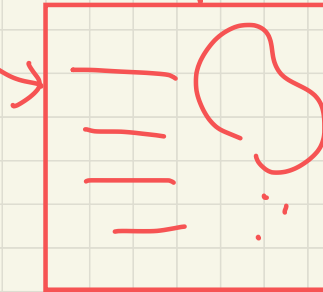
Guide

familiar with concepts
covered in Lab 0.

Screen

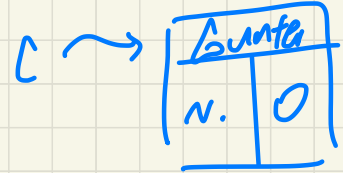


sketch paper



Running JUnit Test 1 on Correct Implementation

```
public void increment() throws ValueTooLargeException {  
    if (value == Counter.MAX_VALUE) {  
        throw new ValueTooLargeException("counter value is " + value);  
    }  
    else { value++; }  
}
```



init: $v == 0$
assertEquals(0, 0)
↳ pass
if (0 == 3)
↳ not thrown
else
↳ v: 0 → 1
assertEq(1, 1) → pass

```
1  @Test  
2  public void testIncAfterCreation() {  
3      Counter c = new Counter();  
4      assertEquals(Counter.MIN_VALUE, c.getValue());  
5      try {  
6          c.increment();  
7          assertEquals(1, c.getValue());  
8      }  
9      catch (ValueTooLargeException e) {  
10         /* Exception is not expected to be thrown. */  
11         fail("ValueTooLargeException is not expected.");  
12     }  
13 }
```