

EECS2030 Advanced Object-Oriented Programming
(Fall 2021)

Q&A - Lab3 Solution Walk-Through

Monday, November 1

```

f1.addUnit("Master Bedroom", 14, 9);
f1.addUnit("Master Bedroom", 14, 9);
f1.addUnit("Office", 8, 12);
f1.addUnit("Kitchen", 9, 10);
assertEquals("Floor's utilized space

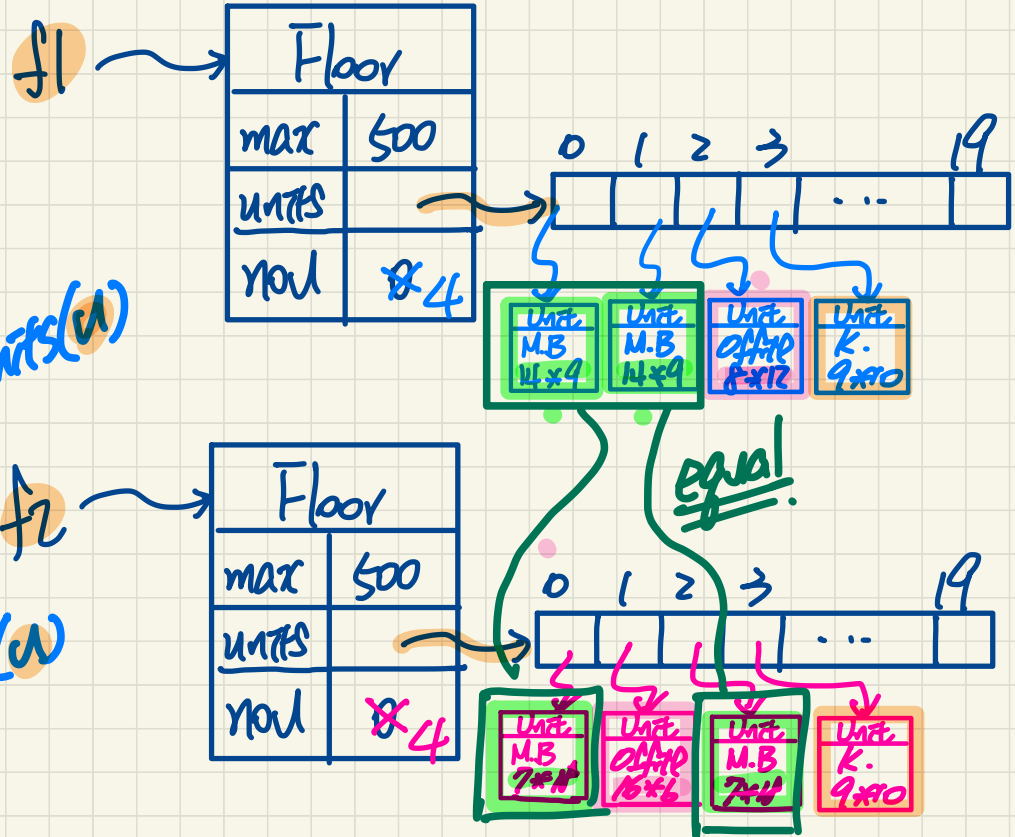
```

```

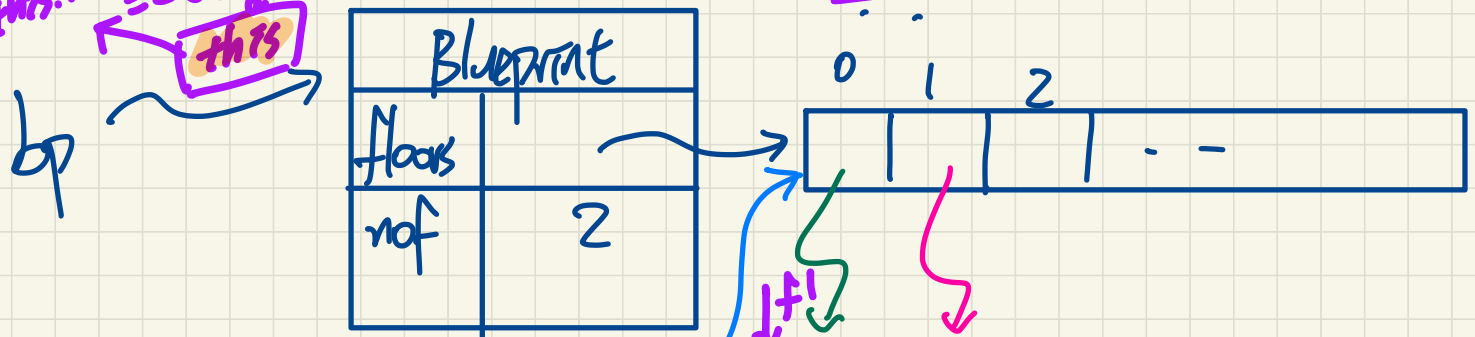
f2.addUnit("Master Bedroom", 7, 18);
f2.addUnit("Office", 16, 6);
f2.addUnit("Master Bedroom", 7, 18);
f2.addUnit("Kitchen", 9, 10);
assertEquals("Floor's utilized space

```

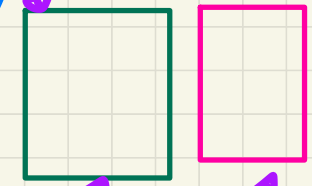
$f1.equals(f2)$
 $\rightarrow f1.numberofEqUnits(u)$
 $=$
 $f2.numberofEqUnits(u)$



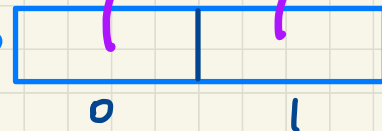
Floor $f_2 = \text{new Floor}(f_1);$
this.naf == 0. *this* *other*



bp.getFloors()



bp.getFloors()
(result)



violation of composition