

EECS1022 Programming for Mobile Computing
(Winter 2021)

Q&A - Programming Test 3

Friday, March 12

Practice Programming Test 3

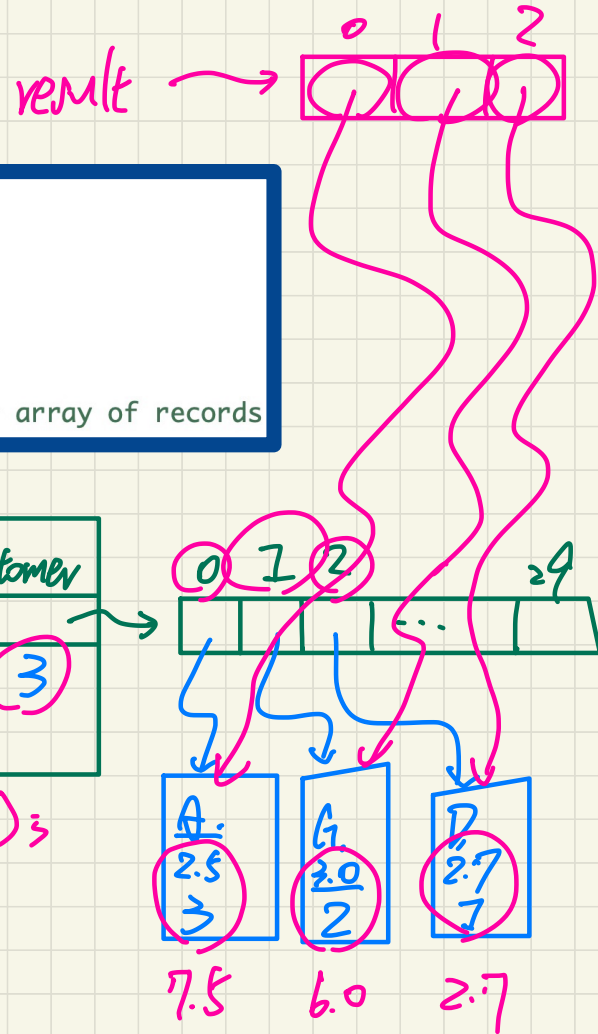
```
@Test
public void test_01() {
    Record r1 = new Record("GreenTeaLatte", 2.5, 4);

    assertEquals("GreenTeaLatte", r1.getItem());
    assertEquals(2.5, r1.getPrice(), 0.01);
    assertEquals(4, r1.getQuantity());
} //new Record("GreenTeaLatte", 3.5, 4) expects values to be set
```

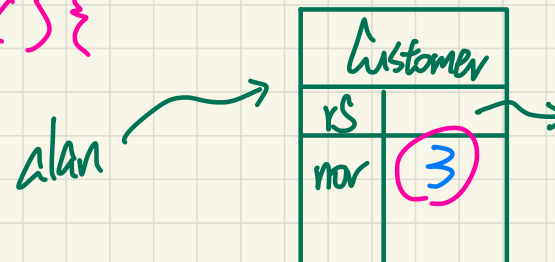
Type: Record
→ Invoked method should go there.

Practice Programming Test 3

```
@Test
public void test_06() {
    Customer alan = new Customer("Alan", 150.0);
    Record[] alanRecords = alan.getRecords();
    assertEquals(0, alanRecords.length);
} // new Customer("Alan", 150.0) creates a customer with an empty array of records
```

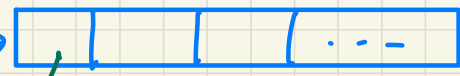
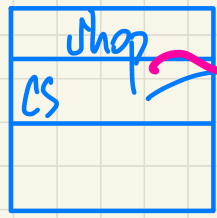


```
public Record[] getRecords() {
    }
}
```

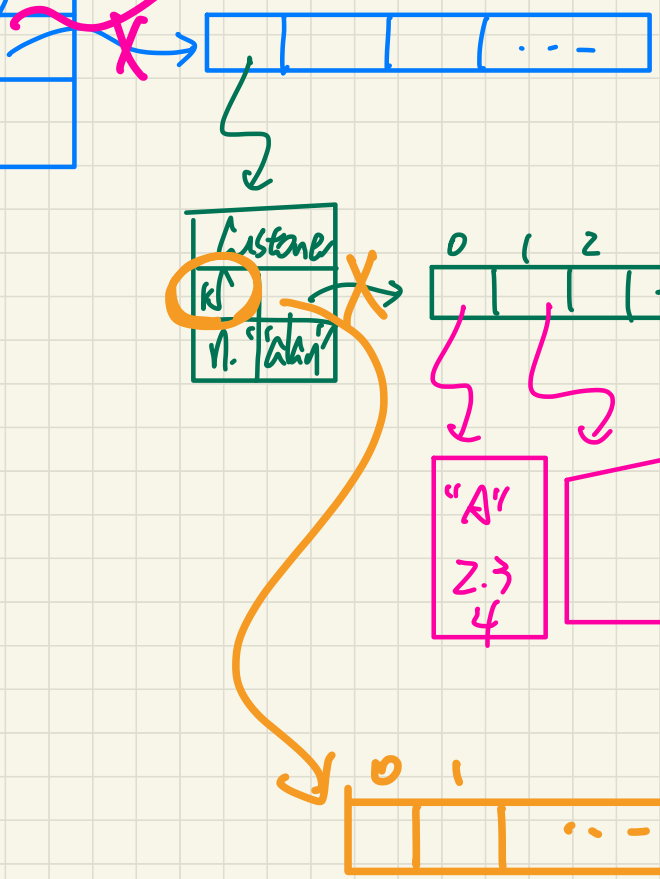
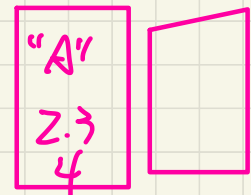
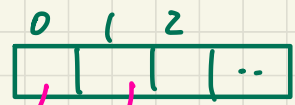
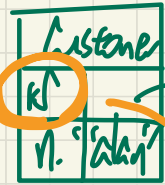


alan.rs alan.getRecords(3)

shop



shop.pay (alan) ;



Practice Programming Test 3

```
@Test
public void test_11() {
    Record r1 = new Record("GreenTeaLatte", 2.5, 4);
    Customer alan = new Customer("Alan", 150.0);
    alan.addRecord(r1);
    Record[] alanRecords = alan.getRecords();
    Record alanRecord1 = alanRecords[0];

    assertEquals(1, alanRecords.length);
    assertEquals("GreenTeaLatte", alanRecord1.getItem());
    assertEquals(2.5, alanRecord1.getPrice(), 0.01);
    assertEquals(4, alanRecord1.getQuantity());
} //addRecord(r1) adds in r1 accordingly
```

word
addRecord(Record r) {
}
}

Practice Programming Test 3

```
@Test
public void test_16() {
    Customer alan = new Customer("Alan");
    Record[] orders = {new Record()};
    alan.addRecords(orders);
    assertEquals(1, alan.getRecords().length);
} //alan.addRecords({_}) where m has an empty array of orders
```

public void addRecords(Record[] a) {
}