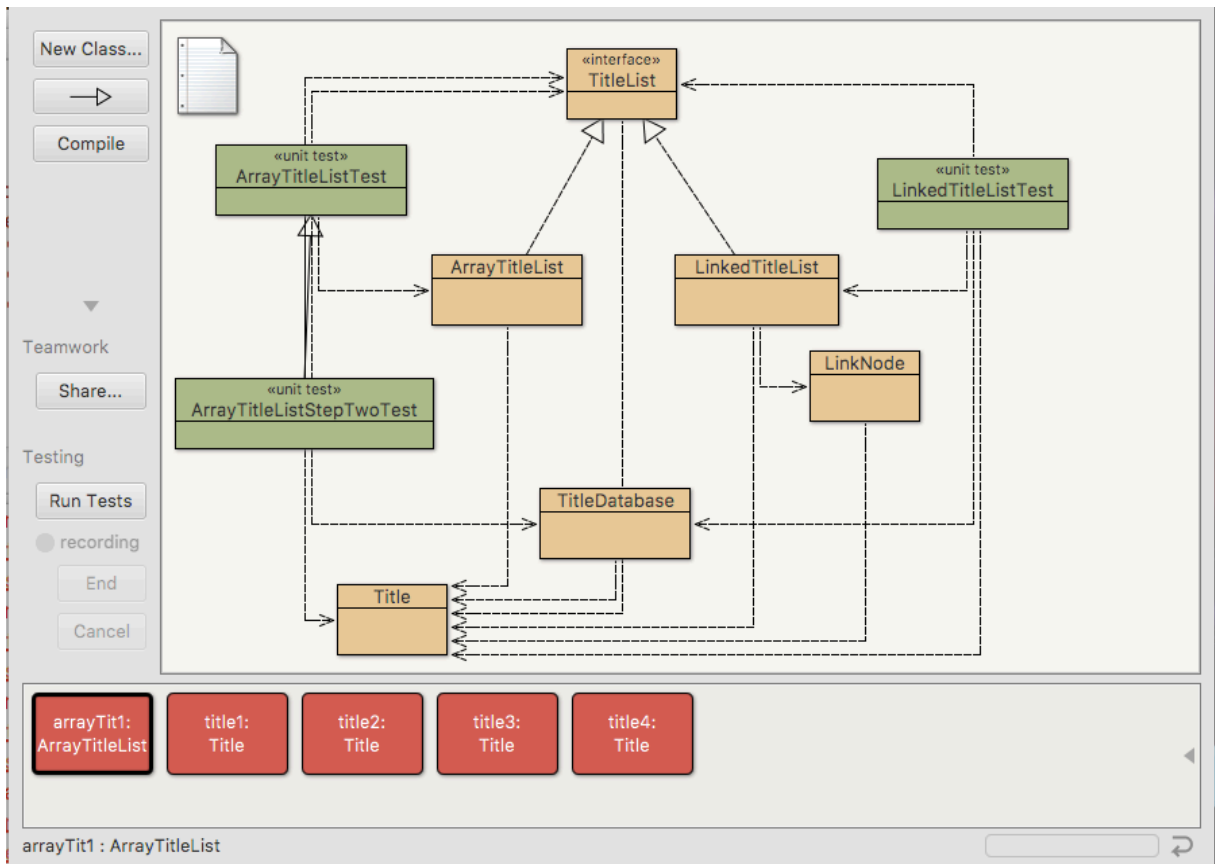
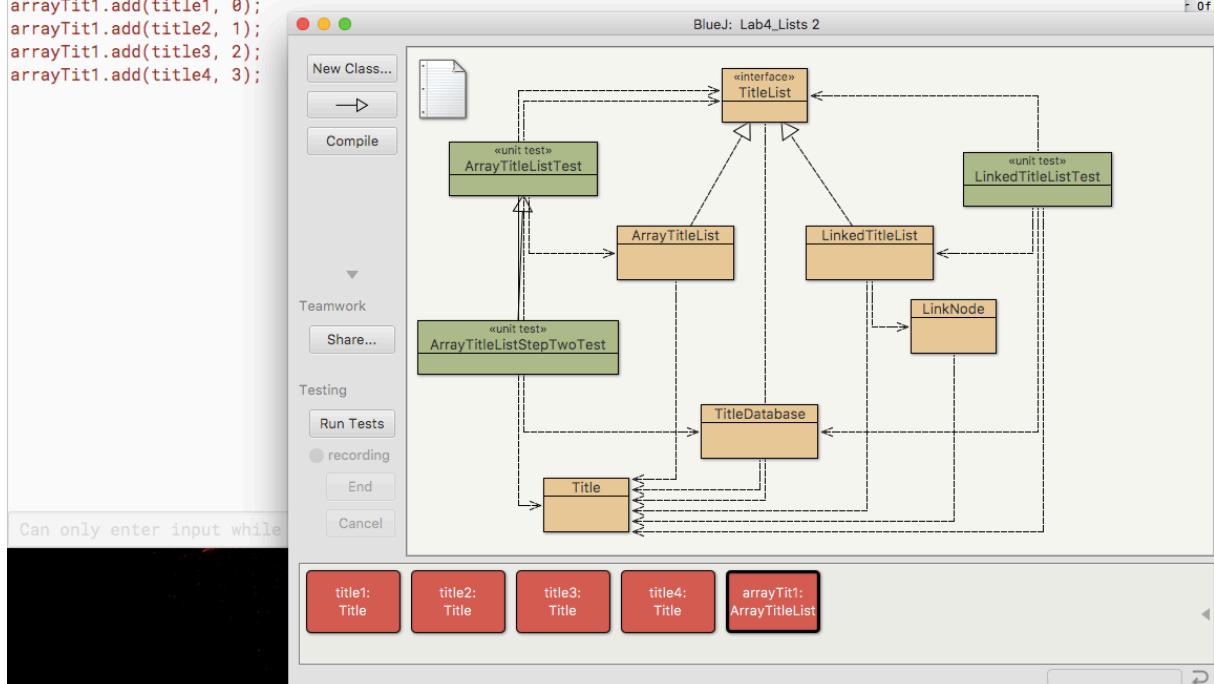


# SOL Lab 4:

## 4.1 Array



```
Title title1 = new Title("African Fairytale", "Caecilie Norby", "My Corner Of The Sky", 1996, "Jazz", 345);
Title title2 = new Title("Agua De Beber", "Al Jarreau", "Glow", 1976, "Jazz", 3);
Title title3 = new Title("All Apologies", "Herbie Hancock", "The New Standard", 1996, "Jazz", 9);
Title title4 = new Title("All Blues", "Miles Davis", "Kind of Blue", 1959, "Jazz", 13);
ArrayTitleList arrayTit1 = new ArrayTitleList();
arrayTit1.add(title1, 0);
arrayTit1.add(title2, 1);
arrayTit1.add(title3, 2);
arrayTit1.add(title4, 3);
```



**\_titleArray : Title[]**

int length	
[0]	
[1]	
[2]	
[3]	
[4]	null
[5]	null
[6]	null
[7]	null
[8]	null
[9]	null

Inspect Get

Show static fields Close

**arrayTit1 : ArrayTitleList**

private Title[] _titleArray	

private int \_elementCount 4

Inspect Get

Show static fields Close

title1: Title

title2: Title

title3: Title

title4: Title

arrayTit1: ArrayTitleList

Can only enter input while y

arrayTit1: ArrayTitleList

```

ArrayTitleList arrayTit1 = new ArrayTitleList();
Title title1 = new Title("Kind words", "Miles Davis", "The New Standard", 2001, "Jazz", 2);
Title title2 = new Title("clöomds the dog", "glampour Dav", "Kind words", 2001, "Jazz", 13);
Title title3 = new Title("get it off", "Hyper glazz", "Lets get it started", 1996, "Jazz", 13);
arrayTit1.add(title1, 0);
arrayTit1.add(title2, 1);
arrayTit1.add(title3, 2);
arrayTit1.contains(title1)
    returned boolean true
arrayTit1.getLength()
    returned int 3
arrayTit1.delete(2);
arrayTit1.getLength()
    returned int 3
arrayTit1.getTitle(0)
    returned Object <object reference>
arrayTit1.clear();
arrayTit1.add(title1, 0);
arrayTit1.add(title3, 1);
arrayTit1.add(title3, 2);
arrayTit1.delete(1);
arrayTit1.add(title3, 1);
arrayTit1.clear();
  
```

**\_titleArray : Title[]**

int length	
[0]	null
[1]	null
[2]	null
[3]	null
[4]	null
[5]	null
[6]	null
[7]	null
[8]	null
[9]	null

Inspect Get

Show static fields Close

arrayTit1: ArrayTitleList

title1: Title

title2: Title

title3: Title

Can only enter input while your programming

## 4.2 Linked List:

