

Lesson 88: Elevens Lab #1 (W31D1)

Balboa High School

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Do Now #1

- Practice test A1, MC section:
 - Prepare your scratch paper to be picked up. **Make sure your name is on it!**
 - Submit your responses [here](#).
- When finished, proceed to the next slide. . .

Do Now #2

Prepare an Eclipse project for this lab:

- Create new project: ElevensLab
- Download JAR from [here](#) and save to /tmp
- Import the JAR file contents:
 - 1 right-click **project folder** in Eclipse
 - 2 Import...
 - 3 type is *General/Archive File*
 - 4 Next
 - 5 browse to downloaded JAR file (make sure *Into Folder* is ElevensLab)
 - 6 Finish

Aim

Students will reinforce OO programming principles and practice various tasks in Java via the College Board's *Elevens Lab*.

Introduction

- The structure of this lab will resemble that of the PictureLab
- Class time will include reading, answering questions, and working on exercises from the [student manual](#) — *save a copy to your locker folder for quick reference!*
- Exercises started in class will be completed for HW.
- Expect HW after each class, due by the start of the following class.
- **Late HW will not be accepted!** Make sure you keep up with the assigned HW each day.

Activity 1: Card Class

- Read *introduction* and *exploration* sections on pp3-4
- In Eclipse:
right-click the Activity01 folder →
Build path →
Use as Source Folder
- Work on exercises 1 & 2 on p4 (≈10min)

Activity 2: Deck Class

- Read *introduction* and *exploration* sections on p5
- In Eclipse:
 - right-click Activity01 folder →
Build path →
Remove from Build Path
 - right-click Activity02 folder →
Build path →
Use as Source Folder
- Work on exercises 1 & 2 on pp5-6 (rest of period)
 - pay attention to how arrays of ranks, suits, & values are used by constructor
 - figure out how to use the `size` field to write `deal()`

- If not done, finish the exercises on pp5-6
- On paper or in a text file, answer questions 1-3 on p6
- Remember to finish the exercises in time for next class!