Lesson 3.18 — Consumer Review Lab

College Board 2019 Labs

In the summer of 2019, the college board released 4 new labs. Either FracCalc or the Consumer Review Lab can be assigned after the completion of Unit 3.

Overview

Objectives — *Students will be able to...*

- **Complete** a long-form lab, using string literals, static methods, if statements, while loops, algorithms, and the String class

Assessments — *Students will...*

- **Complete** College Board's AP CS A Consumer Review Lab
- **Answer** end of activty Check your understanding and complete Open-ended activity.

Homework — *Students will...*

- **Complete**

Materials & Prep

- **Projector and computer**
- **Consumer Review Lab Teacher's Guide**
- **Classroom copies** of the Consumer Review Lab Student Guide
- **Associated Consumer Review Files**

Read through the Teacher and Student guides ahead of time to familiarize yourself with the parts of this long-form lab. Using the guides, complete the lab on your own to spot possible challenges for your students. Upload all student files onto each computer desktop for student access.

Pacing Guide: Day 1

Section	Total Time
Student Activity 1	Full class - students
Notebook checks	Full class - teacher
Homework:	

Pacing Guide: Day 2

Section	Total Time
Student Activity 2	Full class - students
Notebook checks	Full class - teacher
Homework:	

Pacing Guide: Day 3

Section	Total Time
Student Activity 3	Full class - students
Notebook checks (if not completed)	Full class - teacher
Homework:	

Pacing Guide: Day 4

Section	Total Time
Student Activity 4	Full class - students
Notebook checks (if not completed)	Full class - teacher
Homework:	

Pacing Guide: Day 5

Section	Total Time
Student Activity 5	Full class - students
	Full class - teacher
Homework:	

Pacing Guide: Day 6

Section	Total Time
Student Activity 5 (day 2)	Full class - students
	Full class - teacher
Homework:	

Procedure

All guides, sample code, answer code, and example code may be found by logging into the College Board AP Audit side and downloading the Consumer Review Lab materials.

General Project Notes

- Open Eclipse and guide students through opening the Consumer Review files.

- Encourage students to use their Tricky Code Cheat Sheets, 4 Commandments of Scope, notebooks, textbooks, classroom posters, and homework assignments.

- Offer occasional time-checks to help keep students on pace.

- Grade notebooks and review books in between helping students so students can keep notebooks for homework and studying in the evenings.

Accommodation and Differentiation

In ELL classrooms, read all directions aloud before breaking into individual practice, and allow up to twice the amount of time for completion of the lab. As needed, allow students to pair up to help each other with reading comprehension (but remind students that they each must submit their own code). Each day that you begin the lab, start with a quick survey of student concerns and questions.

Forum discussion

Lesson 3.18 Consumer Review (TEALS Discourse account required)