

**The University of Texas at El Paso**  
**Department of Computer Science**  
**CS 3331 – Advanced Object-Oriented Programming**  
**Instructor: Daniel Mejia**  
**Fall 2021**

**Programming Assignment 1**

**Instructions:**

This assignment is to be done individually. Your code must be written in Java. You must submit your assignment through GitHub Classroom. In the comment heading of your source code, you should write your name, date, course, instructor, programming assignment 1, lab description, and honesty statement.

**Scenario:**

You have recently been hired to work for *TicketMiner*, a company that sells tickets for sporting events, concerts, special events, etc. You have a few customers that are interested in creating their events using your system.

1. Create a class called “Sport” which is representative of a sport that can be held in a single location
2. Read a CSV file with event information and store it appropriately using a data structure
3. Create methods that will change the name, date, time, VIP price, gold price, silver price, bronze price, and general admission price
4. Create methods that will show the name, date, time, VIP price, gold price, silver price, bronze price, and general admission price
5. Log each action that is taken
  - a. For example:
    - i. “Event ID XX updated name to UTEP Football 1”
    - ii. “Event ID XX updated the time to 6:30 PM”
6. Write a lab report describing your work (template provided)
  - a. Any assumptions made should be precisely commented in the source code and described in the lab report

- b. Lab report should contain sample screenshots of the program being run in different circumstances including successful and failing changes
7. Complete an individual code review on your code (template provided)
8. Schedule a demo with the TA/IA
9. **\*\*If submission is past the deadline\*\*** Your report must have an additional section entitled “Why I submitted late”. In that section, explain the reason why your submission was late. (Note: you will still be penalized the typical late penalty)

To turn in (GitHub Classroom) September 3, 2021, by 11:59pm:

1. Source code (.java files)
2. Lab report (.pdf file)
3. Log (.txt)