

Programming Assignment 1

Due: February 13 at 11:59 pm

Exercise 1 (10 points)

Write a program that prints an animal speaking a greeting, similar to (but different from) the following.

Check out <https://asciart.website/> for inspiration.

```
  /\
 (  '  ) / Hello \
 (  -  ) < Junior |
 |  |  | \ Coder! /
 _|_|_  -----
```

Exercise 2 (15 points)

How to write a test program described in slides 43-44 in Lecture4.

Look at the API of the Point class and find out how to construct a Point object. In a PointTester program, construct two points with coordinates (3, 4) and (-3, -4). Find the distance between them, using the distance method. Print the distance, as well as the expected value. (Draw a sketch on graph paper to find the value you will expect.)

API: <https://docs.oracle.com/javase/8/docs/api/index.html>

Submission

1. Push your project directory along with the source to GitHub by the due date.
2. Invite and share your project repository the Grader (yan.chen01@sjsu.edu) and Instructor (mariia.surmenok@sjsu.edu) or by usernames: **yanchen-01** and **msurmenok**
3. Submit a Readme.txt to Canvas including your name, repository access link, instructions to run your program (if any), **snapshot of your running program (screenshot of your output)** and citations (if any)
4. Your project directory will be graded according to the state your project directory was in at due time.