

PS 1 Grading Policy

- Graded problem sets are due Monday, September 26 at noon.
- Make sure to post all the grades on MIT server by noon. Otherwise, you won't be able to post grades online.
- Return graded hardcopies to the TA in charge.

1. Basic

- All errors should be marked and explained.
- The final score for any problem in a problem set should not be less than zero.

2. Late or Incomplete Submission

- The problem set score is the score a student gets after her/his problem set has been graded normally.
- If the timestamp for a problem set is after Friday at 12PM, deduct 30% from the **problem set score**. If a problem set is late, please do mark it as late.
- If the timestamp for a problem set is after the following Monday at 12PM, the final grade is automatically 0. However, you should still fully correct the problem set to provide feedback.

3. When Programs Don't Compile

- If the compilation error seems like it was unintended, take off 10 points. In general, it should be easy to decide whether a compilation error is unintended or not. For instance, sometimes students accidentally delete semicolons after they are done testing and running their programs, but before their final submission. These are the cases we are trying to capture. In these cases, it must be evident that the trivial addition of a semicolon or the insertion of a missing bracket should make the program work.
- Otherwise, take off 30 points.
- If you are wondering whether a particular compilation error is unintended or not, contact the TA.

4. When Programs Don't Execute Correctly

- When you execute a student's program, follow the control of the program. If you find a problem, fit it into one of the case descriptions below. Take off as many points as indicated, correct the mistake, and continue the execution of the program.

- Do not double penalize student for the same mistake. Once you have corrected their initial mistake, keep executing the program to find more mistakes.
- If you find additional mistakes that DO NOT fall into the same case, take off points for these.
- You should have a good and consistent justification for each error student makes.
- Be consistent throughout the entire problem set.

5. Formatting & Commenting

- In general, if a solution is unnecessarily difficult to understand due to poor formatting, bad variable names, or lack of comments, you should deduct 5 points at most from the problem set score.

6. Specific Case Description for PS 1

- Please give FULL credit to any part that runs and produces the correct results.
- Students can write the Java code the way they like, and it may be different from the official solution.
- ProblemSet1.java (100 Points)
 - 4 pts: Introduction
 - 6 pts: Cube
 - 15 pts: Circle
 - 5 pts: take real value input
 - 5 pts: use Math.PI correctly
 - 5 pts: correct value for answer
 - 15 pts: Equilateral triangle
 - 2 pts: take integer values
 - 3 pts: return double
 - 5 pts: use Math.sqrt() correctly
 - 5 pts: correct value for answer
 - 15 pts: Trapezoid
 - 5 pts: double value input and output
 - 10 pts: correct value for answer
 - 25 pts: Slope of a Line
 - 2 pts: take integer values
 - 3 pts: return double
 - 7 pts: correctly check and handle if points are the same
 - 8 pts: correctly check and handle if vertical
 - 5 pts: correct value for answer
 - 20 pts: Time Conversion
 - 7 pts: correct value for hours
 - 6 pts: correct value for minutes
 - 7 pts: correct value for seconds