

CS 220

Problem Set 2

Due: 09 March 2018, 11:59 PM

General Instructions

- If you have consulted references (books, journal articles, online materials, other people), cite them as footnotes to the specific item where you used the resource/s as reference.
- Save your answer sheet as a PDF file. The answer sheet can be made using any word processing program (although preferably, one should use L^AT_EX to make it if as a practice towards writing technical articles).
- Submission of the problem set answers should be done via e-mail. Attach the PDF file, and write as the subject header of the e-mail: [CS 220] < *Last Name, First Name* > – Problem Set 2. For example, [CS 220] Kapayapaan, Reynaldo - Problem Set 2. Send your answers to jcyap@dcs.upd.edu.ph.
- **You should receive a confirmation e-mail from me stating receipt of your deliverable within 24 hours upon your submission of the problem set.** If you have not received any, forward your previous submission using the same subject header once more.
- If you have any questions regarding an item (EXCEPT the answer and solution) in the problem set, do not hesitate to e-mail me to ask them.

Questions

NOTE: Each item is worth 1 point, for a maximum score of 4 points.

1. Provide an evaluation of Python¹ using the properties discussed in Session 3. This time evaluate the PL as:
 - (a) An imperative programming language
 - (b) An object oriented programming language
2. Evaluate *one imperative language* not discussed in class (that is also NOT Python), again using the properties discussed prior.
3. Evaluate *one object oriented language* not discussed in class (that is also NOT Python), again using the properties discussed prior.
4. Discuss which programming language paradigm (imperative and object-oriented) has an advantage *for each of the programming language properties*.

¹For the syntax design, you may consult this one: <http://slebok.github.io/zoo/python/v2.x/sorochan-cordy/extracted/index.html>