Reading Assignment. For this week, read the following.

- Beginning Software Engineering, Ch. 1: Software Engineering from 20,000 Feet
- Managing the Development of Large Software Systems, W.W. Royce

Individual Assignment. Each week you will be asked to do some form of reflective writing (similar to journaling) related to topics in the course. Each reflective writing assignment will ask you to consider your experiences, beliefs, and/or thoughts regarding one or more specific topics (posed as questions). Your writing must be concise but thoughtful. In particular, your written answers should fit within a single written page (concise), while still demonstrating that you have put serious consideration and reflection into the questions (thoughtful). Your writing will be evaluated on the following criteria as appropriate for the assignment.

| Complete | all questions are fully answered |
| Concise  | writing is short, to the point, and free of “fluff” |
| Quality  | writing is clear, logical, and organized |
| Connected| writing shows understanding of topics and connections to own experiences |
| Personal | writing shows evidence of meaningful self reflection and analysis |

This week, please answer the following questions.

1. Consider the steps/tasks described in the 20,000 Feet article (i.e., requirements gathering, high-level design, low-level design, development, testing, deployment, maintenance). Consider past projects you have worked on and describe how you applied the tasks/steps if at all.

2. For the same projects, consider how you could have applied the tasks/steps differently to improve the outcome/process of the project. Describe the changes and what you think the result would have been.

3. Consider the “Change Happens” sidebar on page 4 of the 20,000 Feet article. Give an example of something you have worked on where the requirements changed midway through your work and how you dealt with the changes.

4. In the “Managing the Development of Large Software Systems” paper, Step 2 describes the importance of good documentation. Describe your initial reaction to reading this step and your opinion on the author’s arguments regarding the importance of documentation.

Submit your answers by creating a new page (after the previous page) in your Google Doc from HW 1. Include a header on your second page as in HW 1, e.g.:
Homework 2
Poly Morphism
9/11/2018

1. ... Answer to question 1 ...

2. ... Answer to question 2 ...

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