

Assignment #1

Writing practice: questions over chapter 2

CS 3398, Spring 2013

due: Section 251: Wednesday, Jan 30 and Section 252: Thursday, Jan 31.

Answer the following questions by writing a paragraph (or two). Do not just give answers in a list. Use complete sentences. Explain your answers, so that a student could understand, but use somewhat formal language.

Use the textbook and the class lectures for reference. Don't copy text from the book or lectures. You may summarize or expand, put things in your own words.

Type your answers into a file. Print a copy and bring it to class the day it is due.

1. Giving reasons for your answer based on the type of system being developed, suggest the most appropriate generic software process model that might be used as a basis for managing the development of the following systems:
 - A system to control a new anti-lock braking system in a car
 - A university accounting system that replaces an existing system
 - An interactive travel planning system that helps users plan journeys with the lowest environmental impact
2. Explain the concept of Change Avoidance. State a technique that can be used to employ this approach, explain how it enables the development team to "avoid change".

OR

Explain the concept of Change Tolerance. State a technique that can be used to employ this approach, explain how it enables the development team to tolerate changes.

3. Give (and explain) at least three advantages of using incremental development and/or delivery