



4. Give an example scenario (describing the project and team) where a change-driven process model would be preferred over a plan-driven model. Include a description of *why* the change-driven process model is preferred in your scenario.

5. Consider the XP practice given below. Provide a paragraph describing how it helps meet one of the four “objectives” we gave for software engineering (PQCT – increase *productivity* and *quality*, reduce *cost* and *time to market*).

- *Small Releases*

- *System metaphor*

6. Consider the software project described below. State which process model (waterfall or XP) you would choose for the project, and give *two* reasons why you would make this choice. Include several sentences defending each of your two reasons.

- Puma Products is a technology development firm employing approximately 50 software engineers. They are best known for their systems for planning and tracking livestock deliveries on tractor-trailers (niche market software is where it's at).

The new CFO for Puma Products would like to expand their product line to include systems for tracking and planning snow plow operations. She has convinced a few Iowa counties to work with the company for designing and implementing the snow plow tracking.