Fundamentals of Software Engineering

This Tutorial is based on questions from the book Software Engineering 10 by Ian Sommerville and is based on selected material covered in chapter 24. Use the lecture slides as a guide to what was covered. You will also need to ensure that you have read through the relevant parts of chapter 24.

Week 11 Tutorial

This Tutorial provides questions related to the material covered in the lecture and as such is examinable in the class test.

Quality management

1. What are the three main quality management activities?

2. What sections does Humphrey suggest should be included in a quality plan?

3. Briefly describe the two types of standard that may be defined during the quality management process?

4. What is ISO 9001 and what does it describe?

5. What are the stages in the software inspection process?

6. List the classes of faults that should be considered in an inspection checklist?

7. Describe two ways in which software product measurements may be used.

8. Why are software metrics not more widely used in industry?