

Information Systems Analysis & Design (M8748)

Tutorial 5

1. What is the different between a diagram and a model?
2. What are the four elements of a UML diagram?
3. Why do we use models in developing computerized information systems and other artifacts?
4. Why do we need standards for the graphical elements of diagrams?
5. What is the UML notation for each of the following: package, sub-system and model?
6. In what two ways can we show in UML that something is contained within something else, for example a sub-system within another sub-system?
7. What is the notation used for an activity in a UML activity diagram?
8. What links activities in an activity diagram?
9. In what two ways can a decision be represented in a UML activity diagram?
10. What are the two special states shown in an activity diagram?
11. What is meant by guard condition?
12. What is an object flow?
13. What is the notation for an object flow?
14. What is the difference between the USDP and the waterfall life cycle in the relationship between activities and phases?