

CM1603 - Database Systems

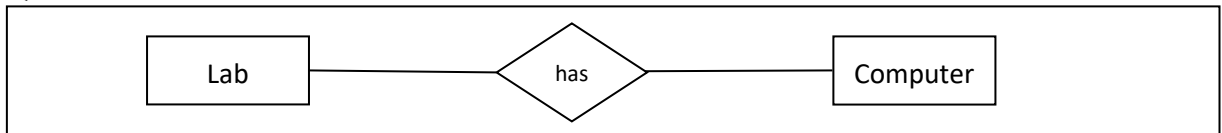
Week 4

Tutorial 3 - Conceptual Data Modelling

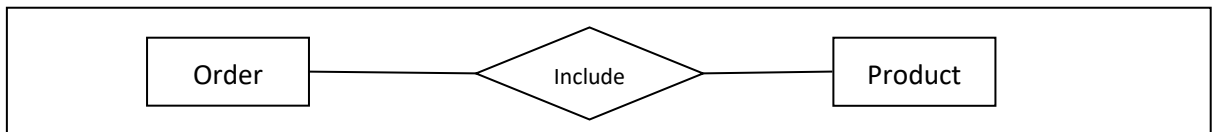
Task 1

Identify the multiplicity constraints (cardinality and participation) for each of the relationships given below.

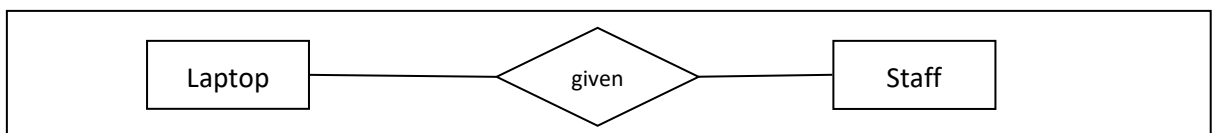
Question 1.1.



Question 1.2.



Question 1.3.



Task 2

Draw the complete Entity Relationship diagram for each of the given problem statements in Week 3 – Tutorial 2. Clearly mark the entities, relationships, primary key, non-key attributes, and multiplicity constraints.