**Database Fundamentals**

**LabSheet 1**

Type up your answers to the following questions and show to your lecturer when complete before the end of the lab session.

1. Write a short definition for the following terms:
   1. Data
   2. Persistent storage
   3. Database
   4. Databases Management System
   5. Database Systems
2. If you were developing a system to run an online auction site like **www**.**e-bay.ie**, give examples of what information might need to be stored in persistent storage.
3. Using any Irish job recruitment site, locate a job which requires you to know SQL and how to design a database. Paste the job description into your answer sheet.
4. Read up on the following DBMS’s, and write a short summary for each:
   1. MySQL
   2. MsAccess
   3. SQL Server
   4. Oracle 11g

Include in your summary - what company owns the DBMS, is it open source, is it popular (look for comparison between the different databases).