

3. Databases

In the diagram below, a database has been created to show how the Corporate College keeps track of what courses they offer

	CourseID	Dept	Title	Length(wks)	Cost(KD)
1	M101	Maths	Basic Numeracy	12	81.000
2	M102	Maths	Statistics for Beginners	4	24.000
3	M114	Maths	Advanced Calculus	8	49.500
4	E210	English	Conversational English	4	24.000
5	E225	English	Creative Writing	12	81.000
6	B302	Business	Business Accounting	8	65.000
7	B311	Business	Marketing Basics	6	49.500
8	B326	Business	Economic Theory	12	81.000

a. What is a field?

_____ [1]

b. What is a query?

_____ [1]

c. Describe how you would use the database to find all the courses taught by the maths department:

_____ [3]

d. Which field would be most likely to be used as a key field for this database?

_____ [1]

e. The principal would like to see a list of all the short courses offered by the college. Describe how you could print out a list of the courses that last less than six weeks.

_____ [4]