

1997 Paper 8 Question 9

Database Topics

Describe briefly what is involved in extending a programming language to support persistence of data. [5 marks]

What are the advantages and drawbacks of using a persistent programming language for database management as opposed to a conventional DBMS based on the ANSI/SPARC architecture? [8 marks]

To what extent may it be said that the ODMG proposals offer the advantages of persistent programming within a framework of conventional database management? [7 marks]