

Database Systems: CS 329

Week 2: Introduction

Solve the following questions as per your understanding of video lecture of Week1

1. Why the Data independence is necessary at each architectural level of database. Discuss with suitable examples.
2. Discuss what is meant by each of the following terms:
 - (i) Database authorization
 - (ii) Access control
 - (iii) Data encryption
 - (iv) Privileged(system) account
 - (v) Database audit
 - (vi) Audit trail
3. Consider the relation BankEmp and assume yourself as database administrator. Write the SQL statements to grant privileges for the following:
 - (a) Allow USER1 to retrieve ECode, Ename and salary.
 - (b) Allow USER2 to update the Salary of any employee