

SQL Practical Questions

1) ITEM

I_ID	Item_Name	Manufacturer	Price
PC01	Personal Computer	HP	35000
LC05	Laptop	HP	55000
PC03	Personal Computer	Toshiba	32000
PC06	Personal Computer	Dell	37000
LC03	Laptop	Lenovo	57000

CUSTOMER

C_ID	Customer_Name	City	I_ID
01	N Roy	Delhi	LC03
06	H Singh	Mumbai	PC03
12	R Pandey	Delhi	PC06
15	C Sharma	Delhi	LC03
16	K Agarwal	Bangalore	PC01

Write the SQL queries for the followings:

- Create the table given above in SQL. Set I_ID and C_ID as primary key for the tables ITEM and CUSTOMER respectively. Set I_ID as a foreign key in the CUSTOMER table.
- Insert the data given above in the tables.
- To display different city to which the customer belongs.
- To display the highest price of each item.
- To display the names of the customers who have bought laptops of Lenovo company.
- Decrease the price of items of HP Company by 5%.

2) Consider the following tables BOOKS and ISSUED. Write SQL command for the following:-

Books

Book_Id	Book_name	Author_name	Publishers	Price	Type	Qty
C0001	Fast Cook	Lata Kapoor	EPB	355	Cookery	5
F0001	The Tears	William Hopkins	First Publ.	650	Fiction	20
T0001	My First C++	Brain and Brooke	EPB	350	Text	10
T0002	C++ Brainworks	A.W. Rossaine	TDH	350	Text	15
F0002	Thunderbolts	Anna Roberts	First Publ.	750	Fiction	50

Issued

Book_Id	Quantity_Issued
T0001	4
C0001	5
F0001	2

Write the SQL queries for the followings:

- I. Create the table given above in SQL. Set Book_ID as primary key in table Books and foreign key in table Issued.
- II. Insert the data given above in the tables.
- III. To show Book name, Author name and Price of books of First Publ. Publisher.
- IV. To display the names and price from Books in ascending order of their price.
- V. To increase the price of all books of EPB Publisher by 50.
- VI. To insert a new row in the table issued having the following data "F0003", 1.