

Consultadd Presents

360° *Consultadd* TRAINING

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ASSIGNMENT BOOK DATABASE'S ASSIGNMENT

EXERCISE 1:

Learn and implement database creation.

CREATE A DATABASE SCHEME AND NAMED IT AS
HOTEL MANAGEMENT SYSTEM,

ACTIONS TO BE TAKEN:

Create Table Customers, with the following attributes:

- Column 1: Cust_ID (Type - Integer) [Primary Key, Not Null]
- Column 2 : Cust_Name (Type - Varchar)
- Column 3 : Cust_City (Type - Varchar)
- Column 4 : Cust_RoomNo (Type - Integer)
- Column 5: CheckIn_Time (Type - Date/Time)

Insert any 5 random data into it and Print the whole Table data.

EXERCISE 2:

Implementation of basic SQL commands.

Consider a database of an E-commerce website. The database consists of 8 different tables in it. The corresponding table has data of all the customers, products, orders, shipping details, and employee details of the website.

Database specification:

Table name	Records
• Customers	91
• Categories	8
• Employees	10
• OrderDetails	518
• Orders	196
• Products	77
• Shippers	3
• Suppliers	29

- All the data is stored in a SQL file which would be given, you can execute the SQL file to store the database at your local machine*
- As per the given database solve the below query and get the output for the same.

QUESTIONS:

Implementation of basic SQL commands.

- Print Distinct City from Table Customers and Print Count Distinct City from Table Customers.
- Write a SQL query to get the least number of quantities and the highest number of quantities bought by the user consider the OrderDetails Table.
- Print the total and an average number of quantities ordered by users, consider the OrderDetails Table.
- Print name of the product which is present at the 5th position till the 15th position from Products table, use LIMIT keyword.
- Write a SQL query for all the details of the supplier whose name consists of "A" at the second position from the Suppliers table.
- Print the details of the customer who doesn't stay in the USA and Canada from the Customers table.

QUESTIONS:

Implementation of basic SQL commands.

- Print the details of all the orders which were placed between the year 2020 to 2021 also print the same in descending order from the OrderDetails table.
- Write a query to show the distinct city and their count from the Customers table.
- Write a query to fetch details of all employees excluding the employees with first names, "Sanjay" and "Sonia" from the Employees table.
- Duplicate a table as similar to the Suppliers table and name it as SupplierDetail.
- Delete customer details whose country is Venezuela and print the rest of the Customer table

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