MySQL WORKSHEET-1

DataTrained
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Assume the scenario of an E-Commerce Database. All of the given below questions of SQL are related to this scenario.

NOTE: You have to implement the given below tables in your MySQL application. Also, the sample data is given in the tables. All the future worksheet questions depend on these tables.

Ques 1 Write a SQL query to create a table named 'Customers' with the following columns present in it CustomerID, FirstName, LastName, Address, City, PostalCode, Country, and also insert the data as given below in the Customers Table.

Customers Table

CustomerID	FirstName	LastName	Address	City	PostalCode	Country
18	Harry	Potter	67 Atlanta	Nantes	44000	France
19	Doctor	Who	35 King George	London	WX3 6FW	UK
20	James	Bond	Kirchgasse 6	Graz	8010	Austria
21	Ram	Sharma	Sector 43	Delhi	5442030	India
22	Shyam	Goel	Sector 47	Chandigarh	28034	India
23	Raj	Rao	Sector 50	Mumbai	59000	India
21	Ram	Sharma	Sector 43	Delhi	5442030	India
22	Shyam	Goel	Sector 47	Chandigarh	28034	India

Ques 2 Write a SQL query to create a table named 'Categories' with the following columns present in it : CategoryID, CategoryName, Description

Categories Table

CategoryID	CategoryName	Description
1	Beverages	Soft drinks, coffees, teas, beers, and ales
2	Condiments	Sweet and savory sauces, relishes, spreads, and seasonings
3	Confections	Desserts, candies, and sweet breads
4	Dairy Products	Cheeses
5	Grains	Breads, crackers, pasta, and cereal

Ques 3 Write a SQL query to create a table named 'Payment' with the following columns present in it :
PaymentID, PaymentType

Payment Table

PAY_ID	PAYMENT_TYPE
1	COD
2	UPI
3	CREDIT_CARD
4	DEBIT_CARD

Ques 4 Write a SQL query to create a table named 'Orders' with the following columns present in it : OrderID, CustomerID, OrderDate,ShipperID, Pay_ID

Orders Table

OrderID	CustomerID	OrderDate	ShipperID	Pay_ID
10248	18	1996-07-04	3	1
10249	19	1996-07-05	1	2
10250	20	1996-07-08	2	3
10251	21	1996-07-08	1	4
10252	22	1996-07-09	2	1
10253	23	1996-07-10	2	2
10254	18	1996-07-11	2	3
10255	19	1996-07-12	3	4
10256	20	1996-07-15	2	2

Ques 5 Write a SQL query to create a table named 'Shipper' with the following columns present in it :
ShipperID, ShipperName, Phone

Shippers Table

ShipperID	ShipperName	Phone
1	Speedy Express	5559831
2	United Package	5553199
3	Federal Shipping	5559931

Ques 6 Write a SQL query to create a table named 'OrderDetails' with the following columns present in it :
OrderDetailsID, OrderID, ProductID, OrderNo, Units

OrderDetailsTable

OrderDetailID	OrderID	ProductID	Units
1	10248	1	12
2	10249	2	9
3	10250	3	10
4	10251	4	6
5	10252	5	40
6	10253	6	20
7	10254	7	0
8	10254	8	21
9	10255	9	35
10	10255	10	25

Ques 7 Write a SQL query to create a table named 'Product' with the following columns present in it :
ProductID, ProductName, ProductPrice, SupplierID, CategoryID, Units,UnitInStock, DiscountAvailable

Product Table

Product ID	ProductName	Supplier ID	Category ID	Price	Units	UnitIn Stock	Discount
1	Chai	1	1	18	12	15	2
2	SoftDrink	1	1	19	9	25	3
3	Seasonings	1	2	10	10	19	4
4	Candies	2	3	22	6	100	5
5	SweetBread	2	3	29	40	50	3
6	Cheese	3	4	25	20	70	6
7	Pasta	3	5	30	0	8	8
8	Cereals	3	5	40	21	25	10
9	Coffee	4	1	97	35	40	13
10	SavorySauces	4	2	80	25	29	20

Ques 8 Write a SQL query to create a table named 'Suppliers' with the following columns present in it: SupplierID, SupplierName, CategoryID, City, PostalCode, Country, Phone, Email, CustomerID

Suppliers Table

SupplierID	SupplierName	CategoryID	City	PostalCode	Country	Phone	CustomerID
1	RakeshTraders	1	New Mexico	23145	UK	55522	18
2	Sumit Co.	2	New Orleans	70117	USA	55500	19
3	Ramesh And Sons	3	New Jersey	45372	USA	5544432	20
4	Iyer Company	2	New Delhi	13579	India	657890	21
5	Sunrise	5	Navi Mumbai	87654	India	1234567	22
6	Ram Traders	3	Chandigarh	65432	India	543278	21
7	Sohan Co.	4	Jaipur	12678	India	127845	21
8	Mohan and Sons	1	Bhopal	43521	India	453216	22
9	Jindal Company	2	California	67898	USA	6754324	20
10	Modi And Company	4	Noida	23590	India	345678	18

Ques 9. Write a SQL query to create a table named 'Employees' with the following columns present in it: EmployeeID, EmployeeName, and Salary.

Employee Table

EmployeeID	Name	Department
1	Rohan	HR
2	Mohan	Marketing
3	Sohan	Sales
4	Rahul	Development

Ques 10. Write a SQL query to delete all the data from the Employee Table without deleting the table structure.

Ques 11. Write a SQL query to remove the Employee Table completely.

Ques 12. Write a SQL statement to change the CustomerID from 18 to 50 in the Customers Table.

Ques 13. Write a SQL statement to delete a row that has Units equal to zero in the OrderDetails Table.