

Q1. Write SQL query for the following :

Table : Purchase

Field	Data Type	Size	Constraints
CustID	CHAR	5	Primary key
CustName	Varchar	30	
ItemName	Varchar	30	
PurchaseDate	Date		
Qty	Int		
Rate	Int		
Amount	Int		

- (i) To create above table as per specification given
- (ii) To insert 02 records as per your choice
- (iii) Display the Item name , qty & Rates of all items purchased by customer whose custID is C101.
- (iv) Delete record of customer 'Kamala'.

Q2. Write SQL query for the following :

Table : Purchase

Field	Data Type	Size	Constraints
CustID	CHAR	5	Primary key
CustName	Varchar	30	
ItemName	Varchar	30	
PurchaseDate	Date		
Qty	Int		
Rate	Int		
Amount	Int		

- (i) To create above table as per specification given
- (ii) Add new column '**ItemCategory**' to store one Characters only.
- (iii) Display the ItemName purchased between dates '2015-01-22' and '2015-02-21' .
- (iv) Display customer name who purchased 'TEA' from the shop.

Q3. Write SQL query for the following :

Table : SHOP

Field	DataType	Size	Constraints
ItemID	CHAR	5	Primary key
ItemName	Varchar	30	
Qty	Int		
Rate	Int		

- (i) To create above table as per specification given
- (ii) Add new column '**ItemType**' to store one Characters only.
- (iii) To update the table and change the Qty of TEA If item 'TEA' sold in qty 50,
- (iv) Display ItemName whose Qty is more than 10 but Rate is less than Rs. 100;

04 Consider the tables HANDSET and CUSTOMER given below:

Handset

SetCode	SetName	TouchScreen	PhoneCost
N1	Talk2G	N	5000
N2	Talk 3G	Y	8000
B1	Samwaad	N	14000

Customer

CustNo	SetNo	CustAddress
1	N2	Delhi
2	B1	Mumbai
3	N2	Mumbai
4	N1	Kolkata
5	B1	delhi

- (i) Display Customer No., Customer Address of all customers.
- (ii) Display details of Touch Screen phone.
- (iii) Insert new record in Customer as per your choice.
- (iv) To drop table customer

05. Consider the tables PURCHASE and CUSTOMERS given below:

CUSTOMER

Cust_Id	First_Name	Last_Name	DOB	PurchaseAmount
1	Alisha	Madan	20/01/1989	200
2	Akhil	Sachdeva	01/02/1990	199
3	Rajesh	Mehta	10/09/1986	600
	Rani	Garg	24/11/1986	99

With reference to these tables, write commands in SQL for (i) and (iv)

- (i) Display the first name, last name and DOB of all the customers.
- (ii) Display the names of all customers whose purchase amount is more than Rs. 200
- (iii) Display Sum of purchase Amount of above table.
- (iv) Display First Name whose DOB between 10/09/1986 and 20/01/1989.

Q6. Write the SQL command for (i) to (iv) on the basis of the table SUPPLIER:

Table: SHOP

SNo	PName	SName	Qty	Price	City
S1	Bread	Britannia	150	8.00	Delhi
S2	Cake	Britannia	250	20.00	Mumbai
S3	Coffee	Nascafe	170	45.00	Mumbai
S4	Chocolate	amul	380	10.00	Delhi
S5	Sauce	kissan	470	36.00	Jaipur

- (i) Display details for all products whose quantity is between 170 and 370.
- (ii) Display data for all products sorted by their quantity.
- (iii) Display City where City should not repeat.
- (iv) Give SName for that entire product whose name starts with "C".

Q7. Use the following structure of **Customer** table to write SQL as follows :

Column Name	Cust_ID (Primary Key)	Cust_Name	Cust_Add1	Pin_Code	Cust_Phone
Data type	NUMBER	VARCHAR2	VARCHAR2	NUMBER	VARCHAR2
Length	7	30	20	6	10

- (i) To create the above table including its Constraints.
- (ii) To insert a record into created table.
- (iii) Add new column in above table as **DateOfReg** of date type.
- (iv) Drop the column Pin_Code

Q8. Consider following tables and write SQL

Table: Emp						
EMPNO	ENAME	JOB	HIREDATE	SAL	COMM	DEPTNO
7566	JONES	MANAGER	02-Apr-81	2975	NULL	20
7654	MARTIN	SALESMAN	28-Sep-81	1250	1400	30
7698	BLAKE	MANAGER	01-May-81	2850	NULL	30
7782	CLARK	MANAGER	09-Jun-81	2450	NULL	10
7788	SCOTT	ANALYST	09-Dec-82	3000	NULL	20

- (i) To list the EName who is not getting any commission(COMM).
- (ii) Display ENAME and SAL of all employee getting salary more than 1000
- (iii) Display different jobs available in EMP table.
(Hint : unique jobs)
- (iv) Display Name of Employee whose name start with character 'A'.

Q9. Write SQL query for the following :

Table : Purchase

Field	Data Type	Size	Constraints
CustID	CHAR	5	Primary key
CustName	Varchar	30	
ItemName	Varchar	30	
PurchaseDate	Date		
Qty	Int		
Rate	Int		
Amount	Int		

- (v) To create above table as per specification given
- (vi) To insert 02 records as per your choice
- (vii) Display the Item name , qty & Rates of all items purchased by customer whose custID is C101.
- (viii) Delete record of customer 'Kamala'.

Q10. Write SQL query for the following :

Table : Purchase

Field	Data Type	Size	Constraints
CustID	CHAR	5	Primary key
CustName	Varchar	30	
ItemName	Varchar	30	
PurchaseDate	Date		
Qty	Int		
Rate	Int		
Amount	Int		

- (v) To create above table as per specification given
- (vi) Add new column '**ItemCategory**' to store one Characters only.
- (vii) Display the ItemName purchased between dates '2015-01-22' and '2015-02-21' .
- (viii) Display customer name who purchased 'TEA' from the shop.

Q11. Write SQL query for the following :

Table : SHOP

Field	DataType	Size	Constraints
ItemID	CHAR	5	Primary key
ItemName	Varchar	30	
Qty	Int		
Rate	Int		

- (v) To create above table as per specification given
- (vi) Add new column '**ItemType**' to store one Characters only.
- (vii) To update the table If item 'TEA' sold in qty 50,
- (viii) Display ItemName whose Qty is more than 10 but Rate is less than Rs. 100;

Q12. Write SQL query for the following :

Table : Purchase

Field	DataType	Size	Constraints
CustID	CHAR	5	Primary key
CustName	Varchar	30	
ItemName	Varchar	30	
PurchaseDate	Date		
Qty	Int		
Rate	Int		
Amount	Int		

- (ix) To create above table as per specification given
- (x) To insert 02 records as per your choice
- (xi) Display the Item name , qty & Rates of all items purchased by customer whose custID is C101.
- (xii) Delete record of customer 'Kamala'.

Q13. Write SQL query for the following :

Table : Purchase

Field	Data Type	Size	Constraints
CustID	CHAR	5	Primary key
CustName	Varchar	30	
ItemName	Varchar	30	
PurchaseDate	Date		
Qty	Int		
Rate	Int		
Amount	Int		

- (ix) To create above table as per specification given
- (x) Add new column '**ItemCategory**' to store one Characters only.
- (xi) Display the ItemName purchased between dates '2015-01-22' and '2015-02-21' .
- (xii) Display customer name who purchased 'TEA' from the shop.

Q14. Write SQL query for the following :

Table : SHOP

Field	Data Type	Size	Constraints
ItemID	CHAR	5	Primary key
ItemName	Varchar	30	
Qty	Int		
Rate	Int		

- (ix) To create above table as per specification given
- (x) Add new column '**ItemType**' to store one Characters only.
- (xi) To update the table and change the Qty of TEA If item 'TEA' sold in qty 50,
- (xii) Display ItemName whose Qty is more than 10 but Rate is less than Rs. 100;

Q15

Consider the tables HANDSET and CUSTOMER given below:

Handset

SetCode	SetName	TouchScreen	PhoneCost
N1	Talk2G	N	5000
N2	Talk 3G	Y	8000
B1	Samwaad	N	14000

Customer

CustNo	SetNo	CustAddress
1	N2	Delhi
2	B1	Mumbai
3	N2	Mumbai
4	N1	Kolkata
5	B1	delhi

- (v) Display Customer No., Customer Address of all customers.
- (vi) Display details of Touch Screen phone.
- (vii) Insert new record in Customer as per your choice.
- (viii) To drop table customer

Q16 Consider the tables PURCHASE and CUSTOMERS given below:

CUSTOMER

Cust_Id	First_Name	Last_Name	DOB	PurchaseAmount
1	Alisha	Madan	20/01/1989	200
2	Akhil	Sachdeva	01/02/1990	199
3	Rajesh	Mehta	10/09/1986	600
	Rani	Garg	24/11/1986	99

With reference to these tables, write commands in SQL for (i) and (iv)

- (iii) Display the first name, last name and DOB of all the customers.
- (iv) Display the names of all customers whose purchase amount is more than Rs. 200
- (iii) Display Sum of purchase Amount of above table.
- (iv) Display First Name whose DOB between 10/09/1986 and 20/01/1989.

Q17. Write the SQL command for (i) to (iv) on the basis of the table SUPPLIER:

Table: SHOP

SNo	PName	SName	Qty	Price	City
S1	Bread	Britannia	150	8.00	Delhi
S2	Cake	Britannia	250	20.00	Mumbai
S3	Coffee	Nascafe	170	45.00	Mumbai
S4	Chocolate	amul	380	10.00	Delhi
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- (v) Display details for all products whose quantity is between 170 and 370.
- (vi) Display data for all products sorted by their quantity.
- (vii) Display City where City should not repeat.
- (viii) Give SName for that entire product whose name starts with "C".

Q18. Use the following structure of **Customer** table to write SQL as follows :

Column Name	Cust_ID	Cust_Name	Cust_Add1	Pin_Code	Cust_Phone
	(Primary Key)				
Data type	NUMBER	VARCHAR2	VARCHAR2	NUMBER	VARCHAR2
Length	7	30	20	6	10

- (v) To create the above table including its Constraints.
- (vi) To insert a record into created table.
- (vii) Add new column in above table as **DateOfReg** of date type.
- (viii) Drop the column Pin_Code

Q19. Consider following tables and write SQL

Table: Emp						
EMPNO	ENAME	JOB	HIREDATE	SAL	COMM	DEPTNO
7369	SMITH	CLERK	17-Dec-80	800	NULL	20
7499	ALLEN	SALESMAN	20-Feb-81	1600	300	30
7521	WARD	SALESMAN	22-Feb-81	1250	500	30
7566	JONES	MANAGER	02-Apr-81	2975	NULL	20
7654	MARTIN	SALESMAN	28-Sep-81	1250	1400	30

- (v) To list the EName who is not getting any commission(COMM).
- (vi) Display ENAME and SAL of all employee getting salary more that 1000
- (vii) Display different jobs available in EMP table.
(Hint : unique jobs)
- (viii) Display Name of Employee whose name start with character 'A'.

Q22. Write SQL query for the following :

Table : Purchase

Field	DataType	Size	Constraints
CustID	CHAR	5	Primary key
CustName	Varchar	30	
ItemName	Varchar	30	
PurchaseDate	Date		
Qty	Int		
Rate	Int		
Amount	Int		

- (xiii) To create above table as per specification given
- (xiv) To insert 02 records as per your choice
- (xv) Display the Item name , qty & Rates of all items purchased by customer whose custID is C101.
- (xvi) Delete record of customer 'Kamala'.