

Q.1. Write the answers based on the following table:  
Table: Manger

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Deptno	Deptname	Name	City
S101	Sales	Pranjal Sharma	Delhi
HR404	HR	Preeti Arora	Chennai
P204	Purchase	Sukhmeen Singh	Bangalore
AD990	Admin	Sukanya Kumar	Mumbai

- a. Suggest a suitable data type for the Deptname field.
- b. Write a query to display all the records of the table.
- c. Add a new record with the following details:  
(‘S106’, ‘Sales’, “Kritika Tuteja”, “Delhi”).

Q.2

- 6. What do you mean by task? How you can create and edit a task?
- 7. State the relationship and difference between primary key and foreign key.
- 8. Write an SQL query to create a table with the following structure.

Field	Type
Emp_no	char(4)
Name	varchar(25)
Salary	Float
Department	varchar(15)

Q.3

**FOR WRITING SQL QUERIES :**

- SQL statements are not case sensitive.
- Place a semicolon (;) at the end of the last clause.
- SQL statements can be on one or more lines.
- Keywords cannot be abbreviated or split across lines.
- Clauses are usually placed on separate lines.
- Tabs and indents are used to enhance readability.

The general form is :  
SELECT COLUMN NAME....  
FROM TABLE NAME  
WHERE CONDITION;

EXAMPLE : TABLE NAME IS STUDENT

ROLLNO	NAME	ENG	MATHS
1	RAJ	54	66
2	RAM	44	77
3	ROSHNI	77	79
4	ROHAN	23	98

Write MYSQL Queries for the following :

1. To create the given table.
2. To display all the data from table.
3. To display only name and ENG from table.
4. To display ENG and MATHS from the table whose Rollno is greater than 2.
5. To insert one more row as (5,"resham",55,76)
6. To delete the record of those students who are having ENG less than 30.
7. To update the ENG as 49 of those students Where rollno is less than 3

**Answers :**

1. CREATE TABLE STUDENT (ROLLNO INTEGER(20),NAME CHAR(25), ENG  
INTEGER(4), MATHS INTEGER(4));
2. SELECT \* FROM STUDENT;
3. SELECT NAME,ENG FROM STUDENT;
4. SELECT ENG,MATHS FROM STUDENT WHERE ROLLNO >2;
5. INSERT INTO STUDENT VALUES(5,"RESHAM",55,76);
6. DELETE FROM STUDENT WHERE ENG<30;
7. UPDATE STUDENT  
SET ENG=49  
WHERE Rollno<3;

Q.1 write the commands based on this table

**TABLE: STUDENT**

SCODE	NAME	AGE	STRCDE	POINTS	GI
101	Amit	16	1	6	1
102	Arjun	13	3	4	
103	Zaheer	14	2	1	
105	Gagan	15	5	2	
108	Kumar	13	6	8	
109	Rajesh	17	5	8	
110	Naveen	13	3	9	
113	Ajay	16	2	3	
115	Kapil	14	3	2	
120	Gurdeep	15	2	6	

A) Create the following table.

Ans: Create table student(SCode integer, Name varchar(25), Age integer, strcde integer, points integer);

B) To display the details of those students whose age is greater than 15

Ans : Select \* from student where age > 15

c) To display the details of all students in descending order of Points

Ans: select \* from student order by Points desc;

d) To display the details of Arjun

ans: Select \* from student where name = 'Arjun';

Q.

*Table : GAMES*

<i>GCode</i>	<i>GameName</i>	<i>Type</i>	<i>Number</i>	<i>PrizeMoney</i>	<i>ScheduleDate</i>
101	Carom Board	Indoor	2	5000	23-Jan-2004
102	Badminton	Outdoor	2	12000	12-Dec-2003
103	Table Tennis	Indoor	4	8000	14-Feb-2004
105	Chess	Indoor	2	9000	01-Jan-2004
108	Lawn Tennis	Outdoor	4	25000	19-Mar-2004

- 1) To display the names of all games with their GCodes.  
Ans: Select Gamename, Gcode from games;
- 2) To display details of those games which are having Prizemoney more than 7000.  
Ans: Select \* from games where prizemoney > 7000;
- 3) To display the content of the games table in ascending order of schedule date  
Ans : Select \* from games order by Scheduledate;
- 4) To display the indoor games.  
Ans: Select \* from games where type="indoor"
- 5) To display the details of games started after 1<sup>st</sup> jan,2004  
Ans : Select \* from games where ScheduleDate>01-jan-2004;

Q

MOVE FAST WITH INFORMATICS PRACTICES – XII

<i>GCODE</i>	<i>GNAME</i>	<i>SIZE</i>	<i>COLOUR</i>	<i>PRICE</i>
113	Skirt	M	Black	1100.00
114	Ladies Jacket	XL	Blue	4000.00
115	Trousers	L	Brown	1500.00
116	Ladies Top	L	Pink	1200.00

*To display names of those garments that are available in 'XL' size.*

Ans : select Gname from garment where size='XL';

Q. To change the colour of garment with code as 116 to 'Orange'

Ans: Update Garment set Colour='Orange'where Gcode=116;

