

# Lab Assignment -1



Date \_\_\_/\_\_\_/\_\_\_

(सब से पहले)

Q) Consider A table stud69. Write sql cmd for the following table-statements

Primary keys

Stud-no	class	Name	Game	Grade 1	supw	Grade 2
10	7	Sameer	Cricket	B	Photography	A
11	8	Sujit	Tennis	A	Gardening	C
12	7	Kamal	swimming	B	Photography	B
13	7	Veena	Tennis	C	Cooking	A
14	9	Arclara	Basketball	A	Literature	A
15	10	Arpit	Cricket	A	Gardening	C

Q) Display the name of the students who are getting grade 'C' in either game or supw.

→ > Select name from stud69  
where grade1 = 'C' or grade2 = 'C';

name	output
Sujit	
Veena	
Arpit	

Q) Display no. of students getting grade 'A' in cricket

→ > Select count(\*) from stud69  
where grade1 = 'A' and game = 'cricket';

Count(*)
1

Q) Display the different games offered in the school.

→ > Select DISTINCT game  
from stud69;

game
Cricket
Tennis
Swimming
Basketball

Q) Display the supw taken by the students whose name start with 'A'.

→ Select supw from stud69 where name like 'A%';

supw
Literature
Gardening

null के साथ 'is' जावेगा



Date \_\_\_/\_\_\_/\_\_\_

⑤ Add a new ~~to~~ column name 'marks'

→ > Alter table stud69  
add marks double;

⑥ Assign a value 200 for marks for all those who are grade B or above in game.

→ > Update stud69  
set marks = 200  
where grade <= 'B'; → [B or C]

⑦ Arrange the whole table in alphabetical order to supw

→ > select \* from stud69  
order by supw;

stud_no	class	name	game	grade 1	supw	grade 2
13	7	Veena	Tennis	C	cooking	A
11	8	Sujit	Tennis	A	gardening	C
15	10	Arpit	Cricket	A	<del>literature</del>	C
14	9	Archana	basket ball	A	literature	A
10	7	Sameer	cricket	B	photography	A
12	7	Kamal	swimming	B	photography	C



1)

<u>Sid</u>	<u>Name</u>	<u>lid</u>	<u>lname</u>
S1	Anita Singh	102	Mumbai
S2	TP Singh	101	Delhi
S3	Tina Ag.	103	Kolkata
S4	Gurdeep Singh	102	Mumbai
S5	Sini Fazel	103	Kolkata

2)

<u>name</u>	<u>sales</u>	<u>lname</u>
Tina Ag.	1400000	Kolkata
Sini Fazel	1450000	Kolkata

3) Name

Anita Singh

TP Singh

Gurdeep Singh



## Lab assignment -2

Date \_\_\_/\_\_\_/\_\_\_



Q In a database company, there are two tables; Sales & Location

Sales

sid	Name	Sales	lid
S1	Anita Singh	250000	102
S2	T P Singh	1300000	101
S3	Tina Ag.	1400000	103
S4	Gurdeep Singh	1250000	102
S5	Sini Fiza	1450000	103

Location

lid	lname
101	Delhi
102	Mumbai
103	Kolkata
104	Chennai

Q1) Write Sql cmd to display sid, name of salesman, lid with the corresponding location name

→ 

```
> Select Sales sid, Sales Name, Sales.lid, lname
from Sales, Location
where Sales.lid = Location.lid;
```

Q2) Write Sql cmd to display name of salesman, sales and corresponding location name who have achieved sales > 1300000

→ 

```
> Select Name, Sales, lname from Sales, Location
where Sales.lid = Location.lid
and where Sales > 1300000;
```

Q3) Write SQL cmd to display name of those salesman who have 'Singh' in their name



Ans 3 →

Select Name from Sales  
Where Name like 'Singh %';

Q4) Write SQL cmd to change location id to 104 of the salesman with id as S3 in the sales



Ans 4 →

Update Sales  
set did = '104'  
where sid = 'S3';



# Assignment - 3

Date \_\_\_/\_\_\_/\_\_\_



Table: SAMS

icode	iname	price	colour	Vcode
S001	Refridgerator	20,000	Blue	P01
S002	Mobile Phone	45,000	Black	P02
S003	Lcd	60,000	Silver	P03
S004	Washing m/c	12,500	Smoke	P04
S005	A.C.	16,000	White	P03

Table: Vendor

Vcode	VName
P01	Satish
P02	Manoj
P03	Subodh
P04	Jacob

Q1) To display icode, iname, and Vname of all vendor who manufacture 'Refridgerator'.

→ > Select icode, iname, SAMS.Vname from SAMS, Vendor  
where SAMS.Vcode = Vendor.Vcode  
and iname = 'Refridgerator';

Q2) Write Sql code to display iname, icode, Vname & price of all products whose price is more than 20,000.

→ > Select iname, icode, Vname, price from SAMS, Vendor  
where SAMS.Vcode = Vendor.Vcode  
and price > 20,000;

Q3) Write Sql code to display Vendor name & name of all items manufactured by Vendor whose code is P03.

→ > Select Vname, iname from SAMS, Vendor  
where SAMS.Vcode = Vendor.Vcode  
and SAMS.Vcode = 'P03';



### output - Ass 3

1) icode iname vname ←  
S001 Refrigerator Satish

bi as 1100 bi 1  
2 1A 2

2A 2

price  
45000

←

② icode iname vname  
S002 Mobile Phone Manoj

S003 Lcd

Subodh

60000

2A 2

PA 10

③ vname iname

Subodh Lcd

Subodh A.C.

←