## **SQL PRACTICES**

## **SELECT COMMAND:**

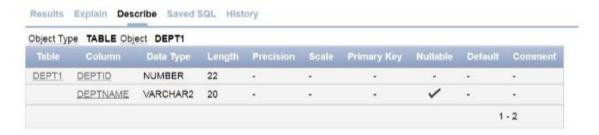
SELECT \* FROM Customers;

**SELECT \* FROM Customers** 

WHERE Country='Mexico';

## **SAMPLE CODE WITH OUTPUTS:**

create table dept1( deptid number not null, deptnamevarchar(20));



alter table s add constraint c\_const1 check (age > 17); update s set age=18; select \* from s;

ROLLNO	NAME	AGE	
203	sabarinathan	18	
205	sabitha	18	
206	sachin	18	
207	sakthi	18	

alter table dept1 add constraint d\_pk primary key (deptid);

#### Object Type TABLE Object DEPT

Table	Column	Data Type	Length	Precision	Scale	Primary Key	Nullable	Default	Comment
DEPT	DEPTNO	NUMBER	-	2	0	1	-		
	DNAME	VARCHAR2	14	*	2		/		4
	LOC	VARCHAR2	13			*	/	-	
								1	- 3

Learning in built functions

SELECT COUNT(column\_name)

FROM *table\_name* 

WHERE condition;

SELECT AVG(column\_name)

FROM table name

WHERE condition;

SELECT SUM(column\_name)

FROM *table\_name* 

WHERE condition;

### **JOINS**

SELECT Orders.OrderID, Customers.CustomerName, Orders.OrderDate FROM Orders

INNER JOIN Customers ON Orders.CustomerID=Customers.Customers;

#### **INNER JOINS**

SELECT Orders.OrderID, Customers.CustomerName

FROM Orders

INNER JOIN Customers ON Orders.CustomerID = Customers.CustomerID;

# Left join

SELECT Customers.CustomerName, Orders.OrderID

FROM Customers

LEFT JOIN Orders ON Customers.CustomerID = Orders.CustomerID

ORDER BY Customers.CustomerName;