Q1.Write a SQL query to find the student name who will receive the 'Consistency Award'.

Consistency award will be given to only those students who have scored more than 90 in both Phy and Che.

Create table Student(Studid number,NAME varchar2(10),Subject varchar2(20),marks number);

insert into student values(1,'A','Phy','90');

insert into student values(1,'A','Che','95');

insert into student values(2,'B','Phy','80');

insert into student values(2,'B','Che','85');

insert into student values(3,'C','Phy','90');

insert into student values(4,'D','Phy','75');

insert into student values(4,'D','Che','90');

Q2.Write a SQL query to find the studname whose marks in Phy is greater than Che.

Create table Student(Studid number,NAME varchar2(10),Subject varchar2(20),marks number);

insert into student values(1,'A','Phy','90');

insert into student values(1,'A','Che','95');

insert into student values(2,'B','Phy','80');

insert into student values(2,'B','Che','85');

insert into student values(3,'C','Phy','90');

insert into student values(4,'D','Phy','95');

insert into student values(4,'D','Che','90');

Q3.Write a SQL query to fetch the details of employee whose salary is least deptwise.

create table dept (dept\_id number,deptname varchar2(10),empname varchar2(10),salary number);

insert into dept values(1,'HR','A',100);

insert into dept values(1,'HR','B',200);

insert into dept values(1,'HR','C',300);

insert into dept values(2,'SALES','D',400);

insert into dept values(2,'SALES','E',500);

insert into dept values(2,'SALES','F',600);

insert into dept values(3,'TECH','G',700);

insert into dept values(3,'TECH','H',800);

insert into dept values(3,'TECH','I',900);

Q4.Write a SQL query to fetch the details of employee whose salary is highest deptwise.

create table dept (dept\_id number,deptname varchar2(10),empname varchar2(10),salary number);

insert into dept values(1,'HR','A',100);

insert into dept values(1,'HR','B',200);

insert into dept values(1,'HR','C',300);

insert into dept values(2,'SALES','D',400);

insert into dept values(2,'SALES','E',500);

insert into dept values(2,'SALES','F',600);

insert into dept values(3,'TECH','G',700);

insert into dept values(3,'TECH','H',800);

insert into dept values(3,'TECH','I',900);

Q5. Write an SQL query to list the student name whose marks have increased in second semester as compared to first semester.

create table student(studid int,studname varchar2(50),semester int,marks int);

insert into student values(1,'A',1,120);

insert into student values(1,'A',2,140);

insert into student values(2,'B',1,120);

insert into student values(2,'B',2,100);

insert into student values(3,'C',1,120);

insert into student values(3,'C',2,120);

Q6. Write an SQL query to find the topper in each subject and semester.

CREATE TABLE STUD(ID NUMBER,NAME VARCHAR2(10),SEMESTER NUMBER,SUBJECT VARCHAR2(10),MARKS NUMBER);

INSERT INTO STUD VALUES(1,'A',1,'PHYSICS',100);

INSERT INTO STUD VALUES(1,'A',2,'PHYSICS',150);

INSERT INTO STUD VALUES(1,'A',3,'PHYSICS',200);

INSERT INTO STUD VALUES(1,'A',4,'PHYSICS',250);

INSERT INTO STUD VALUES(1,'A',1,'CHEMISTRY',50);

INSERT INTO STUD VALUES(1,'A',2,'CHEMISTRY',250);

INSERT INTO STUD VALUES(1,'A',3,'CHEMISTRY',200);

INSERT INTO STUD VALUES(1,'A',4,'CHEMISTRY',350);

INSERT INTO STUD VALUES(2,'B',1,'PHYSICS',150);

INSERT INTO STUD VALUES(2,'B',2,'PHYSICS',250);

INSERT INTO STUD VALUES(2,'B',3,'PHYSICS',100);

INSERT INTO STUD VALUES(2,'B',4,'PHYSICS',200);

INSERT INTO STUD VALUES(2,'B',1,'CHEMISTRY',150);

INSERT INTO STUD VALUES(2,'B',2,'CHEMISTRY',150);

INSERT INTO STUD VALUES(2,'B',3,'CHEMISTRY',250);

INSERT INTO STUD VALUES(2,'B',4,'CHEMISTRY',300);

Q7.Write an SQL query to find the employee who is earning second highest salary.

create table HR(empid number,empname varchar2(50),dept varchar2(50),salary number);

insert into HR values(1,'A','HR',100);

insert into HR values(2,'B','HR',100);

insert into HR values(3,'C','HR',90);

insert into HR values(4,'D','TECH',250);

insert into HR values(5,'E','TECH',200);

insert into HR values(6,'F','TECH',190);

Q8.Write an SQL query to find the employee who is earning second highest salary dept wise.

create table HR(empid number,empname varchar2(50),dept varchar2(50),salary number);

insert into HR values(1,'A','HR',100);

insert into HR values(2,'B','HR',100);

insert into HR values(3,'C','HR',90);

insert into HR values(4,'D','TECH',250);

insert into HR values(5,'E','TECH',200);

insert into HR values(6,'F','TECH',190);

Q9.Write an SQL query to fetch the location where cases has not increased continously.

create table covid(location varchar2(50),days varchar2(10),cases number);

insert into covid values('DELHI','MON',100);

insert into covid values('DELHI','TUE',200);

insert into covid values('DELHI','WED',300);

insert into covid values('MUMBAI','MON',100);

insert into covid values('MUMBAI','TUE',100);

insert into covid values('MUMBAI','WED',300);

insert into covid values('CHENNAI','MON',100);

insert into covid values('CHENNAI','TUE',200);

insert into covid values('CHENNAI','WED',201);