Q1. Write an SQL query to fetch the student details for the below conditions.

All these conditions are sub questions so your query must be seperate for each of the sub questions mentioned below.

a)Those who have scored 90 in Phy

b)Those who have scored 90 in Che

c)Those who have scored 90 in Phy or 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','90');

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 fetch the employee details with empid 1 or 2 or 8 using IN operator.

Create table employee(empid number,empname varchar2(10),Mgrid number);

insert into employee values(1,'A',4);

insert into employee values(2,'B',5);

insert into employee values(3,'C',6);

insert into employee values(4,'D',5);

insert into employee values(5,'E','');

insert into employee values(6,'F','');

Q3.Write a SQL query to fetch distinct

a)empid

b)empname

c)dept

d)empid,empname

e)empname,dept

Create table Dept(Empid number,Empname varchar2(10),Dept varchar2(10));

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

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

insert into dept values(3,'C','SALES');

insert into dept values(4,'D','SALES');

insert into dept values(5,'E','SALES');

insert into dept values(6,'F',NULL);

insert into dept values(7,'G',NULL);

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

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

insert into dept values(3,'C','SALES');

Q4. Write a SQL query to fetch the records where

a>ID is null

b>NAME is null

c>ID is not null

d>NAME is not null

e>ID and NAME both are null

f>Either ID is null or NAME is null.

g>total count of null records in ID column.

h>total count of null records in NAME column.

i>total count of records were ID and NAME both are null.

j>display the distinct IDs

k>display the distinct NAME

CREATE TABLE STUD1(ID NUMBER,NAME VARCHAR2(10));

INSERT INTO STUD1 VALUES(NULL,'A');

INSERT INTO STUD1 VALUES(1,NULL);

INSERT INTO STUD1 VALUES(NULL,NULL);

Q5. Write an SQL query to fetch the records which have atleast one yellow present in any of the columns(c1,c2 or c3)

create table practice(id int,c1 varchar(50),c2 varchar(50),c3 varchar(50));

insert into practice values(1,'red','yellow','blue');

insert into practice values(2,null,'red','green');

insert into practice values(3,'yellow',null,'violet');

Q6.Write a SQL query to fetch the records where salary is NULL and is from SALES DEPT.

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(1,'HR','X',NULL);

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(2,'SALES','Y',NULL);

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

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

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

insert into dept values(3,'TECH','Z',NULL);

O/P:

id c1 c2 c3

1 red yellow blue

3 yellow null violet

Q7.Write a SQL query to fetch the records

a)Employees who are working in HR dept

b)Employees who are working in HR or SALES dept

c)Employees who are working in Tech Dept and earning salary 900

create table dept (dept\_id int,deptname varchar(10),empname varchar(10),salary int);

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(1,'HR','X',NULL);

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(2,'SALES','Y',NULL);

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

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

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

insert into dept values(3,'TECH','Z',NULL);

Q8.Write a SQL query to fetch the employee details whose name is 'A' OR empid is 2.

Create table employee(empid number,empname varchar2(10),Mgrid number);

insert into employee values(1,'A',4);

insert into employee values(2,'B',5);

insert into employee values(3,'C',6);

insert into employee values(4,'D',5);

insert into employee values(5,'E','');

insert into employee values(6,'F','');

Q9.Write an SQL query to fetch those employee names whose salary is 600 and is either from 'HR' or 'TECH' dept.

create table emp(id number,name varchar2(10),dept varchar2(10),salary number);

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

insert into emp values(2,'B','HR',600);

insert into emp values(3,'C','HR',600);

insert into emp values(4,'D','HR',500);

insert into emp values(5,'H','TECH',300);

insert into emp values(6,'E','TECH',200);

insert into emp values(7,'F','TECH',600);

insert into emp values(8,'G','TECH',600);

insert into emp values(9,'H','SALES',300);

insert into emp values(10,'I','SALES',400);

insert into emp values(11,'J','SALES',600);

insert into emp values(12,'K','SALES',600);

Q10.Write a SQL query to fetch the student details who have scored 90 in 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');

Q11. Write a SQL query to fetch the employee details with empid 1 or 2 or 8.

Create table employee(empid number,empname varchar2(10),Mgrid number);

insert into employee values(1,'A',4);

insert into employee values(2,'B',5);

insert into employee values(3,'C',6);

insert into employee values(4,'D',5);

insert into employee values(5,'E',null);

insert into employee values(6,'F',null);

Q12.Write a SQL query to fetch the employee details whose name is 'A' OR empid is 2.

Create table employee(empid number,empname varchar2(10),Mgrid number);

insert into employee values(1,'A',4);

insert into employee values(2,'B',5);

insert into employee values(3,'C',6);

insert into employee values(4,'D',5);

insert into employee values(5,'E','');

insert into employee values(6,'F','');

Q13.Write a SQL query to fetch the employee details who are working under mgrid= 5;

Create table employee(empid number,empname varchar2(10),Mgrid number);

insert into employee values(1,'A',4);

insert into employee values(2,'B',5);

insert into employee values(3,'C',6);

insert into employee values(4,'D',5);

insert into employee values(5,'E','');

insert into employee values(6,'F','');

Q14.Write a Query to fetch the empname whose salary is Rs.100

Create table employee(empid number,empname varchar2(10),salary number);

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

insert into employee values(2,'B',200);

insert into employee values(3,'C',100);

insert into employee values(4,'D',300);

insert into employee values(5,'E',100);

insert into employee values(6,'F',400);