Q1.Fetch the number of employees working in different dept

create table emp(id number,name varchar2(50),designation varchar2(50),salary number);

insert into emp values(1,'Aman','HOD',400);

insert into emp values(2,'Rajesh','HOD',500);

insert into emp values(7,'Rakesh','HOD',700);

insert into emp values(3,'Karan','Professor',800);

insert into emp values(4,'Henry','Professor',300);

insert into emp values(5,'Kunal','Instructor',400);

insert into emp values(6,'Yusuf','Instructor',200);

Q2.Fetch the number of employees earning salary greater than 500

create table emp(id number,name varchar2(50),designation varchar2(50),salary number);

insert into emp values(1,'Aman','HOD',400);

insert into emp values(2,'Rajesh','HOD',500);

insert into emp values(7,'Rakesh','HOD',700);

insert into emp values(3,'Karan','Professor',800);

insert into emp values(4,'Henry','Professor',300);

insert into emp values(5,'Kunal','Instructor',400);

insert into emp values(6,'Yusuf','Instructor',200);

Q3.Explain the output of count(\*),count(mgrid),count('mgrid'),count(empid) and count(empname).

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);

Q4.Write an SQL query to find if NULL record exists in mgrid column.

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);

Q5.Write an sql query to find the total number of investment done by each investor.

create table investor1(investorname varchar2(40),sector varchar2(50));

insert into investor1 values ('Ashneer','Food and Beverages');

insert into investor1 values ('Anupam','Automobile');

insert into investor1 values ('Piyush','Tech');

insert into investor1 values ('Namita','Food and Beverages');

insert into investor1 values ('Aman','Food and Beverages');

insert into investor1 values ('Namita','Automobile');

insert into investor1 values ('Piyush','Energy and Utility');

insert into investor1 values ('Vineeta','Food and Beverages');

Q6.Write a SQL query to fetch department wise count of employees.

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);

Q7.Write a SQL query to find the total number of students gender wise.

create table stud(studid number,studname varchar2(20),Gender varchar2(5));

insert into stud values(1,'Bilal','M');

insert into stud values(2,'Suresh','M');

insert into stud values(3,'Aman','M');

insert into stud values(4,'Swati','F');

insert into stud values(5,'Saurabh','M');

insert into stud values(6,'Abdul','M');

insert into stud values(7,'Ankit','M');

insert into stud values(8,'Shruti','F');

insert into stud values(9,'Ahmed','M');

insert into stud values(10,'Anup','M');

insert into stud values(11,'Rakesh','M');

insert into stud values(12,'Neha','F');

insert into stud values(13,'Suresh','M');

insert into stud values(14,'Mukesh','M');

insert into stud values(15,'Majid','M');

insert into stud values(16,'Priyanka','F');

Q8. Write an SQL query to fetch the number of students Passed or Failed.

Create table student(id number,name varchar2(10),subject varchar2(10),result varchar2(10));

insert into student values(1,'A','Maths','Pass');

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

insert into student values(1,'A','Chem','Fail');

insert into student values(1,'A','Chem','Fail');

insert into student values(2,'B','Maths','Pass');

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

insert into student values(2,'B','Chem','Fail');

insert into student values(3,'C','Maths','Pass');

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

insert into student values(3,'C','Chem','Fail');

Q9.Write a query to display

a)the total count of records,

b)total count of records with subject as Maths,

c)total count of records with subject as Phy,

d)total count of records with subject as Chem,

e)total count of records with result as Pass,

f)total count of records with result as Fail

Create table student(id number,name varchar2(10),subject varchar2(10),result varchar2(10));

insert into student values(1,'A','Maths','Pass');

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

insert into student values(1,'A','Chem','Fail');

insert into student values(1,'A','Chem','Fail');

insert into student values(2,'B','Maths','Pass');

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

insert into student values(2,'B','Chem','Fail');

insert into student values(3,'C','Maths','Pass');

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

insert into student values(3,'C','Chem','Fail');

Q10.Write an SQL query to find the total number of students

a)who has scored marks greater than equal to 80

b)who has scored less than equal to 90

c)who has scored marks greater than 50 but less than 95

d)who has scored marks greater than equal to 50 and less than equal to 95

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');

insert into student values(5,'E','Che','95');