1.
a.create table employees(emp_id integer primary key,first_name varchar2(20),last_name varchar2(20),salary float,joining_date getdate(),department varchar2(10));

b.create table variables(emp_ref_id integer,variables_date getdate(),variables_amout integer,foreign key(emp_ref_id) references employees(emp_id));

b.create table designation(emp_ref_id integer,emp_title varchar2(20),affected_form getdate(),foreign key(emp_ref_id) references employees(emp_id));

2.
Four joins are:
1.Inner join
2.Cross Join
3.Left join
4.Right join
a.select first_name,last_name,department from employees inner join variables on employees.emp_id =(select emp_ref_id from variables where emp_ref_id in(select max(variables_amount),min(variables_amount) from variables));

C.If we use the cross join to combine two different tables, then we will get the Cartesian product of the sets of rows from the joined table. When each row of the first table is combined with each row from the second table, it is known as Cartesian join or cross join.

select * from employees cross join designation;

D.These SQL Clauses support in many ways for MySQL database access and data extraction by applying any filter which describes the conditions and if the conditions qualify for satisfying it then we get the particular result rows.

The ORDER BY command is used to sort the result set in ascending or descending order.

The ORDER BY command sorts the result set in ascending order by default. To sort the records in descending order, use the DESC keyword.