1. create table employee\_tbl(emp\_id int AUTO\_INCREMENT,emp\_name varchar(15),join\_date date,gender varchar(1), PRIMARY KEY(emp\_id));

1. create table department\_tbl(dept\_id int AUTO\_INCREMENT,dept\_name varchar(15),PRIMARY KEY(dept\_id));
2. create table employee\_dept\_tbl(emp\_dept\_id int AUTO\_INCREMENT,emp\_id int,dept\_id int,PRIMARY KEY(emp\_dept\_id),FOREIGN KEY(emp\_id) references employee\_tbl(emp\_id),FOREIGN KEY(dept\_id) references department\_tbl(dept\_id));
3. create table address\_tbl(address\_id int AUTO\_INCREMENT,address varchar(30), emp\_id int,PRIMARY KEY(address\_id),FOREIGN KEY(emp\_id) references employee\_tbl(emp\_id));
4. create table phone\_tbl(phone\_id int AUTO\_INCREMENT,phone varchar(10),emp\_id int,PRIMARY KEY(phone\_id),FOREIGN KEY(emp\_id) references employee\_tbl(emp\_id));
5. create table payroll\_tbl(payroll\_id int AUTO\_INCREMENT, basic\_pay double, deduction double,taxable\_pay double,tax double,net\_pay double,emp\_id int,Primary Key(payroll\_id),Foreign Key(emp\_id) references employee\_tbl(emp\_id),UNIQUE KEY(emp\_id));
6. insert into employee\_tbl(emp\_name, join\_date, gender)values ('Terisa', '2019-11-13','F'),('Charlie','2020-05-21','M'),('Bill','2018-01-03','M'),('Mark','2018-01-03','M');
7. insert into department\_tbl (dept\_name)values ('Sales'),('Marketing'),('Development'), ('HR'),('Account');
8. insert into employee\_dept\_tbl (emp\_id, dept\_id)values (1, 1),(1, 2),(2,3),(3,4),(4,5);
9. insert into payroll\_tbl (basic\_pay, deduction, taxable\_pay, tax, net\_pay,emp\_id) values (3000000, 300000, 2700000, 540000, 2160000,2),(3000000, 300000, 2700000, 540000, 2160000,1),(1000000, 100000, 900000, 180000, 720000,3),(1000000, 100000, 900000, 180000, 720000,4);
10. select \* from employee\_tbl e, department\_tbl d, employee\_dept\_tbl ed where e.emp\_id = ed.emp\_id and d.dept\_id = ed.dept\_id;
11. select e.emp\_id,emp\_name,d.dept\_id, dept\_name from employee\_tbl e, department\_tbl d, employee\_dept\_tbl ed where e.emp\_id = ed.emp\_id and d.dept\_id = ed.dept\_id;
12. select \* from employee\_tbl e, payroll\_tbl p where e.emp\_id = p.emp\_id;
13. select e.emp\_id, emp\_name, net\_pay from employee\_tbl e, payroll\_tbl p where e.emp\_id = p.emp\_id;
14. select gender,SUM(net\_pay) from employee\_tbl e, payroll\_tbl p where e.emp\_id = p.emp\_id

group by gender;