```
2. Create table given below
```

```
CREATE DATABASE addrees
```

```
CREATE TABLE users
```

(

Frist_Name varchar(255),

Last_Name varchar(255),

Address varchar(255),

city varchar(255),

age int

);

INSERT INTO users (Frist_Name,Last_Name,Address,city,age) VALUES("Mickey","Mouse","123 Fantasy Way","Anaheim",73),("Bat","Man","321 Cavern Ave","Gotham",54),("Wonder","Woman","987 Truth Way","Paradise",39),("Donald","Duck","555 Quack Street","Mallard",65),("Bugs","Bunny","567 Carrot Street","Rascal",58),("Wiley","Coyte","999 Acme Way","Canyon",61),("Cat","Woman","234 Purrfect Street","Hairball",32),("Tweety","Bird","543","Itotltaw",28)

Frist_Name 🔺 1	Last_Name	Address	city	age
Bat	Man	321 Cavern Ave	Gotham	43
Bugs	Bunny	567 Carrot	Rascal	58
Cat	Woman	234 Purrfect	Hairball	32
Donald	Duck	555 Quack Street	Mallard	65
Mickey	Mouse	123 Fantasy	Anaheim	73
Tweety	Bird	543	Itotltaw	28
Wiley	Coyote	999 Acme way	canyon	61
Wonder	Woman	987 Truth Way	Paradise	39

3. Create table given below: Employee and Incentive

```
create TABLE employee
```

(

Employee_id int PRIMARY KEY AUTO_INCREMENT,

frist_name varchar(50),

Last_name varchar(50),

Salary int,

Join_date TIMESTAMP DEFAULT CURRENT_TIMESTAMP,

Department varchar(50)

```
INSERT into employee(first_name,Last_name,Salary,Department)
VALUES("JOHN","ABRAHAM",1000000,"BANKING"),

("MICHAEL","CLERK",80000,"INSURANCE"),

("ROY","THOMAS",70000,"BANKING"),

("TOP","JONES",60000,"INSURANCE"),

("JERRY","PINTO",65000,"INSURANCE"),

("PHILIP","MATHEW",75000,"SERVICE")
```

)

←T	→		∇	Employee_id	first_name	Last_name	Salary	Join_date	Department
		≩ Copy	Delete	1	JOHN	ABRAHAM	1000000	2023-10-06 23:34:54	BANKING
		≩ Copy	Delete	2	MICHAEL	CLERK	80000	2023-10-06 23:34:54	INSURANCE
		≩ Copy	Delete	3	ROY	THOMAS	70000	2023-10-06 23:34:54	BANKING
		≩ € Copy	Delete	4	TOP	JONES	60000	2023-10-06 23:34:54	INSURANCE
		≩ € Copy	Delete	5	JERRY	PINTO	65000	2023-10-06 23:34:54	INSURANCE
		≩ Copy	Delete	6	PHILIP	MATHEW	75000	2023-10-06 23:34:54	SERVICE

```
create TABLE incintiv(

IN_id int PRIMARY key AUTO_INCREMENT,

EM_REF_id int,

FOREIGN KEY(EM_REF_id) REFERENCES employee(Employee_id),

incentiv_date TIMESTAMP DEFAULT CURRENT_TIMESTAMP,

incentiv_AMT int

)

INSERT into incintiv(incentiv_AMT) VALUES(5000),(3000),(4000),(4500),(3500)
```

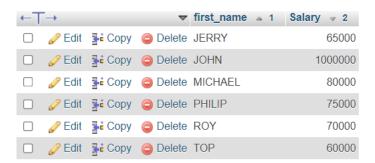
←T	\rightarrow		∇	IN_id	EM_REF_id	incentiv_date	incentiv_AMT
	<i>P</i> Edit	≩ Copy	Delete	1	1	2023-10-06 23:38:41	5000
	Edit	≩ Copy	Delete	2	2	2023-10-06 23:38:41	3000
	<i>@</i> Edit	≩ Сору	Delete	3	3	2023-10-06 23:38:41	4000
	Edit	≩ Сору	Delete	4	1	2023-10-06 23:38:41	4500
	🥜 Edit	≩ Copy	Delete	5	2	2023-10-06 23:38:41	3500

a) Get First_Name from employee table using Tom name "Employee Name"

(A) answer = SELECT first_name as employee_name FROM employee

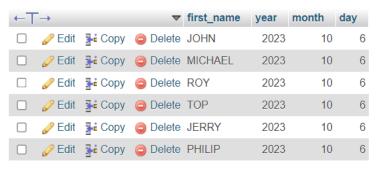


b) Get FIRST_NAME, Joining Date, and Salary from employee table.



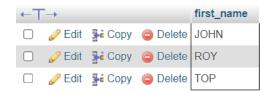
c) Get all employee details from the employee table order by First_Name Ascending and Salary descending?

SELECT first_name, Salary FROM employee ORDER BY first_nameASC, Salary DESC;



d) Get employee details from employee table whose first name contains 'J'.

SELECT first name FROM employee WHERE first name LIKE "%o%"



e) Get department wise maximum salary from employee table order by salary ascending?

SELECT * from employee WHERE MONTH(join_date) = 10;

←Ţ	→		\neg	Employee_id	first_name	Last_name	Salary	Join_date	Department
		3 € Copy	Delete	1	JOHN	ABRAHAM	1000000	2023-10-06 23:34:54	BANKING
		≩ Copy	Delete	2	MICHAEL	CLERK	80000	2023-10-06 23:34:54	INSURANCE
		≩ Copy	Delete	3	ROY	THOMAS	70000	2023-10-06 23:34:54	BANKING
		≩ Copy	Delete	4	TOP	JONES	60000	2023-10-06 23:34:54	INSURANCE
		≩ Copy	Delete	5	JERRY	PINTO	65000	2023-10-06 23:34:54	INSURANCE
		≩ Copy	Delete	6	PHILIP	MATHEW	75000	2023-10-06 23:34:54	SERVICE

f) Select first_name, incentive amount from employee and incentives table for those employees who have incentives and incentive amount greater than 3000

SELECT Department , sum(Salary) FROM employee GROUP BY department ORDER BY Salary DESC;



g) Create After Insert trigger on Employee table which insert records in view table

SELECT Department , MAX(Salary) FROM employee GROUP BY Department ORDER BY Salary ASC;



4. Create table given below: Salesperson and Customer

- Salesperson

```
CREATE TABLE SALES_PERSON(
```

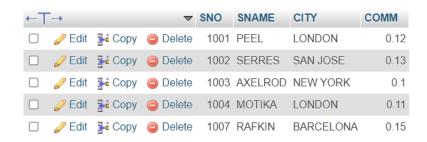
SNO int PRIMARY key AUTO_INCREMENT,

SNAME varchar(50),

CITY varchar(50),

COMM float

);



INSERT INTO `sales_person` (`SNO`, `SNAME`, `CITY`, `COMM`) VALUES ('1001', 'PEEL', 'LONDON', '0.12');

INSERT INTO `sales_person` (`SNO`, `SNAME`, `CITY`, `COMM`) VALUES ('1002', 'SERRES','SAN JOSE', '0.13');

INSERT INTO `sales_person` (`SNO`, `SNAME`, `CITY`, `COMM`) VALUES ('1003', 'AXELROD', 'NEW YORK', '0.1');

INSERT INTO `sales_person` (`SNO`, `SNAME`, `CITY`, `COMM`) VALUES ('1004', 'MOTIKA', 'LONDON', '0.11');

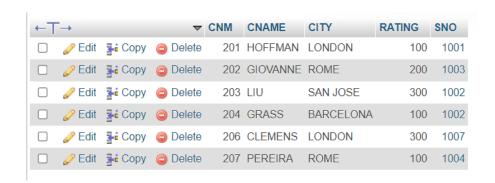
INSERT INTO `sales_person` (`SNO`, `SNAME`, `CITY`, `COMM`) VALUES ('1007', 'RAFKIN', 'BARCELONA', '0.15');

CUSTOMER

```
CREATE TABLE CUSTOMER(
    CNM int PRIMARY key AUTO_INCREMENT,
    CNAME varchar(50),
    CITY varchar(50),
    RATING int,
    SNO int,
    FOREIGN KEY(SNO) REFERENCES SALES_PERSON (SNO)
)
```

INSERT INTO customer(CNM,CNAME,CITY,RATIN)

VALUES(201,"HOFFMAN","LONDON",100),(202,"GIOVANNE","ROME",200),(203,"LIU","SAN JOSE",300),(204,"GRASS","BARCELONA",100),(206,"CLEMENS","LONDON",300),(207,"PEREIRA","RO ME","100")



1. Create Table Name: Student and Exam

```
CREATE DATABASE school
CREATE TABLE student
(
```

Roll_number int PRIMARY KEY AUTO_INCREMENT,

name varchar(255),

branch varchar(255)

);

INSERT INTO student(name, branch)VALUES("jay", "computer science"), ("Suhani", "Electronic and com"), ("kriti", "Electronic and com")

