create TABLE employ(

EM\_id int PRIMARY KEY AUTO\_INCREMENT,

FM varchar(50),

LM varchar(50),

Salary int,

join\_date TIMESTAMP DEFAULT CURRENT\_TIMESTAMP,

department varchar(50)

)

INSERT into employe(FM,LM,Salary,department) VALUES("JOHN","ABRAHAM",1000000,"BANKING"),

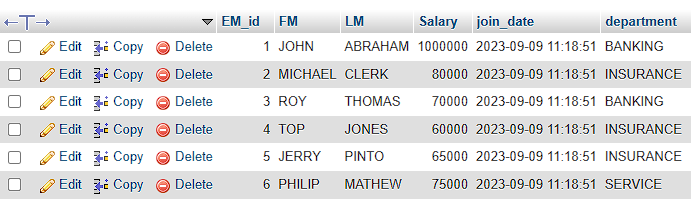
("MICHAEL","CLERK",80000,"INSURANCE"),

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

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

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

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



create TABLE incintiv(

IN\_id int PRIMARY key AUTO\_INCREMENT,

EM\_REF\_id int,

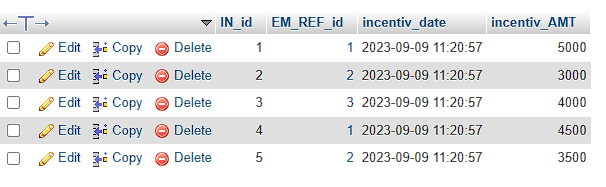
FOREIGN KEY(EM\_REF\_id) REFERENCES employ(EM\_id),

incentiv\_date TIMESTAMP DEFAULT CURRENT\_TIMESTAMP,

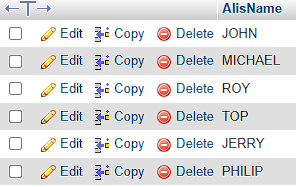
incentiv\_AMT int

)

INSERT into incintiv(incentiv\_AMT) VALUES(5000),(3000),(4000),(4500),(3500)



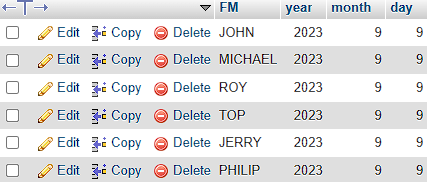
( A ) answer = SELECT FM as AlisName FROM employe



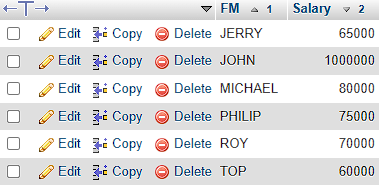
( B ) answer = SELECT FM, EXTRACT(YEAR FROM join\_date) AS year,

EXTRACT(MONTH FROM join\_date) AS month,

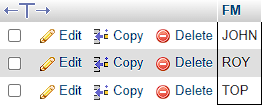
EXTRACT(day FROM join\_date) AS day FROM employe



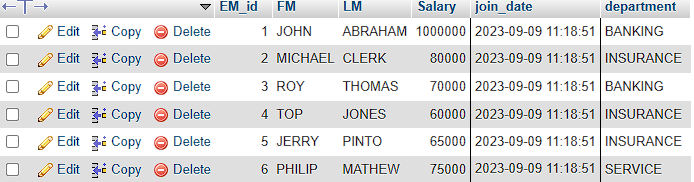
( C ) answer = SELECT FM,Salary FROM employe ORDER BY FM ASC, Salary DESC;



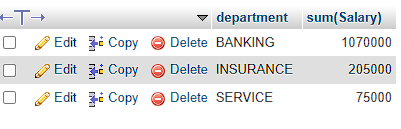
( D ) answer = SELECT FM FROM employe WHERE FM LIKE "%o%"



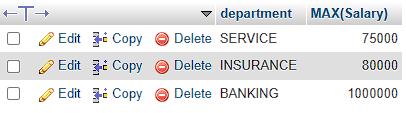
( E ) answer = SELECT \* from employe WHERE MONTH(join\_date) = 9;



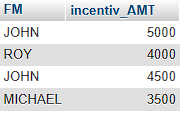
( F ) answer = SELECT department , sum(Salary) FROM employe GROUP BY department ORDER BY Salary DESC;



( G ) answer = SELECT department , MAX(Salary) FROM employe GROUP BY department ORDER BY Salary ASC;

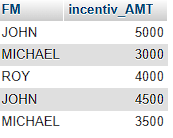


( H ) answer = SELECT FM,incentiv\_AMT from employe A inner JOIN incintiv B on A.EM\_id = B.EM\_REF\_id and incentiv\_AMT > 3000 ;

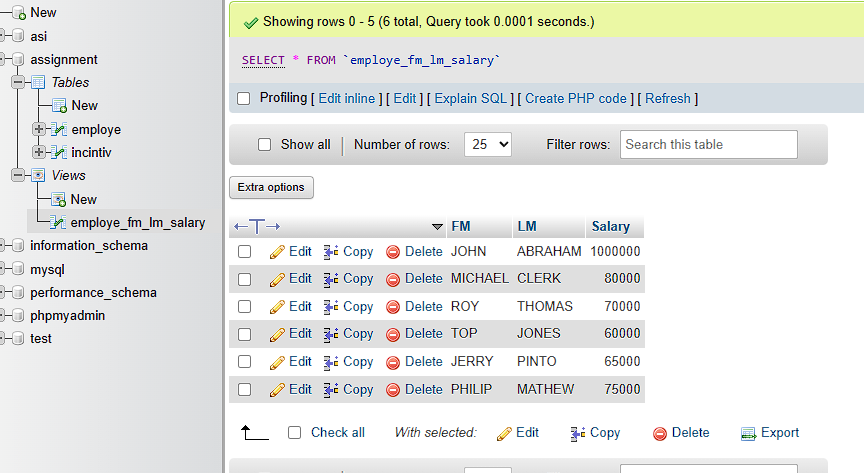


( I ) answer = SELECT \* FROM employe order by salary desc limit 1,1;

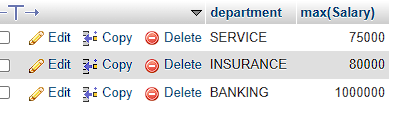
( J ) answer = SELECT FM,incentiv\_AMT FROM incintiv A left JOIN employe B on A.EM\_REF\_id=B.EM\_id and incentiv\_AMT



( K ) answer = CREATE VIEW employe\_Fm\_LM\_salary AS SELECT FM,LM,Salary FROM employe;



( L ) answer = SELECT department , max(Salary) FROM employe GROUP BY department ORDER BY Salary;



( M ) answer =

CREATE TABLE SALES\_PERSON(

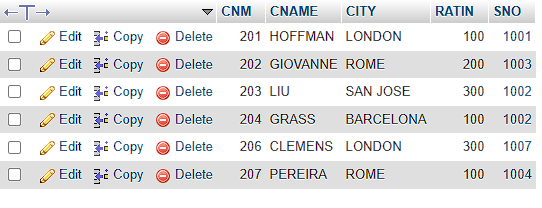
SNO int PRIMARY key AUTO\_INCREMENT,

SNAME varchar(50),

CITY varchar(50),

COMM float

);



CREATE TABLE CUSTOMER(

CNM int PRIMARY key AUTO\_INCREMENT,

CNAME varchar(50),

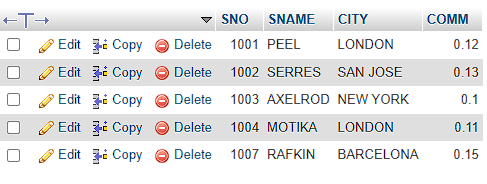
CITY varchar(50),

RATIN int,

SNO int,

FOREIGN KEY(SNO) REFERENCES SALES\_PERSON (SNO)

)



create TABLE CustomerOrder(

ONM int PRIMARY key AUTO\_INCREMENT,

AMT float ,

ODE TIMESTAMP DEFAULT CURRENT\_TIMESTAMP,

CNM int,

SNO int,

FOREIGN KEY (CNM) REFERENCES customer (CNM),

FOREIGN KEY (SNO) REFERENCES SALES\_PERSON (SNO)

)

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

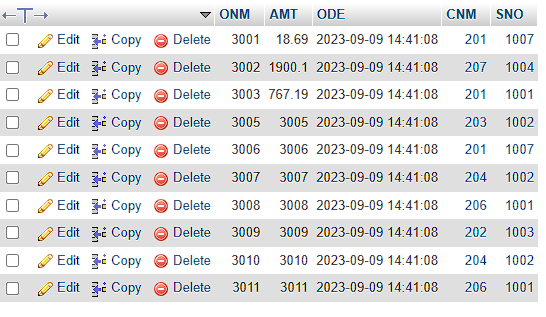
INSERT INTO `sales\_person` (`SNO`, `SNAME`, `CITY`, `COMM`) VALUES ('1002', 'SERRES','SAN JOSE', '0.13');

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');

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","ROME","100")

UPDATE `customer` SET `SNO` = '1001' WHERE `customer`.`CNM` = 201;

UPDATE `customer` SET `SNO` = '1003' WHERE `customer`.`CNM` = 202;

UPDATE `customer` SET `SNO` = '1002' WHERE `customer`.`CNM` = 203;

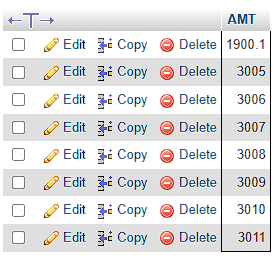
UPDATE `customer` SET `SNO` = '1002' WHERE `customer`.`CNM` = 204;

UPDATE `customer` SET `SNO` = '1007' WHERE `customer`.`CNM` = 206;

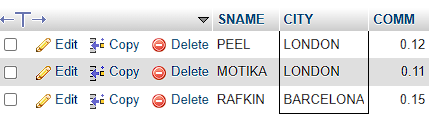
UPDATE `customer` SET `SNO` = '1004' WHERE `customer`.`CNM` = 207;

INSERT INTO customerorder(AMT) VALUES(18.69),(1900.1),(767.19),(3005),(3006),(3007),(3008),(3009),(3010),(3011)

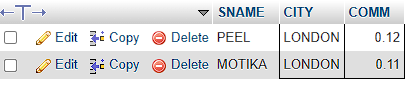
( A ) Answer = SELECT AMT from customerorder WHERE AMT > 1000;



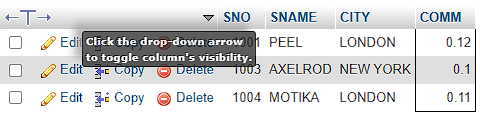
( B ) Answer = SELECT SNAME, CITY,COMM FROM sales\_person WHERE CITY = "LONDON" and COMM > 0.10;



( C ) Answer = SELECT SNAME, CITY,COMM FROM sales\_person WHERE CITY = "BARCELONA" OR CITY = "LONDON";



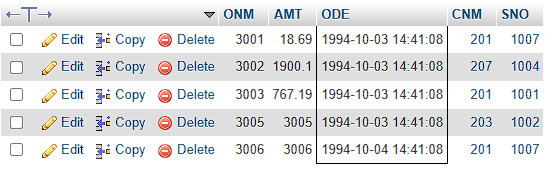
( D ) Answer = SELECT \* FROM sales\_person WHERE COMM > 0.10 and COMM < 0.12;



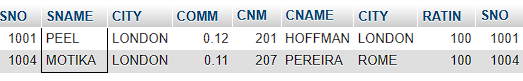
( E ) Answer = SELECT \* FROM customer WHERE CITY IS NULL;



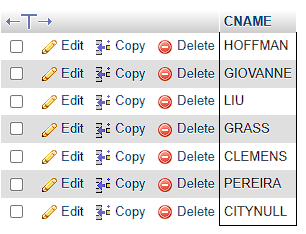
( F ) Answer = SELECT \* FROM customerorder WHERE DATE(ODE) BETWEEN "1994-10-03" and "1994-10-04"



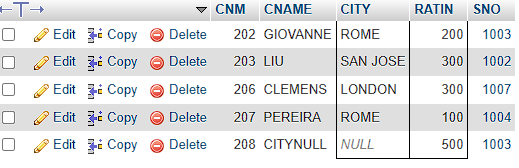
( G ) Answer = SELECT \* from sales\_person A right join customer B on A.SNO = B.SNO WHERE SNAME = "PEEL" OR SNAME = "MOTIKA"



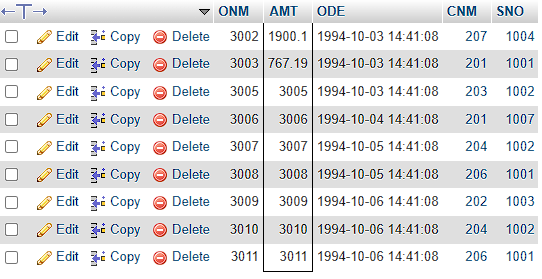
( H ) Answer = SELECT CNAME from customer where CNAME BETWEEN "A%" and "Z%"



( I ) Answer = SELECT \* FROM customer WHERE RATIN > 100 OR CITY = "ROME"



( J ) Answer = SELECT \* from customerorder WHERE AMT > 0 and AMT IS NOT NULL;



( K ) Answer = SELECT COUNT(DISTINCT SNAME) FROM sales\_person;

