

1.create table Employee_jahangir(

Employee_id int,

First_name varchar(50),

Last_name varchar(50),

Salary varchar(50),

Joining_date varchar(50),

Department varchar(50),

Manager_id varchar(50)

)

INSERT INTO Employee_jahangir VALUES(3,'roy','thomas',7000000,'01-FEB-13','Banking',1)

INSERT INTO Employee_jahangir VALUES(4,'Tom','Jose',6000000,'01-FEB-13','Insurance',1)

INSERT INTO Employee_jahangir VALUES(5,'Jerry','Pinto',6500000,'01-FEB-13','Insurance',1)

INSERT INTO Employee_jahangir VALUES(6,'Philip','Mathew',7500000,'01-JAN-13','Services',5)

INSERT INTO Employee_jahangir VALUES(7,'TestName1',123,6500000,'01-JAN-13','Services',5)

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INSERT INTO Employee_jahangir  
VALUES(8,'TestName2','Lname%',6000000,'01-FEB-13','Isurance',5)
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2 create table Incentives (  
    Employee_ref_id int ,  
    Incentive_date varchar(50),  
    Incentive_amount varchar(50)  
);
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insert into Incentives VALUES (1,'01-FEB-13',5000);  
insert into Incentives VALUES (2,'01-FEB-13',3000);  
insert into Incentives VALUES (3,'01-FEB-13',4000)  
insert into Incentives VALUES (1,'01-JAN-13',4500)  
insert into Incentives VALUES (2,'01-JAN-13',3500)
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Q1: Get all employee details from the employee table.

Answer: SELECT * FROM Employee_jahangir

Q2: Get all employee first names from A to Z

Answer: SELECT First_name FROM Employee_jahangir

Q3: Get First Name from employee table in upper case

Answer: UPDATE Employee_jahangir SET

First_name= UPPER(First_name);

Q4: Get unique DEPARTMENT from employee table

Answer: SELECT Department FROM Employee_jahangir

UNION SELECT Department FROM Employee_jahangir

Q6: Get employee details from employee table whose employee name is "John"

Answer: SELECT * from Employee_jahangir where Employee_id=1

Q7: Get employee details from employee table whose first name contains 'o'

Answer: select * from Employee_jahangir WHERE First_name LIKE '%o%'

Q8: Get employee details from employee table whose Salary less than 800000

Answer: SELECT * FROM Employee_jahangir where Salary < 8000000;

Q10: Find first_name, incentive amount from employee and incentives table for all employees even if they didn't get incentives

Answer: SELECT Employee_jahangir.First_name,
Incentives.Incentive_Amount

FROM Employee_jahangir LEFT JOIN Incentives

ON Employee_jahangir.Employee_id = Incentives.Employee_ref_id;

Q11: Find first_name, incentive amount from employee and incentives table for all employees who got incentives.

Answer: select
Employee_jahangir.First_name,Incentives.Incentive_amount from
Employee_jahangir inner join Incentives on
Employee_jahangir.Employee_id=Incentives.Employee_ref_id

Q12: What is the difference between UNION and UNION ALL?

Answer : union : UNION is used to match the result of two or more statements.

Union all : selects only different values.

Q13. Find find all employees manager name.

Answer: SELECT E.First_name AS Employee, M.First_name AS Manager
FROM Employee_jahangir AS E LEFT JOIN Employee_jahangir AS M
ON E.Manager_id = M.Employee_id