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Date:- 09 March, 2022

DE Lab Assignment 04

Q1. Retrieve the list of E_NAME and S_NAME with distinct and without distinct.

Program:-

```
USE MASTER
CREATE TABLE EMPLOYEE_TABLE
(EMP_ID INT,EMP_NAME varchar(10), EMP_ADD char(15))
INSERT INTO EMPLOYEE_TABLE VALUES (101,'Rakesh','KOLKATA')

INSERT INTO EMPLOYEE_TABLE VALUES (102,'Rajesh','DELHI')

INSERT INTO EMPLOYEE_TABLE VALUES (103,'Mahesh','MUMBAI')

INSERT INTO EMPLOYEE_TABLE VALUES (104,'Rajeev' ,'DELHI')

INSERT INTO EMPLOYEE_TABLE VALUES (105,'Prithivi','BENGALORE')

CREATE TABLE STUDENT_TABLE
(S_ID int,S_NAME varchar(50),S_ADD varchar(50));
INSERT INTO STUDENT_TABLE VALUES(101, 'Ram', 'DELHI');
INSERT INTO STUDENT_TABLE VALUES(102, 'Sham', 'KOLKATA');
INSERT INTO STUDENT_TABLE VALUES(103, 'Mukesh', 'MUMBAI');
INSERT INTO STUDENT_TABLE VALUES(104, 'Rohit', 'NAGPUR');
INSERT INTO STUDENT_TABLE VALUES(105, 'Partha', 'BANGALORE');

SELECT EMP_Name FROM EMPLOYEE_TABLE UNION SELECT S_NAME FROM STUDENT_TABLE;


SELECT EMP_Name FROM EMPLOYEE_TABLE UNION ALL SELECT S_NAME FROM STUDENT_TABLE;
```

Output:-

SQLQuery1.sql - UN...known Hector (58))*

```
INSERT INTO EMPLOYEE_TABLE VALUES (103,'Mahesh','MUMBAI')

INSERT INTO EMPLOYEE_TABLE VALUES (104,'Rajeev' ,'DELHI')

INSERT INTO EMPLOYEE_TABLE VALUES (105,'Prithivi','BENGALORE')

CREATE TABLE STUDENT_TABLE
(S_ID int,S_NAME varchar(50),S_ADD varchar(50));
INSERT INTO STUDENT_TABLE VALUES(101, 'Ram', 'DELHI');
INSERT INTO STUDENT_TABLE VALUES(102, 'Sham', 'KOLKATA');
INSERT INTO STUDENT_TABLE VALUES(103, 'Mukesh', 'MUMBAI');
INSERT INTO STUDENT_TABLE VALUES(104, 'Rohit', 'NAGPUR');
INSERT INTO STUDENT_TABLE VALUES(105, 'Partha', 'BANGALORE');

SELECT EMP_Name FROM EMPLOYEE_TABLE UNION SELECT S_NAME FROM STUDENT_TABLE;
```

121 %

Results | Messages

	EMP_Name
1	Mahesh
2	Mukesh
3	Partha
4	Prithivi
5	Rajeev
6	Rajesh
7	Rakesh
8	Ram
9	Rohit
10	Sham

SQLQuery1.sql - UN...known Hector (58))*

```
(S_ID int,S_NAME varchar(50),S_ADD varchar(50));
INSERT INTO STUDENT_TABLE VALUES(101, 'Ram', 'DELHI');
INSERT INTO STUDENT_TABLE VALUES(102, 'Sham', 'KOLKATA');
INSERT INTO STUDENT_TABLE VALUES(103, 'Mukesh', 'MUMBAI');
INSERT INTO STUDENT_TABLE VALUES(104, 'Rohit', 'NAGPUR');
INSERT INTO STUDENT_TABLE VALUES(105, 'Partha', 'BANGALORE');

SELECT EMP_Name FROM EMPLOYEE_TABLE UNION SELECT S_NAME FROM STUDENT_TABLE;

SELECT EMP_Name FROM EMPLOYEE_TABLE UNION ALL SELECT S_NAME FROM STUDENT_TABLE;
```

121 %

Results | Messages

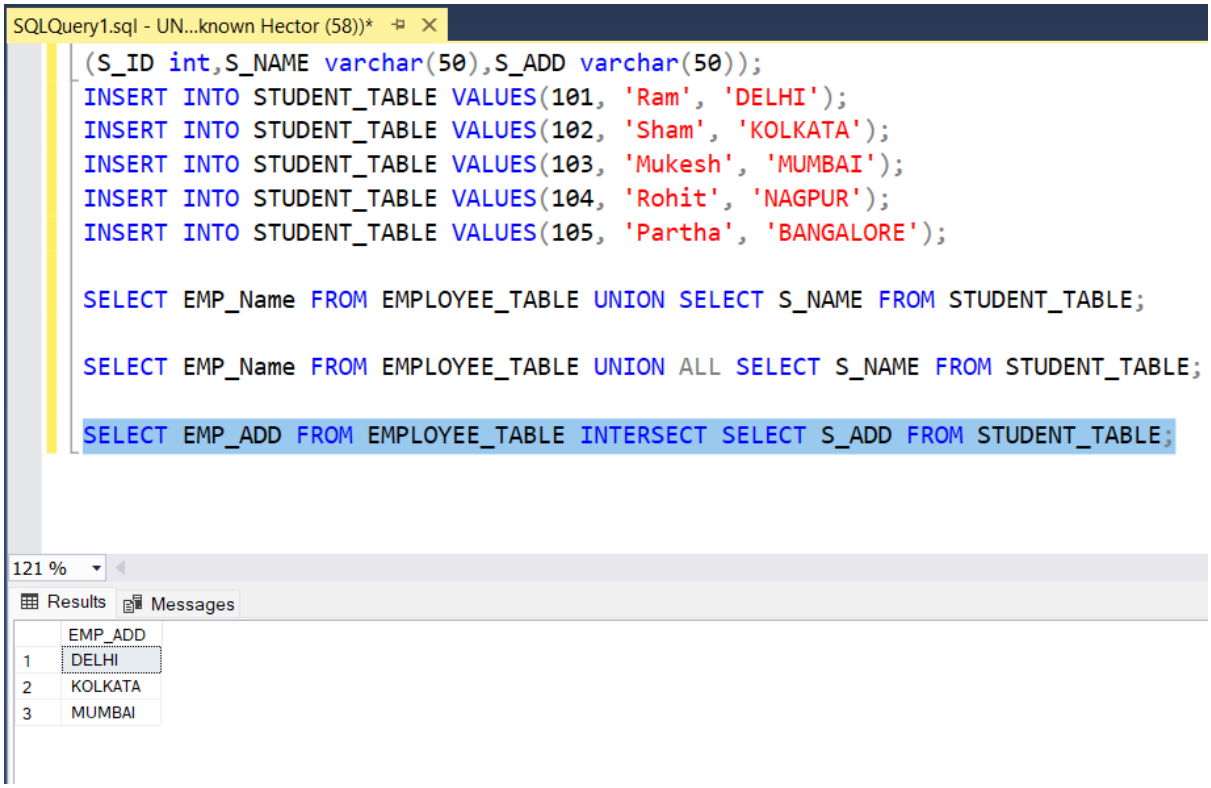
	EMP_Name
1	Rakesh
2	Rajesh
3	Mahesh
4	Rajeev
5	Prithivi
6	Ram
7	Sham
8	Mukesh
9	Rohit
10	Partha

Q2.Retrieve the list of city which are common in both EMPLOYEE and STUDENT table.

Program:-

```
SELECT EMP_ADD FROM EMPLOYEE_TABLE INTERSECT SELECT S_ADD FROM STUDENT_TABLE;
```

Output:-



Q3. Add one attribute PIN for EMPLOYEE and SPIN for STUDENT with some common value for both table. Write a query to retrieve the list of student and employee who have same PINCODE if any.

Program:-

```
ALTER TABLE EMPLOYEE_TABLE ADD PIN int;
```

Output:-

Q4. Write a query to retrieve the name of employee that are present in EMPLOYEE table but not present in STUDENT table.

Program:-

Output:-

Q5. Retrieve the list of E_NAME and S_NAME in separate table whose first letter starts with R.

Program:-

Output:-

Q6.Retrieve the list of E_NAME and S_NAME whose name does not start with letter first letter R.

Program:-

Output:-

Q7. Add E_SALARY column to the existing EMPLOYEE table then insert some dummy values between 10,000 to 50,000.

Program:-

Output:-

Q8. Write a query to retrieve the list of E_NAME whose salary range is 10000 to 30,000.

Program:-

Output:-

Q9. Add E_MID column in the existing EMPLOYEE table with some dummy email domain . Write a query to retrieve the list of E_NAME whose email id domain is GMAIL.

Program:-

Output:-

Q10. Retrieve the list of NAME that are present in EMPLOYEE table but not present in STUDENT table.

Program:-

Output:-