CREATE TABLE Employee(

E\_ID int,

Name VARCHAR(55),

Address VARCHAR(55)

);

CREATE TABLE Department(

Dept\_Novarchar(20),

Dept\_nameVARCHAR(55),

E\_ID VARCHAR(55)

);

INSERT INTO Employee(E\_ID, Name, Address)

VALUES (1,'John','Newyork'),

(2, 'Michael', 'Texas'),

(3, 'San', 'Indiana'),

(4, 'James', 'Maryland'),

(5, 'Liam', 'Texas');

INSERT INTO Department(Dept\_No, Dept\_Name, E\_ID)

VALUES('D1','HR',1),

('D2', 'IT', 2),

('D3', 'MRKT',4),

('D4', 'Finance', 5),

('D5', 'Admin', 6);

select \* from employee;

select \* from department;

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select Employee.E\_ID, Employee.Name, Department.Dept\_No, Department.Dept\_name

from Employee INNER JOIN Department on Employee.E\_ID = Department.E\_ID;

select Employee.E\_ID, Employee.Name, Department.Dept\_No, Department.Dept\_name

from Employee JOIN Department on Employee.E\_ID = Department.E\_ID;

select Employee.E\_ID, Employee.Name, Department.Dept\_No, Department.Dept\_name

from Employee STRAIGHT\_JOIN Department on Employee.E\_ID = Department.E\_ID;

select Employee.E\_ID, Employee.Name, Department.Dept\_No, Department.Dept\_name

from Employee RIGHT OUTER JOIN department on Employee.E\_ID = Department.E\_ID;

select \* from employee natural join department;

select employee.E\_ID, department.Dept\_name from employee CROSS JOIN department;

SELECT e1.Name, e1.address from employee AS e1, employee AS e2

where e1.address = e2.address

and e1.E\_ID <> e2.E\_ID;

select \* from employee NATURAL JOIN department;

select Employee.E\_ID, Employee.Name, Department.Dept\_No, Department.Dept\_name

from Employee LEFT OUTER JOIN department on Employee.E\_ID = Department.E\_ID;

select \* from employee NATURAL JOIN department;

select employee.E\_ID, department.Dept\_name from employee CROSS JOIN department;

CREATE VIEW Customer\_details AS

SELECT customer\_id, first\_name, last\_name , email

FROM sakila.customer

GROUP by customer\_id;

select \* from customer\_details;