CREATE DATABASE ON3

USE ON3

CREATE TABLE Departments

(

Department\_Id int NOT NULL IDENTITY(11,1) PRIMARY KEY,

Department\_Name varchar(50) NOT NULL,

Location\_id int NOT NULL

);

CREATE TABLE Employees

(

Employee\_Id int NOT NULL IDENTITY(1,1) PRIMARY KEY,

FirstName varchar(50) NOT NULL,

LastName varchar(50) NOT NULL,

Email varchar(50) NOT NULL,

Phone\_No varchar(50) NOT NULL,

Hire\_date date NOT NULL,

Job\_id int NOT NULL,

Manager\_id int NOT NULL,

Salary decimal(8,2) NOT NULL,

Department\_id int NOT NULL FOREIGN KEY REFERENCES Departments(Department\_Id)

);

INSERT INTO Departments (Department\_Name,Location\_id)

VALUES ('Accounting','1700'),

('Executive','1490'),

('Finance','1780'),

('HR','1600');

INSERT INTO Employees (FirstName,LastName,Email,Phone\_No,Hire\_date,Job\_id,Manager\_id,Salary,Department\_id)

VALUES ('Hamid','Patwary','Hamid@gmail.com','01821369214','2020-11-09',2,3,30000.00,14),

('yasir', 'arafah', 'yasir@gmail', '01821369314', '2020-08-10', 8,4, 40045.00, 12),

('sumaiya', 'shejin', 'sumaiya@gmail', '01921369314', '2020-07-24', 1,6, 56900.00, 13),

('arafat', 'alam', 'arafat@gmail', '01922236314', '2021-12-02', 6,5, 2001.23, 11),

('Rahim', 'khan', 'rahim@gmail', '01921369314', '2021-06-21', 5,9, 50085.66, 13)

DROP TABLE Employees

--1

SELECT Employees.Employee\_Id, Employees.FirstName, Departments.Location\_id

FROM Employees

INNER JOIN

Departments

ON Employees.Department\_Id = Departments.Department\_Id

WHERE Departments.Location\_id = '1700'

--2

SELECT Employees.Employee\_Id, Employees.FirstName, Departments.Location\_id

FROM Employees

INNER JOIN

Departments

ON Employees.Department\_Id = Departments.Department\_Id

WHERE Departments.Location\_id <> '1760'

--3

SELECT Departments.Department\_Name, E.Salary

FROM Departments

INNER JOIN

(SELECT Department\_Id , Salary

FROM Employees

WHERE SaLary > 10000) E

ON Departments.Department\_Id = E.Department\_Id

--4

SELECT Departments.Department\_Name, MIN(Employees.Salary) AS Minsalary

FROM Employees

INNER JOIN

Departments

ON Employees.Department\_Id = Departments.Department\_Id

GROUP BY Departments.Department\_Name