**//employee table:**

**//creation of employee table:**

CREATE TABLE employee (

employee\_id INT PRIMARY KEY,

employee\_name VARCHAR(50),

date\_of\_birth DATE,

address VARCHAR(100),

contact\_number VARCHAR(15),

hire\_date DATE,

job\_title VARCHAR(50),

salary DECIMAL(10, 2)

);

**//inserting some rows into the employee table:**

INSERT INTO employee (employee\_id, employee\_name, date\_of\_birth, address, contact\_number, hire\_date, job\_title, salary)

VALUES

(1, 'John Smith', '1985-04-15', '123 Main Street, Cityville, USA', '+1 (555) 123-4567', '2010-09-01', 'Software Engineer', 75000.00),

(2, 'Jane Doe', '1990-11-10', '456 Park Avenue, Townsville, USA', '+1 (555) 987-6543', '2015-03-15', 'Marketing Manager', 85000.00),

(3, 'Michael Johnson', '1988-08-22', '789 Oak Road, Villageland, USA', '+1 (555) 222-3333', '2012-06-30', 'Sales Representative', 60000.00),

(4, 'Emily Williams', '1992-02-28', '246 Elm Street, Hamletown, USA', '+1 (555) 444-5555', '2018-11-20', 'Human Resources Specialist', 70000.00),

(5, 'Robert Lee', '1980-12-05', '135 Pine Avenue, Forestville, USA', '+1 (555) 777-8888', '2005-01-10', 'Project Manager', 90000.00);

**//retriving information from employee table**

select \* from employee

**//department table**

**//creation of department table:**

CREATE TABLE department (

department\_id INT PRIMARY KEY,

department\_name VARCHAR(50),

department\_manager\_id INT,

manager\_name VARCHAR(50),

manager\_salary DECIMAL(10, 2),

FOREIGN KEY (department\_manager\_id) REFERENCES employee (employee\_id)

);

**//inserting some rows into the department table:**

INSERT INTO department (department\_id, department\_name,department\_manager\_id, manager\_name, manager\_salary) VALUES

(1, 'Marketing', 2, 'Jane Doe', 85000.00),

(2, 'Sales', 3, 'Michael Johnson', 60000.00),

(3, 'Human Resources', 4, 'Emily Williams', 70000.00),

(4, 'Engineering', 1, 'John Smith', 75000.00),

(5, 'Finance', 5, 'Robert Lee', 90000.00);

**//retriving information from employee table**

select \* from department;

**//grades\_of\_employee table**

**//creation of grades\_of\_employee table:**

CREATE TABLE grades\_of\_employee (

grade\_id INT PRIMARY KEY,

employee\_id INT,

grade VARCHAR(5),

FOREIGN KEY (employee\_id) REFERENCES employee (employee\_id)

);

**//inserting some rows into the grades\_of\_employee table:**

INSERT INTO grades\_of\_employee (grade\_id, employee\_id, grade)

VALUES

(1, 1, 'A'),

(2, 2, 'B'),

(3, 3, 'C'),

(4, 4, 'B+'),

(5, 5, 'A-');

**//retriving information from grades\_of\_employee table**

select \* from grades\_of\_employee;