**PRACTICAL EXAM QUESTIONS JULY 2023**

**COURSE MCA**

**SEMESTER 1**

**SUBJECT CODE V20PCA103**

**DATABASE TECHNOLOGY LAB**

ENROLLMENT NUMBER – EC2332251010074  
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DATE – 13-07-2023  
SUBJECT CODE- V20PCA103SUBJECT NAME – DATABASE TECHNOLOGYCOURSE NAME – MCA

**NAME OF THE PROGRAM:**

**Q1)Employee table contains the information of employee\_id ,first\_name,last\_name,email,phone\_number,hire\_date,job\_id,Salary,comission\_pct,manager\_id,department\_id .**

**(1) create the table and insert the value inside the table**

**(2)Display the salary information whose salary is greater than 50000**

**(3)create and query to display the last name,job code, hire date, and employee number for each employee.**

**(4) Set the primary key as employee\_id**

**(5)Display the deparment\_id in Ascending order**

**AIM:**

**Write a program to create a table in sql format.**

**Procedure for program:**

**1. start the program.**

**2. write the syntax for creating the table.**

**3. then run the program.**

**Program:**

**1. create the table and insert the value inside the table.**

CREATE TABLE employee (

employee\_id INT PRIMARY KEY,

first\_name VARCHAR(50),

last\_name VARCHAR(50),

email VARCHAR(100),

phone\_number VARCHAR(20),

hire\_date DATE,

job\_id VARCHAR(10),

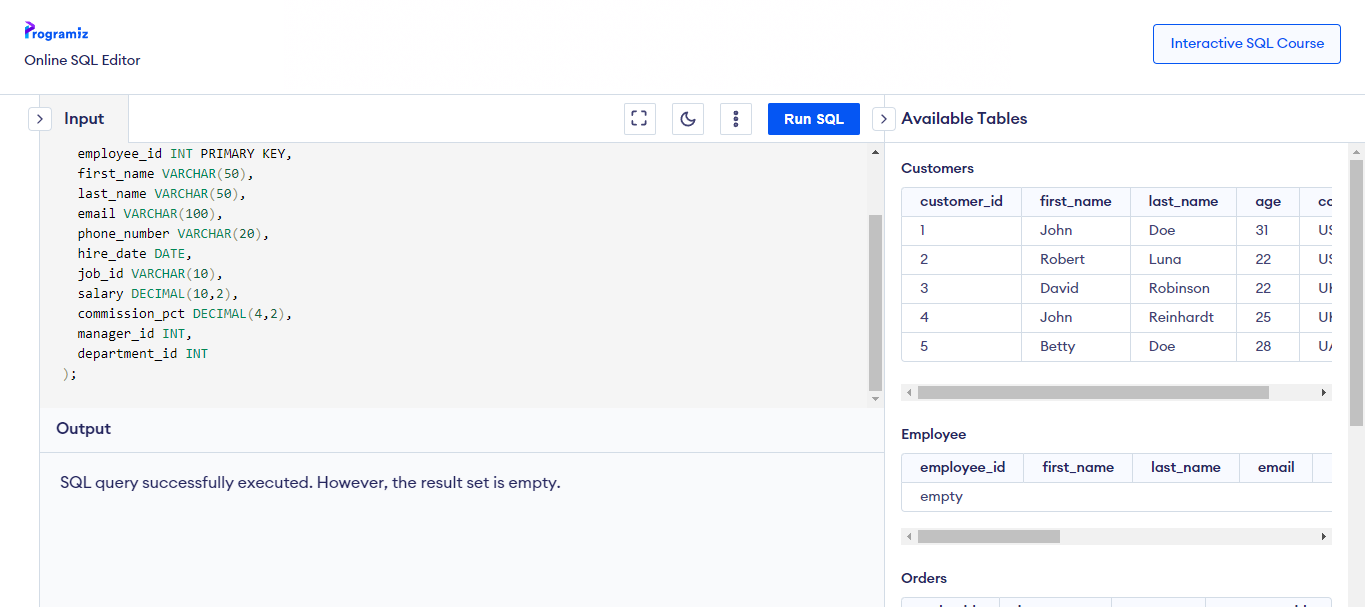
salary DECIMAL(10,2),

commission\_pct DECIMAL(4,2),

manager\_id INT,

department\_id INT

);



INSERT INTO employee (

employee\_id,

first\_name,

last\_name,

email,

phone\_number,

hire\_date,

job\_id,

salary,

commission\_pct,

manager\_id,

department\_id

)

VALUES (

100,

'Steven',

'King',

'steven.king@company.com',

'515.123.4567',

'2003-06-17',

'AD\_PRES',

24000.00,

NULL,

NULL,

90

);

INSERT INTO employee (

employee\_id,

first\_name,

last\_name,

email,

phone\_number,

hire\_date,

job\_id,

salary,

commission\_pct,

manager\_id,

department\_id

)

VALUES (

101,

'john',

'smith',

'john.smith@company.com',

'515.123.4570',

'2008-06-16',

'AD\_PRES',

67000.00,

NULL,

NULL,

97

);

INSERT INTO employee (

employee\_id,

first\_name,

last\_name,

email,

phone\_number,

hire\_date,

job\_id,

salary,

commission\_pct,

manager\_id,

department\_id

)

VALUES (

103,

'andrew',

'smith',

'andrew.smith@company.com',

'515.123.4576',

'2007-06-19',

'AD\_PRES',

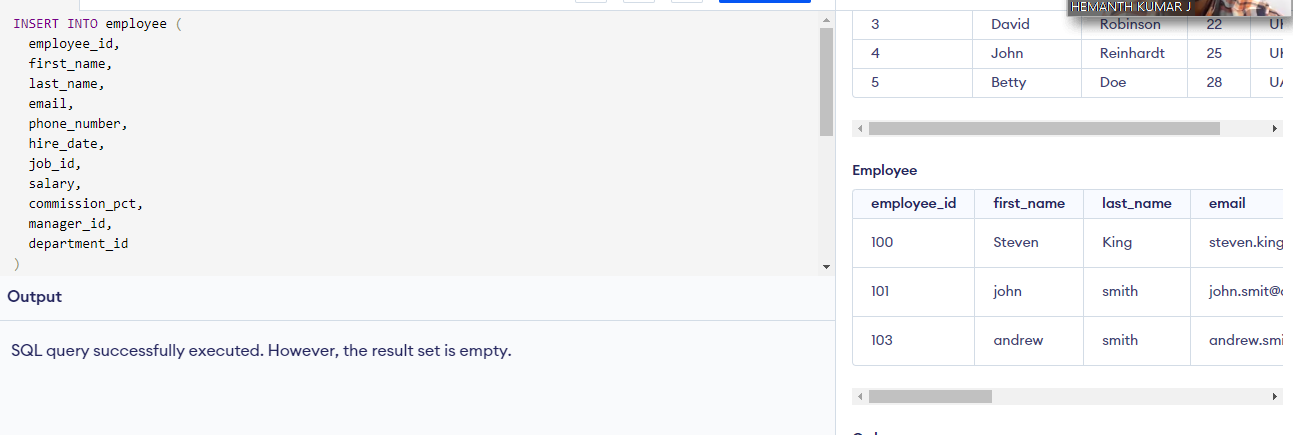
45000.00,

NULL,

NULL,

95

);



**(3)create and query to display the last name,job code, hire date, and employee number for each employee.**

SELECT job\_id, last\_name, hire\_date, phone\_number FROM employee;



**(5)Display the deparment\_id in Ascending order**

SELECT department\_id FROM employee ORDER BY department\_id ASC;

