**NAME: JEEVITHA.S-192324020**

**DATA BASE MANAGEMENT SYSTEM FOR DATA APPLICATIONS(CSA0555)**

**ASSIGNMENT 3:TOP 3 DEPARTMENTS WITH HIGHEST AVERAGE SALARY**

**CREATE TABLE 1:**

CREATE TABLE Departments ( DepartmentID INT, DepartmentName VARCHAR(50));

**INSERT**:

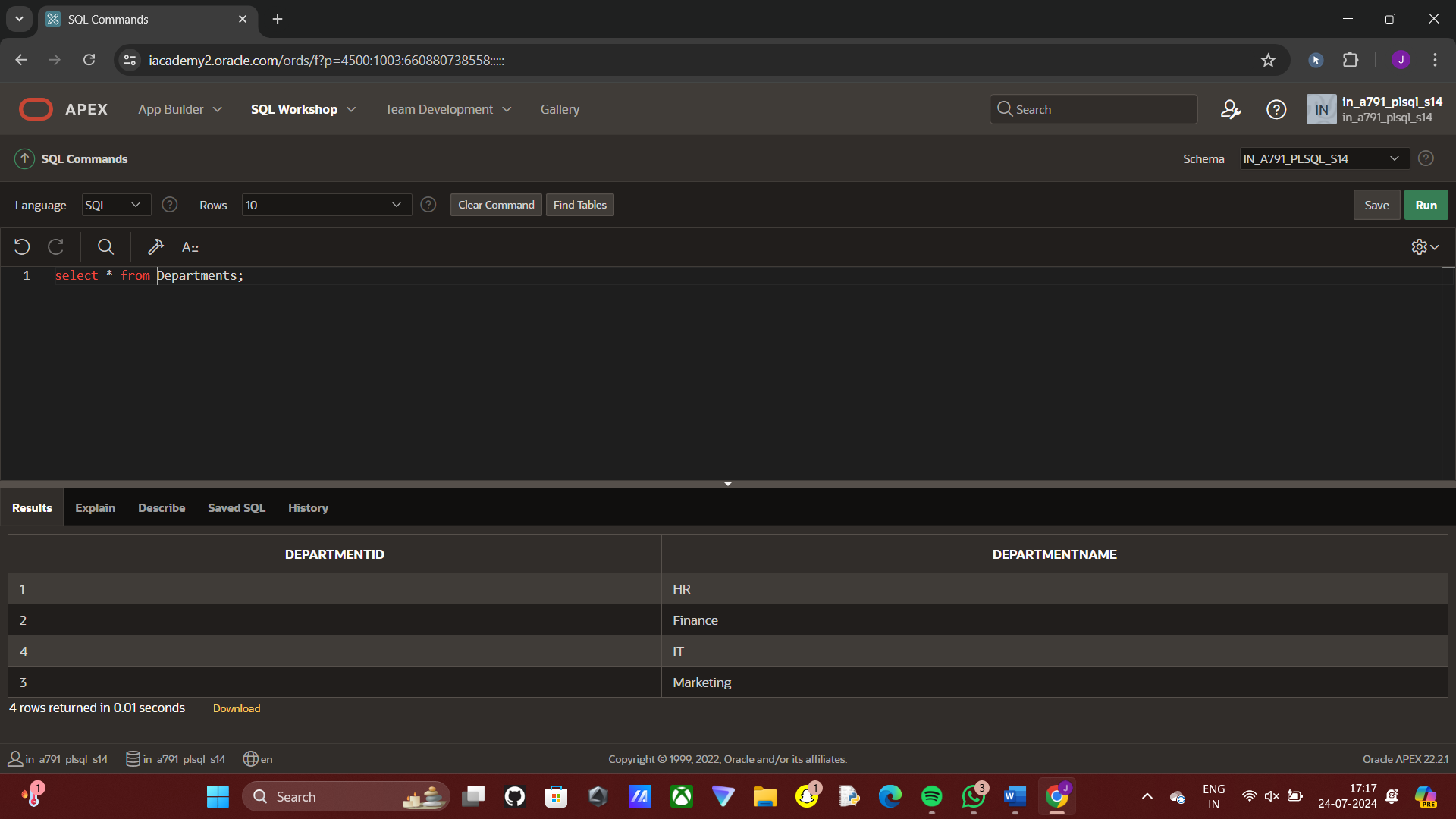
INSERT INTO Departments VALUES(1, 'HR');

INSERT INTO Departments VALUES(2, 'Finance');

INSERT INTO Departments VALUES(3, 'Marketing');

INSERT INTO Departments VALUES(4,'IT');

**TABLE 1:**



**CREATE TABLE 2:**

CREATE TABLE Employees (EmployeeID INT,EmployeeName VARCHAR(50),DepartmentID INT,Salary DECIMAL(10, 2));

**INSERT:**

INSERT INTO Employees VALUES(1, 'John Doe', 1, 50000.00);

INSERT INTO Employees VALUES(2, 'Jane Smith', 1, 55000.00);

INSERT INTO Employees VALUES(3, 'Mike Johnson', 2, 60000.00);

INSERT INTO Employees VALUES(4, 'Emily Davis', 2, 58000.00);

INSERT INTO Employees VALUES(5, 'David Brown', 3, 62000.00);

INSERT INTO Employees VALUES(6, 'Sarah Lee', 3, 61000.00);

**AVERAGE SALARY:**

SELECT

d.DepartmentID,

d.DepartmentName,

(SELECT AVG(e.Salary)

FROM Employees e

WHERE e.DepartmentID = d.DepartmentID

) AS AvgSalary

FROM Departments d

ORDER BY AvgSalary DESC;

**TABLE 2:**

