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| **Class: FYMCA Div: A**  **Semester: 2** | **Course Code:**  **MCA01555**  **Course Name: Database Systems Laboratory** | | **Batch: F2** |
| **Name: Pranav Raju Malwatkar** | | **Roll No: 51037** | |
| **CO No: CO516.3** | | **Assignment No:8** | |

**PRACTICAL SUBMISSION RECORD- A.Y. 2024-25**

**Query 8 :** **Perform the following operations with the help of cursors i. Increase salary of each customer by 5000. ii. Retrieve the customer name and address.**

**Ans:**

**Query: create table**

CREATE TABLE customers(

customer\_id NUMBER PRIMARY KEY,

customer\_name VARCHAR(100),

address VARCHAR(255),

salary NUMBER);

**Query: Insert Values**

INSERT INTO customers VALUES( 1, 'Alice Johnson','123 street, NY', 50000);

INSERT INTO customers VALUES( 2, 'Bob Smith','456 Road,CA', 60000);

INSERT INTO customers VALUES( 3, 'Charlie Brown','789 Avenue, TX', 70000);

**PL/SQL**

DECLARE

CURSOR cust\_cursor IS

SELECT customer\_id, customer\_name, address, salary

FROM customers;

v\_customer\_id customers.customer\_id%TYPE;

v\_customer\_name customers.customer\_name%TYPE;

v\_address customers.address%TYPE;

v\_salary customers.salary%TYPE;

BEGIN

OPEN cust\_cursor;

LOOP

FETCH cust\_cursor INTO v\_customer\_id, v\_customer\_name, v\_address, v\_salary;

-- Exit the loop when there are no more rows

EXIT WHEN cust\_cursor%NOTFOUND;

-- Update the salary

UPDATE customers

SET salary = salary + 5000

WHERE customer\_id = v\_customer\_id;

-- Output the customer name and address

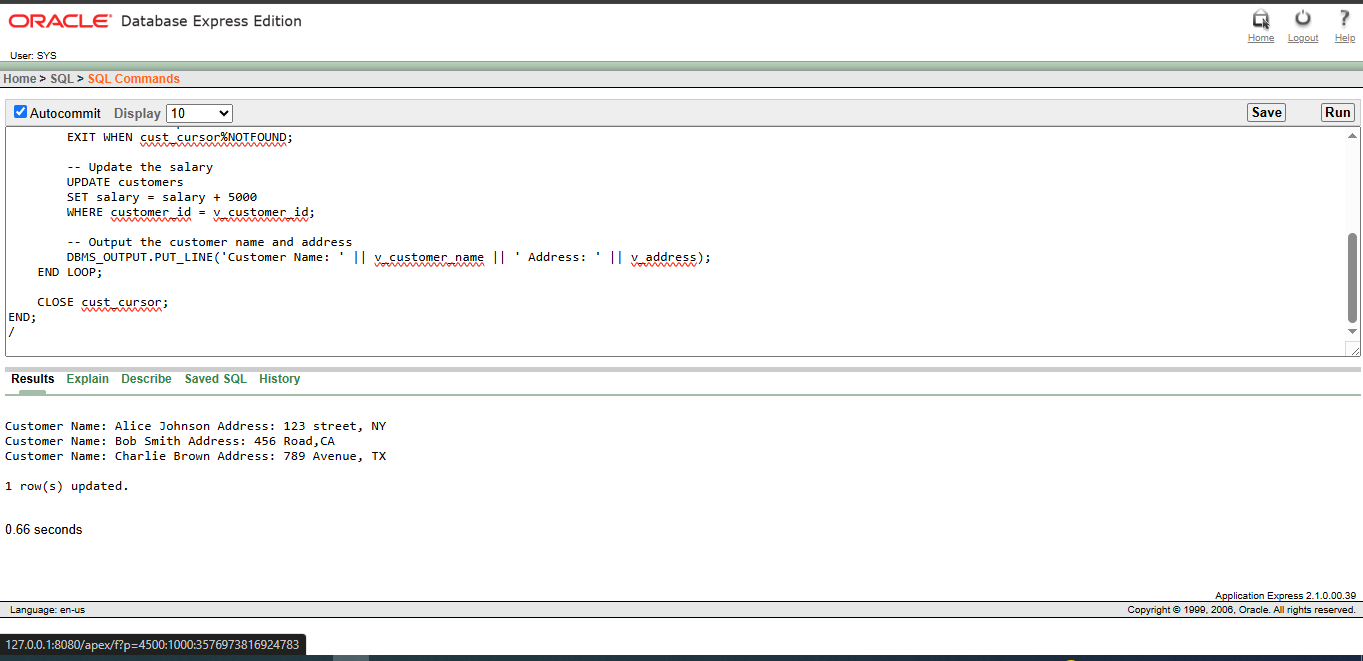
DBMS\_OUTPUT.PUT\_LINE('Customer Name: ' || v\_customer\_name || ' Address: ' || v\_address);

END LOOP;

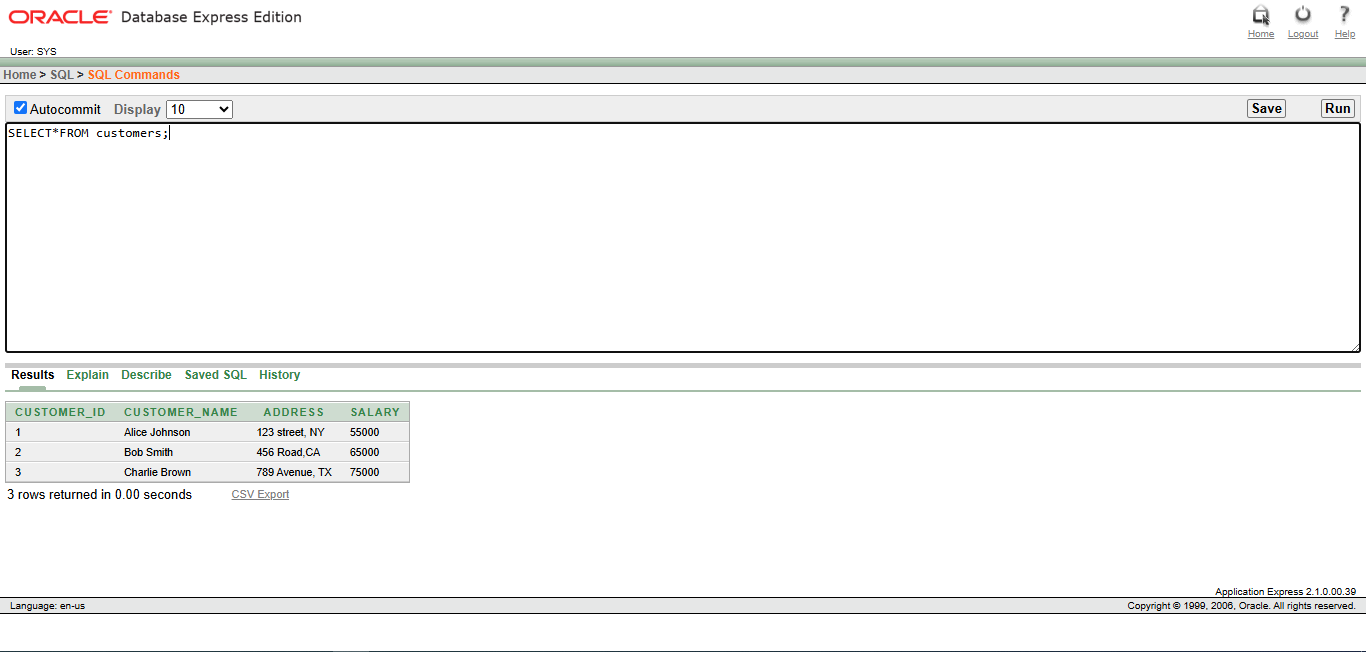
CLOSE cust\_cursor;

END;

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**Results:**

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