

## Data Definition Language:

### 1. CREATE TABLE Employee (

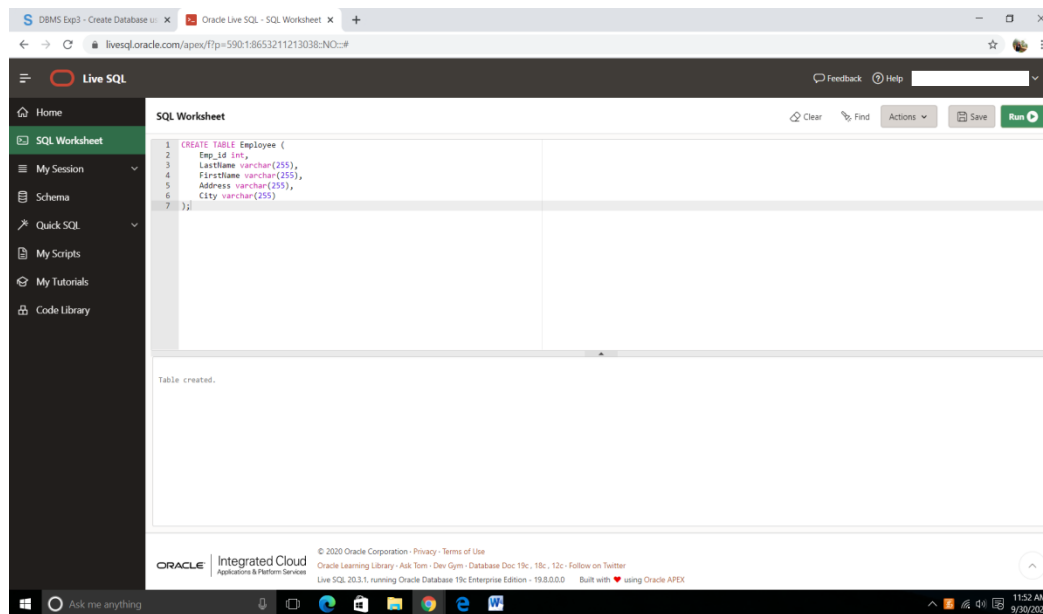
Emp\_id int,

LastName varchar(255),

FirstName varchar(255),

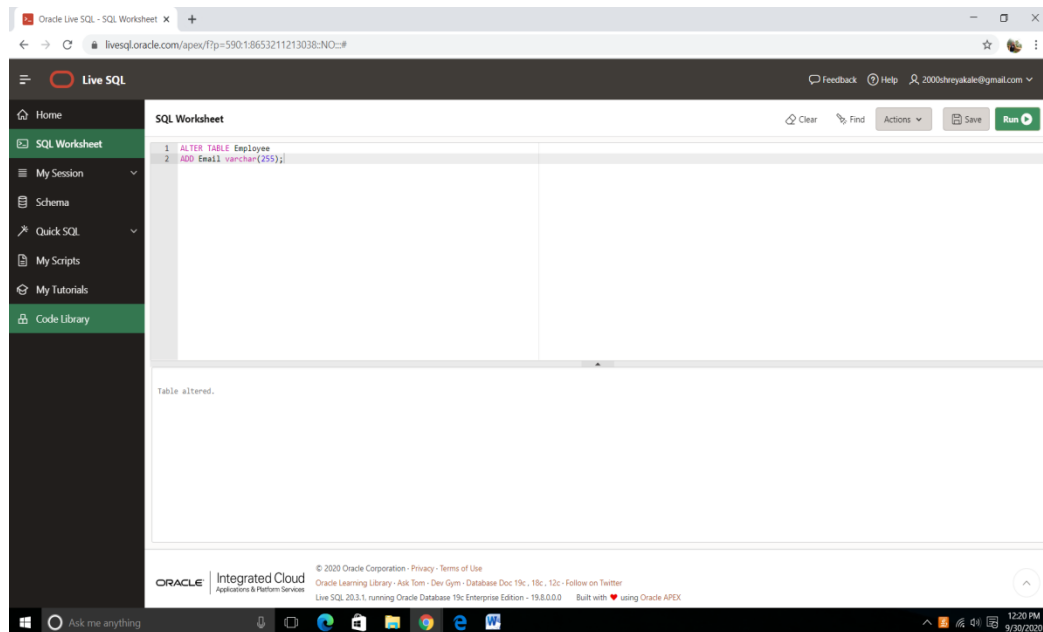
Address varchar(255),

City varchar(255));



### 2. ALTER TABLE Employee

ADD Email varchar(255);



### 3. ALTER TABLE Employee DROP (Email);

The screenshot shows the Oracle Live SQL interface. The SQL Worksheet contains the following code:

```
1 ALTER TABLE Employee DROP (Email);
2 SELECT * FROM Employee;
```

The results pane displays a table with the following data:

| EMP_ID | LASTNAME | FIRSTNAME | ADDRESS  | CITY     |
|--------|----------|-----------|----------|----------|
| 1802   | RY       | John      | Sector 2 | another1 |
| 1803   | XYZ      | ABC       | Sector 3 | Plumball |

Below the table, it says "Download CSV" and "2 rows, 10/10/2020".

### 4. TRUNCATE TABLE Employee;

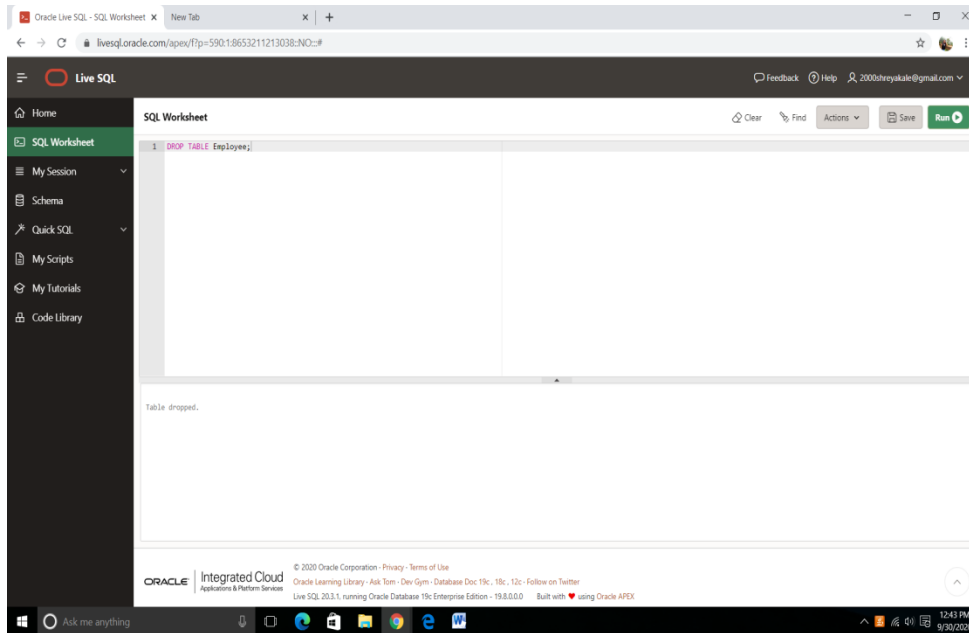
SELECT \* FROM Employee;

The screenshot shows the Oracle Live SQL interface. The SQL Worksheet contains the following code:

```
1 TRUNCATE TABLE Employee;
2 SELECT * FROM Employee;
```

The results pane displays the message "Table truncated." and "no data found".

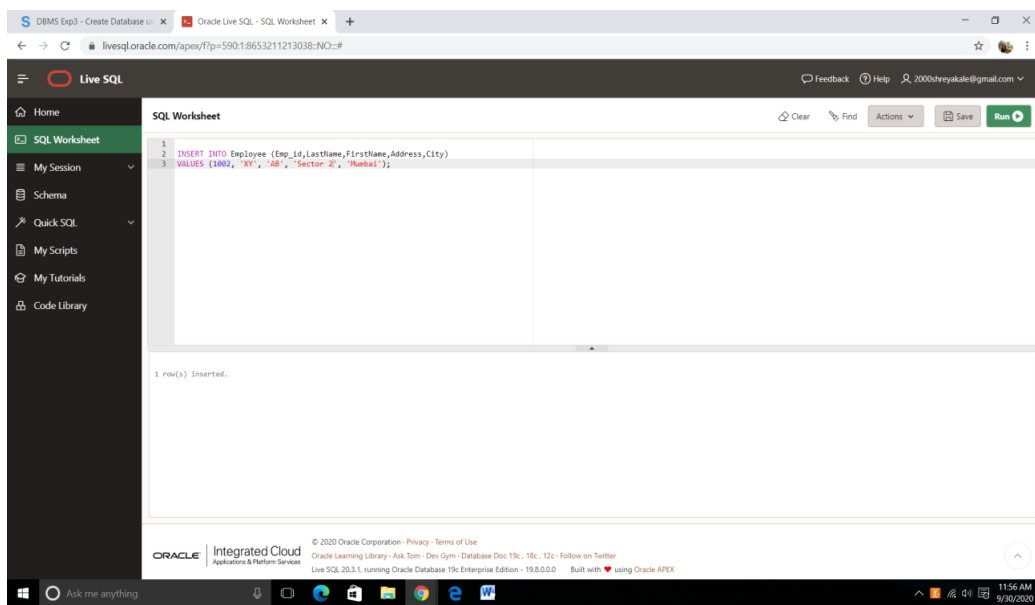
## 5. DROP TABLE Employee;



## Data Manipulation Language:

1. INSERT INTO Employee (Emp\_id,LastName,FirstName,Address,City)

VALUES (1002, 'XY', 'AB', 'Sector 2', 'Mumbai');



2. SELECT \* FROM Employee WHERE Emp\_id=1001;

The screenshot shows the Oracle Live SQL interface. The SQL Worksheet contains the query: `1 SELECT * FROM Employee WHERE Emp_id=1001;`. The results table displays the following data:

| EMP_ID | LASTNAME | FIRSTNAME | ADDRESS  | CITY   |
|--------|----------|-----------|----------|--------|
| 1001   | XYZ      | ABC       | Sector 1 | Mumbai |

Below the table, it says "Download CSV". The footer of the interface includes Oracle and Integrated Cloud logos, copyright information for 2020, and mentions "Live SQL 20.3.1, running Oracle Database 19c Enterprise Edition - 19.8.0.0.0".

3. SELECT \* FROM Employee;

UPDATE Employee

SET City = 'Andheri', FirstName= 'John'

WHERE Emp\_id = 1002;

SELECT \* FROM Employee;

The screenshot shows the Oracle Live SQL interface with a multi-line query in the SQL Worksheet:

```
1 SELECT * FROM Employee;  
2 UPDATE Employee  
3 SET City = 'Andheri', FirstName= 'John'  
4 WHERE Emp_id = 1002;  
5 SELECT * FROM Employee;
```

The results table shows two rows of data:

| EMP_ID | LASTNAME | FIRSTNAME | ADDRESS  | CITY    |
|--------|----------|-----------|----------|---------|
| 1002   | XY       | John      | Sector 2 | Andheri |
| 1001   | XYZ      | ABC       | Sector 1 | Mumbai  |

Below the table, it says "Download CSV" and "2 rows selected.".

Below the results table, it says "1 row(s) updated." and shows a second results table with the same data as above.

The footer of the interface includes Oracle and Integrated Cloud logos, copyright information for 2020, and mentions "Live SQL 20.3.1, running Oracle Database 19c Enterprise Edition - 19.8.0.0.0".

#### 4. UPDATE Employee

SET Email='abc@gmail.com'

WHERE Emp\_id = 1001;

SELECT \* FROM Employee;

The screenshot shows the Oracle Live SQL interface. The SQL Worksheet contains the following queries:

```
1 UPDATE Employee
2 SET Email='abc@gmail.com'
3 WHERE Emp_id = 1001;
4 SELECT * FROM Employee;
```

The execution results show "1 row(s) updated." followed by a table of employee data:

| EMP_ID | LASTNAME | FIRSTNAME | ADDRESS  | CITY    | EMAIL         |
|--------|----------|-----------|----------|---------|---------------|
| 1002   | XY       | John      | Sector 2 | Andheri | -             |
| 1001   | XYZ      | ABC       | Sector 1 | Mumbai  | abc@gmail.com |

Below the table, it says "2 rows selected." The interface also includes a sidebar with navigation options like Home, SQL Worksheet, My Session, Schema, Quick SQL, My Scripts, My Tutorials, and Code Library.

#### 5. DELETE FROM Employee WHERE Emp\_id=1001;

SELECT \* FROM Employee;

The screenshot shows the Oracle Live SQL interface. The SQL Worksheet contains the following queries:

```
1 DELETE FROM Employee WHERE Emp_id=1001;
2 SELECT * FROM Employee;
3
```

The execution results show "0 row(s) deleted." followed by a table of employee data:

| EMP_ID | LASTNAME | FIRSTNAME | ADDRESS  | CITY    |
|--------|----------|-----------|----------|---------|
| 1002   | XY       | John      | Sector 2 | Andheri |

Below the table, it says "Download CSV". The interface also includes a sidebar with navigation options like Home, SQL Worksheet, My Session, Schema, Quick SQL, My Scripts, My Tutorials, and Code Library.

