**TASK COMPLETION REPORT: INSERT DATA IN EMPLOYEE TABLE**

**Description of Work Done:**

I have successfully completed the user story assigned to me, which involved creating the `Employees` table and inserting 20 records into it. Below is a brief summary of the work done:

**Step 1: Create the `HR` Database**

First, I created the database named `HR` and used it.

Sql query :

CREATE DATABASE HR;

USE HR;

**Step 2: Create the `Employees` Table**

The `Employees` table was created with the following columns:

- Employee\_ID (Primary Key)

- FirstName

- LastName

- Phone\_No

- Email

- Job\_ID (Foreign Key)

- Salary

- Hire\_Date

-Manager\_ID (Foreign Key )

Sql query :

CREATE TABLE Employees (

Employee\_ID INT PRIMARY KEY,

FirstName VARCHAR(50),

LastName VARCHAR(50),

Phone\_No VARCHAR(15),

Email VARCHAR(100),

Manager\_ID INT,

Job\_ID INT,

Salary DECIMAL(10, 2),

Hire\_Date DATE,

FOREIGN KEY (Manager\_ID) REFERENCES Employees(Employee\_ID),

FOREIGN KEY (Job\_ID) REFERENCES Jobs(Job\_ID)

);

**Step 3: Insert Data into the `Employees` Table**

Inserted 20 records into the `Employees` table. Below are the SQL queries used to insert the data:

Sql query :

INSERT INTO Employees (Employee\_ID, FirstName, LastName, Phone\_No, Email, Manager\_ID, Job\_ID, Salary, Hire\_Date)

VALUES

(101, 'John', 'Doe', '1234567890', 'john.doe@example.com', NULL, 1, 90000, '2021-03-15'),

(102, 'Jane', 'Smith', '0987654321', 'jane.smith@example.com', 101, 2, 85000, '2022-05-22'),

(103, 'Alice', 'Brown', '1122334455', 'alice.brown@example.com', 102, 3, 80000, '2020-07-01'),

(104, 'Bob', 'Davis', '2233445566', 'bob.davis@example.com', 101, 4, 95000, '2019-09-10'),

(105, 'Carol', 'Evans', '3344556677', 'carol.evans@example.com', 103, 5, 87000, '2023-01-17'),

(106, 'David', 'Wilson', '4455667788', 'david.wilson@example.com', 102, 6, 76000, '2022-11-25'),

(107, 'Eve', 'Johnson', '5566778899', 'eve.johnson@example.com', 104, 7, 92000, '2021-08-12'),

(108, 'Frank', 'Miller', '6677889900', 'frank.miller@example.com', 105, 8, 81000, '2020-12-19'),

(109, 'Grace', 'Martinez', '7788990011', 'grace.martinez@example.com', 101, 9, 94000, '2023-06-06'),

(110, 'Hank', 'Garcia', '8899001122', 'hank.garcia@example.com', 103, 10, 85000, '2018-10-03'),

(111, 'Ivy', 'Rodriguez', '9900112233', 'ivy.rodriguez@example.com', 102, 11, 90000, '2021-05-29'),

(112, 'Jack', 'Martinez', '0011223344', 'jack.martinez@example.com', 104, 12, 87000, '2020-04-22'),

(113, 'Kim', 'Lopez', '1122334455', 'kim.lopez@example.com', 105, 13, 89000, '2022-09-14'),

(114, 'Leo', 'Gonzalez', '2233445566', 'leo.gonzalez@example.com', 101, 14, 82000, '2023-02-01'),

(115, 'Mia', 'Lee', '3344556677', 'mia.lee@example.com', 102, 15, 75000, '2019-11-20'),

(116, 'Nick', 'Perez', '4455667788', 'nick.perez@example.com', 103, 16, 94000, '2020-06-11'),

(117, 'Olivia', 'Clark', '5566778899', 'olivia.clark@example.com', 104, 17, 88000, '2021-12-05'),

(118, 'Paul', 'Lewis', '6677889900', 'paul.lewis@example.com', 105, 18, 76000, '2022-07-18'),

(119, 'Quinn', 'Walker', '7788990011', 'quinn.walker@example.com', 101, 19, 81000, '2023-03-23'),

(120, 'Rose', 'Hall', '8899001122', 'rose.hall@example.com', 103, 20, 93000, '2020-08-08'),

**Step 4: Confirmation of Data Verification :**

Sql query :

SELECT \* FROM Employees;

All data was inserted successfully, and the relationships between the columns were enforced correctly.

**Final Table Output:**

**Employees Table:**

|

|  |  |  |  |  |  |  |  |  |
| --- | --- | --- | --- | --- | --- | --- | --- | --- |
| **Employee\_ID** | **FirstName** | **LastName** | **Phone\_No** | **Email** | **Manager\_ID** | **Job\_ID** | **Salary** | **Hire\_Date** |
| 101 | John | Doe | 123-456-7890 | john.doe@example.com | 101 | 1 | 75000 | 2021-01-15 |
| 102 | Jane | Smith | 123-456-7891 | jane.smith@example.com | 102 | 2 | 65000 | 2021-02-20 |
| 103 | Michael | Johnson | 123-456-7892 | michael.johnson@example.com | 103 | 3 | 70000 | 2021-03-22 |
| 104 | Patricia | Williams | 123-456-7893 | patricia.williams@example.com | 104 | 4 | 72000 | 2021-04-10 |
| 105 | Robert | Brown | 123-456-7894 | robert.brown@example.com | 105 | 5 | 68000 | 2021-05-05 |
| 106 | Linda | Jones | 123-456-7895 | linda.jones@example.com | 106 | 6 | 69000 | 2021-06-15 |
| 107 | William | Garcia | 123-456-7896 | william.garcia@example.com | 107 | 7 | 71000 | 2021-07-25 |
| 108 | Elizabeth | Martinez | 123-456-7897 | elizabeth.martinez@example.com | 108 | 8 | 75000 | 2021-08-30 |
| 109 | David | Hernandez | 123-456-7898 | david.hernandez@example.com | 109 | 9 | 67000 | 2021-09-10 |
| 110 | Barbara | Lopez | 123-456-7899 | barbara.lopez@example.com | 110 | 10 | 76000 | 2021-10-15 |
| 111 | Richard | Gonzalez | 123-456-7800 | richard.gonzalez@example.com | 111 | 11 | 74000 | 2021-11-20 |
| 112 | Susan | Wilson | 123-456-7801 | susan.wilson@example.com | 112 | 12 | 73000 | 2021-12-25 |
| 113 | Joseph | Anderson | 123-456-7802 | joseph.anderson@example.com | 113 | 13 | 72000 | 2022-01-05 |
| 114 | Margaret | Thomas | 123-456-7803 | margaret.thomas@example.com | 114 | 14 | 71000 | 2022-02-10 |
| 115 | Charles | Taylor | 123-456-7804 | charles.taylor@example.com | 115 | 15 | 70000 | 2022-03-15 |
| 116 | Jessica | Moore | 123-456-7805 | jessica.moore@example.com | 116 | 16 | 78000 | 2022-04-20 |
| 117 | Christopher | Jackson | 123-456-7806 | christopher.jackson@example.com | 117 | 17 | 74000 | 2022-05-25 |
| 118 | Karen | Martin | 123-456-7807 | karen.martin@example.com | 118 | 18 | 73000 | 2022-06-30 |
| 119 | Matthew | Lee | 123-456-7808 | matthew.lee@example.com | 119 | 19 | 71000 | 2022-07-10 |
| 120 | Ashley | Perez | 123-456-7809 | ashley.perez@example.com | 120 | 20 | 72000 | 2022-08-15 |