Coding Challenge 2

CareerHub

1.

2,3, &4.

```
coding challege 2_CareerHub ×
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             /*2,3,4 task*/
    8 • CREATE TABLE IF NOT EXISTS Companies (
               CompanyID INT PRIMARY KEY,
               CompanyName VARCHAR(255),
   11
               Location VARCHAR(255)
   12
   13
   14 • CREATE TABLE IF NOT EXISTS Jobs (
              JobiD INT PRIMARY KEY,
CompanyID INT,
   15
   15
             DobTitle VARCHAR(255),
   17
   18
              JobGescription TEXT,
   28
              Salary DECIMAL,
             DobType VARCHAR(50),
   21
               PostedDate DATETIME,
   22
   23
                FOREIGN KEY (CompanylD) REFERENCES Companies(CompanylD)
  26 • CREATE TABLE IF NOT EXISTS Applicants (
               ApplicantID INT PRIMARY KEY,
   28
               FirstName VARCHAR(255),
              LastName VARCHAR(255),
              Email VARCHAR(255),
   31
               Phone VARCHAR(38),
              Resume TEXT
   32
  35 • CREATE TABLE IF NOT EXISTS Applications (
               ApplicationID INT PRIMARY KEY.
               JobID INT,
               CoverLetter TEXT,
   41
               FOREIGN KEY (JobID) REFERENCES Jobs(JobID),
   42
                FOREIGN KEY (ApplicantID) REFERENCES Applicants(ApplicantID)
```

Data Insertion:

```
INSERT INTO Companies (CompanyID, CompanyName, Location) VALUES
       (1, 'ABC Corp', 'Mumbai'),
      (2, 'XYZ Ltd', 'Bangalore'),
      (3, 'Tech Innovators', 'Delhi');
48
50 • INSERT INTO Jobs (JobID, CompanyID, JobTitle, JobDescription, JobLocation, Salary, JobType, PostedDate) VALUES
      (101, 1, 'Software Engineer', 'Develop software applications', 'Mumbai', 80000, 'Full-time', '2023-01-01'),
      (102, 2, 'Data Analyst', 'Analyze and interpret data', 'Bangalore', 70000, 'Part-time', '2023-01-05'),
52
53
      (103, 3, 'UX Designer', 'Design user interfaces', 'Delhi', 90000, 'Contract', '2023-01-10');
55 • INSERT INTO Applicants (ApplicantID, FirstName, LastName, Email, Phone, Resume) VALUES
       (201, 'Rohan', 'Chaudhari', 'rohan@gmail.com', '987-654-3210', 'RohanChaudhari_Resume.pdf'),
      (202, 'Rohit', 'Rajput', 'rohit@gmail.com', '123-456-7890', 'RohitRajput_Resume.doc');
57
59 • INSERT INTO Applications (ApplicationID, JobID, ApplicantID, ApplicationDate, CoverLetter) VALUES
       (301, 101, 201, '2023-01-02', 'Cover letter for Software Engineer position'),
       (302, 102, 202, '2023-01-06', 'Cover letter for Data Analyst position');
61
```































