

```
CREATE TABLE Login(  
    username VARCHAR2(18) PRIMARY KEY,  
    password VARCHAR2(50) NOT NULL,  
);
```

```
CREATE TABLE User(  
    userID NUMBERS PRIMARY KEY,  
    roleID VARCHAR2(2) NOT NULL,  
    email VARCHAR2(50) NOT NULL  
);
```

```
CREATE TABLE Company(  
    userID NUMBERS PRIMARY KEY,  
    email VARCHAR2(50) NOT NULL,  
    companyName VARCHAR2(30) NOT NULL,  
    phoneNumber NUMBER  
);
```

```
CREATE TABLE JobSeeker(  
    userID NUMBERS PRIMARY KEY  
    email VARCHAR2(50) NOT NULL,  
    firstName VARCHAR2(30) NOT NULL,  
    lastName VARCHAR2(30) NOT NULL  
);
```

```
CREATE TABLE Job(  
    jobID NUMBERS PRIMARY KEY,  
    jobTitle VARCHAR2(30) NOT NULL,  
    jobField VARCHAR2(30),  
    jobType VARCHAR2(50),  
    salary NUMBER,  
    requirements VARCHAR2(200) NOT NULL,  
    province VARCHAR2(50),  
    postalCode VARCHAR2(6),  
    country VARCHAR2(30) DEFAULT 'Canada',  
    city VARCHAR2(50),  
    streetName VARCHAR2(50)  
);
```

```
CREATE TABLE Role(  
    roleName VARCHAR2(18) NOT NULL,  
    roleID VARCHAR(2) PRIMARY KEY,  
    userID VARCHAR(50)  
);
```

## Insert

*To insert values for all attributes of the table;*

```
INSERT INTO Company  
VALUES (1234, 'bob@gmail.com', "Google", "416-979-5000");
```

*To insert values for only a subset of attributes, we have to specify the attribute name;*

```
INSERT INTO JobSeeker (lastName, firstName)  
VALUES ("Green", "Evan")
```

## Selection

*To select all users in Job where the province is Ontario.*

```
SELECT *  
FROM Job  
WHERE province = "Ontario";
```

## Deletion

*To delete user a with userID 0001 in the User table*

```
DELETE FROM User  
WHERE userID = 0001;
```

\_\_\_\_\_ (Note: all tuples that refers to the userID 0001 will be deleted from all tables)