

Create

1) Create two tables

Candidate (This table stores the different political candidates)

First name

Last Name

DOB Make it a date format

Salary

Party (This table contains the different political parties)

PartyDesc

You decide what the types are going to be. Do not put any constraints.

(NOTE: Column names cannot be two separate words. Use an underscore)

```
CREATE TABLE Candidate(  
    FirstName VARCHAR(20),  
    LastName VARCHAR(20),  
    DOB DATE,  
    Salary INT  
);
```

```
CREATE TABLE Party(  
    PartyDesc VARCHAR(255)  
);
```

2) Using the alter table statement drop the DOB column

```
ALTER TABLE Candidate DROP COLUMN DOB;
```

3) Using the alter table statement add the DOB column

```
ALTER TABLE Candidate ADD DOB DATE;
```

4) Using the alter table statement to add primary keys to both tables. (NOTE: You will have to add additional columns for the primary key)

```
ALTER TABLE Candidate ADD FullName VARCHAR(40);  
ALTER TABLE Candidate ADD PRIMARY KEY (FullName);  
  
ALTER TABLE Party ADD PartyID VARCHAR(40);  
ALTER TABLE Party ADD PRIMARY KEY (PartyID);
```

5) Using the alter table statement add a composite candidate key to the Candidate table. Pick whatever column(s) you want.

```
ALTER TABLE Candidate ADD FullName VARCHAR(40);  
ALTER TABLE Candidate ADD CONSTRAINT PK_FullName PRIMARY KEY  
(FullName, FirstName, LastName);
```

6) Drop the Party table. Recreate it with the primary key. (Do not use alter table. Just use the create table statement)

```
DROP TABLE Party;  
Create TABLE Party(  
    PartyID INT NOT NULL PRIMARY KEY (PARTYID),  
    PartyDesc VARCHAR(255),  
);
```