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)

```
DROP TABLE Candidate;
DROP TABLE Party;

CREATE TABLE Candidate
(
    FName VARCHAR2(20),
    LName VARCHAR2(20),
    DOB DATE,
    Salary NUMBER
);

CREATE TABLE Party
(
    PartyDesc VARCHAR2(20)
);
```

Script Output ×

| Task completed in 0.14 seconds

```
SQL Error: ORA-00955: name is already used by an existing object
00955. 00000 -  "name is already used by an existing object"
*Cause:
*Action:
table CANDIDATE dropped.
table PARTY dropped.
table CANDIDATE created.
table PARTY created.
```

2) Using the alter table statement drop the DOB column

```
ALTER TABLE Candidate DROP (DOB);
DESC Candidate;
```

```
table CANDIDATE altered.
DESC Candidate
Name    Null Type
------  ---- ------------
FNAME        VARCHAR2(20)
LNAME        VARCHAR2(20)
SALARY       NUMBER
```

3) Using the alter table statement add the DOB column

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

```
table CANDIDATE altered.
DESC Candidate
Name    Null Type
------  ---- ------------
FNAME        VARCHAR2(20)
LNAME        VARCHAR2(20)
SALARY       NUMBER
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 candidate_id NUMBER;
ALTER TABLE Candidate ADD PRIMARY KEY (candidate_id);
DESC Candidate;
```

```
table CANDIDATE altered.
table CANDIDATE altered.
DESC Candidate
Name          Null      Type
------------  --------  ------------
FNAME                   VARCHAR2(20)
LNAME                   VARCHAR2(20)
SALARY                  NUMBER
DOB                     DATE
CANDIDATE_ID  NOT NULL  NUMBER
```

```
ALTER TABLE Party ADD party_id NUMBER;
ALTER TABLE Party ADD PRIMARY KEY (party_id);
DESC Party;
```

```
table PARTY altered.
table PARTY altered.
DESC Party
Name       Null      Type
--------- --------  ------------
PARTYDESC            VARCHAR2(20)
PARTY_ID  NOT NULL NUMBER
```

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 UNIQUE (FName, LName);
DESC Candidate;
```

```
table CANDIDATE altered.
DESC Candidate
Name          Null      Type
------------ --------  ------------
FNAME                   VARCHAR2(20)
LNAME                   VARCHAR2(20)
SALARY                  NUMBER
DOB                     DATE
CANDIDATE_ID NOT NULL NUMBER
```

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;
DESC Party;
```

```
table PARTY dropped.
DESC Party
ERROR:
-----------------------------------
ERROR: object PARTY does not exist
```

```
CREATE TABLE Party
(
  Party_id NUMBER PRIMARY KEY,
  PartyDesc VARCHAR2(20)
);
DESC Party;


table PARTY created.
DESC Party
Name      Null     Type
--------- -------- ------------

PARTY_ID  NOT NULL NUMBER
PARTYDESC          VARCHAR2(20)
```