Insert

Re-create the candidate table as such:

```
Candidate
```

```
Candidate_id (Primary key)
First_name (UK composite)
Last_Name (UK composite)
DOB
Salary (check constraint Salary > 10000 and less than 50000)
Party id (FK)
```

Re-create the Party table as such:

Party

```
Party_id (Primary key)
PartyDesc (Unique key)
```

You may get an error message on some of these and it may be correct

1) Create the above tables with all the proper constraints. Name all the constraints. All the constraints should be in the CREATE TABLE statement.

```
DESC Candidate_AEC;
SELECT table_name, constraint_name, constraint_type FROM user_constraints WHERE table_name='CANDIDATE_AEC';
                   DESC Candidate AEC
                   Name Null Type
                   CANDIDATE ID NOT NULL NUMBER
                   FIRST_NAME
                                     VARCHAR2 (20)
                                    VARCHAR2 (20)
                   LAST_NAME
                   DOB
                                     DATE
                                     NUMBER
                   SALARY
                   PARTY ID
                                    NUMBER
            1 CANDIDATE AEC CANDIDATE AEC SALARY CK
          2 CANDIDATE AEC CANDIDATE AEC CANDIDATE ID PK P
          3 CANDIDATE AEC CANDIDATE AEC FNAME LNAME UK U
          4 CANDIDATE AEC CANDIDATE AEC PARTY ID FK R
DESC Party_AEC;
SELECT table_name, constraint_name, constraint_type FROM user_constraints WHERE table_name='PARTY_AEC';
                    DESC Party AEC
                    Name Null Type
                    PARTY ID NOT NULL NUMBER
                    PARTYDESC VARCHAR2 (30)
               1 PARTY_AEC PARTY_AEC_PARTY_ID_PK P
              2 PARTY_AEC PARTY_AEC_PARTYDESC_UK_U
```

2) Insert two rows into each of the above tables. You have to populate the tables in the proper order (You should not get an error for this)

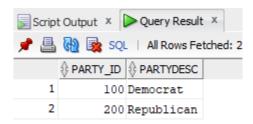
NOTE: Must insert rows into party table first before inserting rows into candidate.

```
INSERT INTO Party_aec VALUES (100, 'Democrat');
INSERT INTO Party_aec VALUES (200, 'Republican');
SELECT * FROM party_aec;

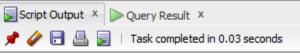
Script Output * Query Result *

# # # # | Task completed in 0.03 seconds
```

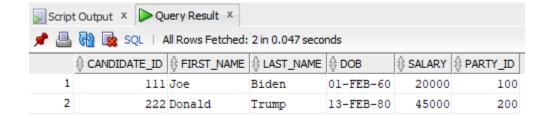
- l rows inserted.
- 1 rows inserted.

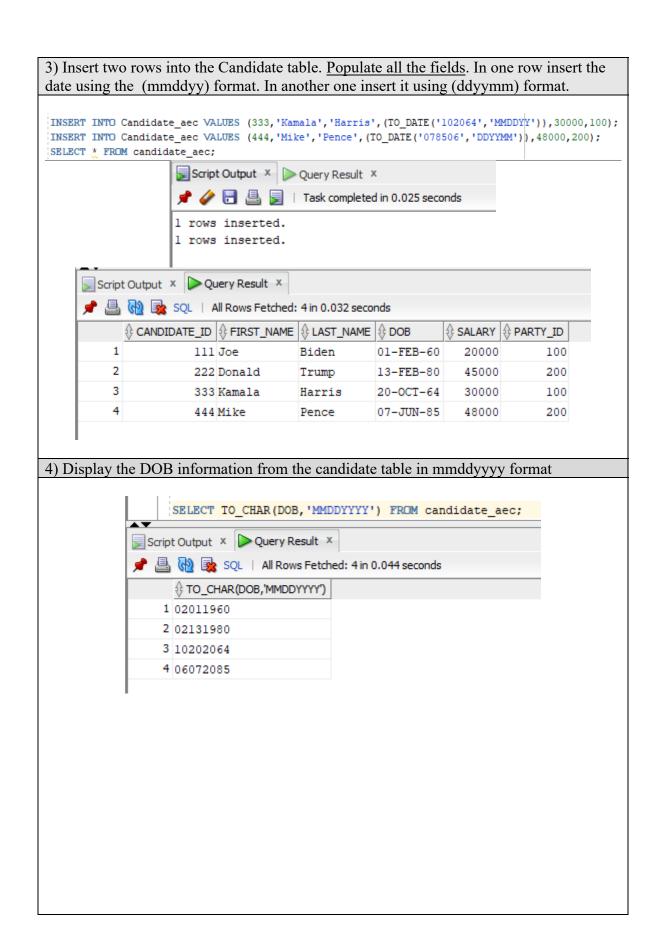


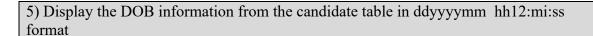
INSERT INTO Candidate_aec VALUES (111,'Joe','Biden','01-FEB-1960',20000,100);
INSERT INTO Candidate_aec VALUES (111,'Donald','Trump','13-FEB-1980',45000,200);
SELECT * FROM candidate_aec;

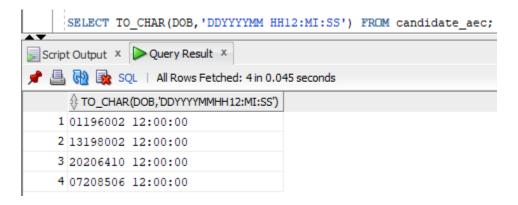


- 1 rows inserted.
- 1 rows inserted.









6) Insert another row into candidate table such that it violates the check constraint

```
INSERT INTO Candidate_aec VALUES (555, 'Hillary', 'Clinton', '05-JAN-1970', 60000, 100);

Script Output × Query Result ×

P Query Result ×

I Task completed in 0.142 seconds

Error starting at line: 43 in command -
INSERT INTO Candidate_aec VALUES (555, 'Hillary', 'Clinton', '05-JAN-1970', 60000, 100)

Error report -
SQL Error: ORA-02290: check constraint (CSUS.CANDIDATE_AEC_SALARY_CK) violated
02290. 00000 - "check constraint (%s.%s) violated"

*Cause: The values being inserted do not satisfy the named check

*Action: do not insert values that violate the constraint.
```

7) Insert another row into party such that it violates the Unique constraint

