Exercise

1. Create table called *MOVIES* that stores below columns and enforce a NOT NULL constraint on column movie number

   - movie number (accepts only numbers)
   - movie name (accepts numbers and characters and maximum length can be 100)
   - movie type (accepts numbers and characters and maximum length can be 40)
   - movie release date (accepts only dates)

2. Create table called *MOVIES* that stores below columns and enforce a UNIQUE constraint on column movie number

   - movie number (accepts only numbers)
   - movie name (accepts numbers and characters and maximum length can be 100)
   - movie type (accepts numbers and characters and maximum length can be 40)
   - movie release date (accepts only dates)

3. Create table called *MOVIES* that stores below columns and enforce a PRIMARY KEY constraint on column movie number

   - movie number (accepts only numbers)
   - movie name (accepts numbers and characters and maximum length can be 100)
   - movie type (accepts numbers and characters and maximum length can be 40)
   - movie release date (accepts only dates)

4. Create table called *MOVIES* that stores below columns and enforce a CHECK constraint on column movie type (values allowed are COMEDY and ACTION)

   - movie number (accepts only numbers)
   - movie name (accepts numbers and characters and maximum length can be 100)
   - movie type (accepts numbers and characters and maximum length can be 40)
   - movie release date (accepts only dates)

5. Create table called *MOVIES* that stores below columns and enforce a foreign key constraint on column movie director number which references table DIRECTOR and column DIRECTOR_NUMBER.

   - movie number (accepts only numbers)
   - movie name (accepts numbers and characters and maximum length can be 100)
   - movie type (accepts numbers and characters and maximum length can be 40)
   - movie release date (accepts only dates)
   - movie director number (accepts only numbers)

Answers:

```
1. CREATE TABLE movies
   (
        Movie_number        number NOT NULL,
        Movie_name          varchar2(100),
        Movie_type          varchar2(40),
        Movie_release_date  date

   );


2. CREATE TABLE movies
   (
        Movie_number        number UNIQUE,
        Movie_name          varchar2(100),
        Movie_type          varchar2(40),
        Movie_release_date  date

   );

3. CREATE TABLE movies
   (
        Movie_number        number PRIMARY KEY,
        Movie_name          varchar2(100),
        Movie_type          varchar2(40),
        Movie_release_date  date

   );

4. CREATE TABLE movies
   (
        Movie_number        number,
        Movie_name          varchar2(100),
        Movie_type          varchar2(40) CHECK (movie_type IN
        ('ACTION', 'COMEDY')),
        Movie_release_date  date

   );

5. CREATE TABLE movies
   (
        Movie_number         number,
        Movie_name           varchar2(100),
        Movie_type           varchar2(40)
        Movie_release_date   date,
        Movie_director_number number REFERENCES
        director(director_number)
   );
```