

Exercise

1. Insert 3 rows into the MOVIES table, Below is the MOVIES table structure.

```
Movie_number      number,
Movie_name        varchar2(100),
Movie_type        varchar2(40),
Movie_release_date date
```

2. Modify movie release date of movie number 101 from '12-jan-2015' to '14-jan-2015'
3. Delete the row from MOVIES table where the movie name is RUSH HOUR.

Copy and paste the below SQL's in SQL Developer and run them, You will get errors and try to correct those errors.

1. INSERT INTO SALES VALUES ('12-jan-2015',3456,101,12,3000,10,30,300,30,330)
2. INSERT INTO SALES VALUES ('12-jan-2015',3456,101,12,3000,10,30,300,30)
3. INSERT INTO SALES VALUES ('12-jan-2015' 3456,101,12,3000,10,30,300,30,330)
4. INSERT INTO CUSTOMER VALUES
(101,'JOHN|JOHN|JOHN|JOHN|JOHN|JOHN|JOHN|JOHN|JOHN|JOHN|I3','JOSEPH','A',
NULL,NULL,NULL,NULL,NULL)

Answers:

```
1. INSERT INTO movies VALUES
(
    101,
    'TERMINATOR',
    'ACTION',
    '12-JAN-2015'

);
```

```
COMMIT;
```

```
INSERT INTO movies VALUES
(
    102,
    'BABIES DAY OUT',
    'COMEDY',
    '11-FEB-2014'

);
```

```
COMMIT;
```

```
INSERT INTO movies VALUES
(
    103,
    'RUSH HOUR',
    'ACTION',
    '12-DEC-2001'

);
```

```
COMMIT;
```

```
2. UPDATE movies set movie_release_date = '14-jan-2015'
WHERE movie_number = 101;
```

```
COMMIT;
```

```
3. DELETE from movies
WHERE movie_name = 'RUSH HOUR';
```

```
COMMIT;
```

Answers for errors:

- 1) You will get an error “ORA-00933: SQL command not properly ended” when you run below SQL statement.

```
INSERT INTO SALES VALUES '12-jan-2015',3456,101,12,3000,10,30,300,30,330)
```

It is throwing an error because we missed (after VALUES. Correct the above SQL statement by adding (after VALUES keyword. (This error might be stupid, but these are the common mistakes we make.)

```
INSERT INTO SALES VALUES ('12-jan-2015',3456,101,12,3000,10,30,300,30,330)
```

- 2) You will get an error “ORA-00947: not enough values” when you run below SQL statement.

```
INSERT INTO SALES VALUES ('12-jan-2015',3456,101,12,3000,10,30,300,30)
```

It is throwing an error because we have 10 columns in the sales table and we are inserting only 9 values. So to correct this we need to add the 10th value (This error might be stupid, but these are the common mistakes we make.)

```
INSERT INTO SALES VALUES ('12-jan-2015',3456,101,12,3000,10,30,300,30,330)
```

- 3) You will get an error “ORA-00917: missing comma” when you run below SQL statement.

```
INSERT INTO SALES VALUES ('12-jan-2015' 3456,101,12,3000,10,30,300,30,330)
```

It is throwing an error because we missed , after '12-jan-2015'. (This error might be stupid, but these are the common mistakes we make.)

```
INSERT INTO SALES VALUES ('12-jan-2015',3456,101,12,3000,10,30,300,30,330)
```

- 4) You will get an error “ORA-12899: value too large for column TDS_INT."CUSTOMER"."FIRST_NAME" (actual: 52, maximum: 50)” when you run below SQL statement.

```
INSERT INTO CUSTOMER VALUES  
(101,'JOHN|JOHN|JOHN|JOHN|JOHN|JOHN|JOHN|JOHN|JOHN|JOHN|33','JOSEPH','A',  
NULL,NULL,NULL,NULL,NULL)
```

The error is clearly stating that FIRST_NAME length is 50 and you are trying to insert 52 characters. So the solution is either to increase the length of the column FIRST_NAME or reduce the value you are inserting to less than 50.

```
ALTER TABLE CUSTOMER MODIFY (FIRST_NAME VARCHAR2(60));
```

```
INSERT INTO CUSTOMER VALUES  
(101,'JOHNJOHNJOHNJOHNJOHNJOHNJOHNJOHNJOHNJOHNJOHNJOHN','JOSEPH','A',  
NULL,NULL,NULL,NULL,NULL)
```

Or

```
INSERT INTO CUSTOMER VALUES  
(101,'JOHNJOHNJOHNJOHNJOHNJOHNJOHNJOHNJOHN','JOSEPH','A',  
NULL,NULL,NULL,NULL,NULL)
```