47. CREATE TABLE MEMBERSHIP QUERY

```sql
1  CREATE TABLE MEMBERSHIP (
2  MEM_NUM      INT      NOT NULL    UNIQUE,
3  MEM_FNAME    VARCHAR(25)    NOT NULL,
4  MEM_LNAME    VARCHAR(25)    NOT NULL,
5  MEM_STREET   VARCHAR(50)    NOT NULL,
6  MEM_CITY     VARCHAR(50)    NOT NULL,
7  MEM_STATE    VARCHAR(2)     NOT NULL,
8  MEM_ZIP      VARCHAR(10)        NOT NULL,
9  MEM_BALANCE  NUMERIC(5,2)     NOT NULL,
10 PRIMARY KEY (MEM_NUM));
```

Commands completed successfully.

Total execution time: 00:00:00.077

CREATE TABLE PRICE QUERY

```sql
1  CREATE TABLE PRICE(
2  PRICE_CODE       INT      NOT NULL    UNIQUE,
3  PRICE_DESCRIPTION       VARCHAR(50)    NOT NULL,
4  PRICE_RENTFEE         NUMERIC(4,2)    NOT NULL,
5  PRICE_DAILYLATEFEE       NUMERIC(4,2)    NOT NULL,
6  CONSTRAINT PRICE_PRICE_CODE_PK PRIMARY KEY (PRICE_CODE),
7  );
```

Messages

7:30:29 PM   Started executing query at Line 1
              Commands completed successfully.
              Total execution time: 00:00:00.047

CREATE TABLE MOVIE QUERY

```sql
1  CREATE TABLE MOVIE (
2  MOVIE_NUM                        INT      NOT NULL    UNIQUE,
3  MOVIE_TITLE                      VARCHAR(50)    NOT NULL,
4  MOVIE_YEAR                       INT      NOT NULL,
5  MOVIE_COST                       NUMERIC(5,2)  NOT NULL,
6  MOVIE_GENRE                      VARCHAR(25)  NOT NULL,
7  PRICE_CODE                       INT      DEFAULT NULL,
8  CONSTRAINT MOVIE_MOVIE_NUM_PK PRIMARY KEY (MOVIE_NUM),
9  CONSTRAINT MOVIE_PRICE_CODE_FK FOREIGN KEY  (PRICE_CODE) REFERENCES PRICE (PRICE_CODE)
10   );
```

Messages

8:29:28 PM   Started executing query at Line 1
              Commands completed successfully.
              Total execution time: 00:00:00.003

CREATE TABLE RENTAL QUERY

```sql
1  CREATE TABLE RENTAL (
2  RENT_NUM    INT      NOT NULL    UNIQUE,
3  RENT_DATE   DATE     NOT NULL,
4  MEM_NUM     INT      NOT NULL,
5  CONSTRAINT RENTAL_RENT_NUM_PK PRIMARY KEY (RENT_NUM),
6  CONSTRAINT RENTAL_MEM_NUM_FK FOREIGN KEY (MEM_NUM) REFERENCES MEMBERSHIP (MEM_NUM)
7   );
```

Messages

12:30:54 AM   Started executing query at Line 1
               Commands completed successfully.
               Total execution time: 00:00:00.003
12:40:34 AM   Started executing query at Line 1

CREATE TABLE VIDEO QUERY

```sql
1  CREATE TABLE VIDEO (
2  VID_NUM     INT      NOT NULL    UNIQUE,
3  VID_INDATE  DATE     NOT NULL,
4  MOVIE_NUM   INT      NOT NULL,
5  CONSTRAINT VIDEO_VID_NUM_PK PRIMARY KEY (VID_NUM),
6  CONSTRAINT VIDEO_MOVIE_NUM_FK FOREIGN KEY  (MOVIE_NUM) REFERENCES MOVIE (MOVIE_NUM)
7   );
```

Messages

7:17:52 PM   Started executing query at Line 1
              Commands completed successfully.
              Total execution time: 00:00:00.236

47. CONTINUED   CREATE TABLE DETAILRENTAL QUERY


```sql
CREATE TABLE DETAILRENTAL (
RENT_NUM                INT             NOT NULL,
VID_NUM                 INT             NOT NULL,
DETAIL_FEE              NUMERIC (4,2)    DEFAULT NULL,
DETAIL_DUEDATE         DATE             NOT NULL,
DETAIL_RETURNDATE      DATE             DEFAULT NULL,
DETAIL_DAILYLATEFEE    NUMERIC(4,2)     DEFAULT NULL,
CONSTRAINT DETLRENT_PK PRIMARY KEY (RENT_NUM,VID_NUM),
CONSTRAINT DETAILRENTAL_RENT_NUM_FK FOREIGN KEY(RENT_NUM) REFERENCES RENTAL(RENT_NUM),
CONSTRAINT DETAILRENTAL_VID_NUM_FK FOREIGN KEY(VID_NUM) REFERENCES VIDEO(VID_NUM)
);
```

Messages

8:41:04 PM   Started executing query at Line 1
             Commands completed successfully.
             Total execution time: 00:00:00.103

48.   INSERT MEMBERSHIP QUERY /SELECT


```sql
INSERT INTO MEMBERSHIP (MEM_NUM, MEM_FNAME, MEM_LNAME, MEM_STREET, MEM_CITY, MEM_STATE, MEM_ZIP, MEM_BALANCE)

VALUES

(102,  'Tami',    'Dawson',    '2632 Takli Circle',      'Norene',      'TN', '37136', 11),
(103,  'Curt',    'Knight',    '4025 Cornell Court',     'Flatgap',     'KY', '41219', 6),
(104,  'Jamal',   'Melendez',  '788 East 145th Avenue',  'Quebeck',     'TN', '38579', 0),
(105,  'Iva',     'McClain',   '6045 Musket Ball Circle','Summit',      'KY', '42783', 15),
(106,  'Miranda', 'Parks',     '4469 Maxwell Place',     'Germantown',  'TN', '38183', 0),
(107,  'Rosario', 'Elliott',   '7578 Danner Avenue',     'Columbia',    'TN', '38402', 5),
(108,  'Hattie',  'Guy',       '4390 Evergreen Street',  'Lily',        'KY', '40740', 0),
(109,  'Clint',   'Ochoa',     '1711 Elm Street',        'Greeneville', 'TN', '37745', 10),
(110,  'Lewis',   'Rosales',   '4524 Southwind Circle',  'Counce',      'TN', '38326', 0),
(111,  'Stacy',   'Mann',      '2789 East Cook Avenue',  'Murfreesboro','TN', '37132', 8),
(112,  'Luis',    'Trujillo',  '7267 Melvin Avenue',     'Heiskell',    'TN', '37754', 3),
(113,  'Minnie',  'Gonzales',  '6430 Vasili Drive',      'Williston',   'TN', '38076', 0);
```

Messages

10:32:38 PM   Started executing query at Line 1
              (12 rows affected)
              Total execution time: 00:00:00.026


```sql
SELECT *
FROM MEMBERSHIP;
```

Results

	MEM_NUM	MEM_FNAME	MEM_LNAME	MEM_STREET	MEM_CITY	MEM_STATE	MEM_ZIP	MEM_BALANCE
1	102	Tami	Dawson	2632 Takli Circle	Norene	TN	37136	11.00
2	103	Curt	Knight	4025 Cornell Court	Flatgap	KY	41219	6.00
3	104	Jamal	Melendez	788 East 145th Avenue	Quebeck	TN	38579	0.00
4	105	Iva	McClain	6045 Musket Ball Circle	Summit	KY	42783	15.00
5	106	Miranda	Parks	4469 Maxwell Place	Germantown	TN	38183	0.00
6	107	Rosario	Elliott	7578 Danner Avenue	Columbia	TN	38402	5.00
7	108	Hattie	Guy	4390 Evergreen Street	Lily	KY	40740	0.00
8	109	Clint	Ochoa	1711 Elm Street	Greeneville	TN	37745	10.00
9	110	Lewis	Rosales	4524 Southwind Circle	Counce	TN	38326	0.00
10	111	Stacy	Mann	2789 East Cook Avenue	Murfreesboro	TN	37132	8.00
11	112	Luis	Trujillo	7267 Melvin Avenue	Heiskell	TN	37754	3.00
12	113	Minnie	Gonzales	6430 Vasili Drive	Williston	TN	38076	0.00

48. CONTINUED   INSERT PRICE QUERY / SELECT STATEMENT


```sql
INSERT INTO PRICE (PRICE_CODE, PRICE_DESCRIPTION, PRICE_RENTFEE, PRICE_DAILYLATEFEE)

VALUES
(1, 'Standard',        2.00, 1),
(2, 'New Release',     3.50, 3),
(3, 'Discount',        1.50, 1),
(4, 'Weekly Special', 1.00, .5)
;
```

Messages

10:38:49 PM   Started executing query at Line 1
              (4 rows affected)
              Total execution time: 00:00:00.024


```sql
SELECT *
FROM PRICE ;
```

Results

	PRICE_CODE	PRICE_DESCRIPTION	PRICE_RENTFEE	PRICE_DAILYLATEFEE
1	1	Standard	2.00	1.00
2	2	New Release	3.50	3.00
3	3	Discount	1.50	1.00
4	4	Weekly Special	1.00	0.50

INSERT MOVIE QUERY / SELECT STATEMENT

48. CONTINUED   INSERT RENTAL QUERY / SELECT STATEMENT

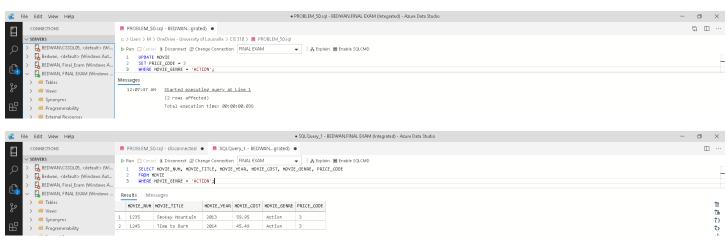## 48. CONTINUED INSERT VIDEO QUERY / SELECT STATEMENT


```sql
INSERT INTO VIDEO (VID_NUM, VID_INDATE, MOVIE_NUM)

VALUES
(54321, '18-JUN-17',    1234),
(54324, '18-JUN-17',    1234),
(54325, '18-JUN-17',    1234),
(34341, '22-JAN-16',    1235),
(34342, '22-JAN-16',    1235),
(34366, '02-MAR-18',    1236),
(34367, '02-MAR-18',    1236),
(34368, '02-MAR-18',    1236),
(34369, '02-MAR-18',    1236),
(44392, '21-OCT-17',    1237),
(44397, '21-OCT-17',    1237),
(59237, '14-FEB-18',    1237),
(61388, '25-JAN-16',    1239),
(61353, '28-JAN-15',    1245),
(61354, '28-JAN-15',    1245),
(61367, '30-JUL-17',    1246),
(61369, '30-JUL-17',    1246)
;
```

Messages
```
12:36:55 AM   Started executing query at Line 1
              (17 rows affected)
              Total execution time: 00:00:00.006
```



```sql
SELECT *
FROM VIDEO;
```

	VID_NUM	VID_INDATE	MOVIE_NUM
1	34341	2016-01-22	1235
2	34342	2016-01-22	1235
3	34366	2018-03-02	1236
4	34367	2018-03-02	1236
5	34368	2018-03-02	1236
6	34369	2018-03-02	1236
7	44392	2017-10-21	1237
8	44397	2017-10-21	1237
9	54321	2017-06-18	1234
10	54324	2017-06-18	1234
11	54325	2017-06-18	1234
12	59237	2018-02-14	1237
13	61353	2015-01-28	1245
14	61354	2015-01-28	1245
15	61367	2017-07-30	1246
16	61369	2017-07-30	1246
17	61388	2016-01-25	1239

INSERT DETAILRENTAL / SELECT STATEMENT


```sql
INSERT INTO DETAILRENTAL(RENT_NUM, VID_NUM, DETAIL_FEE, DETAIL_DUEDATE, DETAIL_RETURNDATE, DETAIL_DAILYLATEFEE)

VALUES
(1001, 34342, 2.00,   '04-MAR-18',    '02-MAR-18',    NULL),
(1001, 61353, 2.00,   '04-MAR-18',    '03-MAR-18',    1),
(1002, 59237, 3.50,   '04-MAR-18',    '04-MAR-18',    3),
(1003, 54325, 3.50,   '04-MAR-18',    '09-MAR-18',    3),
(1003, 61369, 2.00,   '06-MAR-18',    '09-MAR-18',    1),
(1003, 61388, 0.00,   '06-MAR-18',    '09-MAR-18',    1),
(1004, 44392, 3.50,   '05-MAR-18',    '07-MAR-18',    3),
(1004, 34367, 3.50,   '05-MAR-18',    '07-MAR-18',    3),
(1004, 34341, 2.00,   '07-MAR-18',    '07-MAR-18',    1),
(1005, 34342, 2.00,   '07-MAR-18',    '05-MAR-18',    1),
(1006, 34366, 3.50,   '05-MAR-18',    '04-MAR-18',    3),
(1006, 61367, 2.00,   '07-MAR-18',    NULL,           1),
(1007, 34368, 3.50,   '05-MAR-18',    NULL,           3),
(1008, 34369, 3.50,   '05-MAR-18',    '05-MAR-18',    3),
(1009, 54324, 3.50,   '05-MAR-18',    NULL,           3),
(1001, 34366, 3.50,   '04-MAR-18',    '02-MAR-18',    3)
;
```

Messages
```
12:58:01 AM   Started executing query at Line 1
              (17 rows affected)
              Total execution time: 00:00:00.031
```



```sql
SELECT *
FROM DETAILRENTAL;
```

	RENT_NUM	VID_NUM	DETAIL_FEE	DETAIL_DUEDATE	DETAIL_RETURNDATE	DETAIL_DAILYLATEFEE
1	1001	34342	2.00	2018-03-04	2018-03-02	NULL
2	1001	34366	3.50	2018-03-04	2018-03-02	3.00
3	1001	61353	2.00	2018-03-04	2018-03-03	1.00
4	1002	59237	3.50	2018-03-04	2018-03-04	3.00
5	1003	54325	3.50	2018-03-04	2018-03-09	3.00
6	1003	61369	2.00	2018-03-06	2018-03-09	1.00
7	1003	61388	0.00	2018-03-06	2018-03-09	1.00
8	1004	34341	2.00	2018-03-07	2018-03-07	1.00
9	1004	34367	3.50	2018-03-05	2018-03-07	3.00
10	1004	44392	3.50	2018-03-05	2018-03-07	3.00
11	1005	34342	2.00	2018-03-07	2018-03-05	1.00
12	1005	44397	3.50	2018-03-05	2018-03-05	3.00
13	1006	34366	3.50	2018-03-05	2018-03-04	3.00
14	1006	61367	2.00	2018-03-07	NULL	1.00
15	1007	34368	3.50	2018-03-05	NULL	3.00
16	1008	34369	3.50	2018-03-05	2018-03-05	3.00
17	1009	54324	3.50	2018-03-05	NULL	3.00

49.


```sql
UPDATE MOVIE
  SET MOVIE_YEAR = 2014
  WHERE MOVIE_NUM = 1245;
```

Messages
11:57:37 PM   Started executing query at Line 1
              (1 row affected)
              Total execution time: 00:00:00

```sql
SELECT MOVIE_NUM, MOVIE_TITLE, MOVIE_YEAR, MOVIE_COST, MOVIE_GENRE, PRICE_CODE
  FROM Movie
  WHERE MOVIE_NUM = 1245;
```

	MOVIE_NUM	MOVIE_TITLE	MOVIE_YEAR	MOVIE_COST	MOVIE_GENRE	PRICE_CODE
1	1245	Time to Burn	2014	45.49	Action	1

50.

```sql
UPDATE MOVIE
  SET PRICE_CODE = 3
  WHERE MOVIE_GENRE = 'ACTION';
```

Messages
12:07:47 AM   Started executing query at Line 1
              (2 rows affected)
              Total execution time: 00:00:00.036

```sql
SELECT MOVIE_NUM, MOVIE_TITLE, MOVIE_YEAR, MOVIE_COST, MOVIE_GENRE, PRICE_CODE
  FROM MOVIE
  WHERE MOVIE_GENRE = 'ACTION';
```

	MOVIE_NUM	MOVIE_TITLE	MOVIE_YEAR	MOVIE_COST	MOVIE_GENRE	PRICE_CODE
1	1235	Smokey Mountain	2013	59.95	Action	3
2	1245	Time to Burn	2014	45.49	Action	3

51.

```sql
UPDATE PRICE
  SET PRICE_RENTFEE = PRICE_RENTFEE+.5
  WHERE PRICE_RENTFEE >= 0 ;
```

Messages
12:27:33 AM   Started executing query at Line 1
              (4 rows affected)
              Total execution time: 00:00:00.118

```sql
SELECT *
  FROM PRICE ;
```

	PRICE_CODE	PRICE_DESCRIPTION	PRICE_RENTFEE	PRICE_DAILYLATEFEE
1	1	Standard	2.50	1.00
2	2	New Release	4.00	3.00
3	3	Discount	2.00	1.00
4	4	Weekly Special	1.50	0.50

RELATIONAL DIAGRAM

MEMBERSHIP
- 🔑 MEM_NUM
- MEM_FNAME
- MEM_LNAME
- MEM_STREET
- MEM_CITY
- MEM_STATE
- MEM_ZIP
- MEM_BALANCE

RENTAL
- 🔑 RENT_NUM
- RENT_DATE
- MEM_NUM

DETAILRENTAL
- 🔑 RENT_NUM
- 🔑 VID_NUM
- DETAIL_FEE
- DETAIL_DUEDATE
- DETAIL_RETURNDATE
- DETAIL_DAILYLATEFEE

PRICE
- 🔑 PRICE_CODE
- PRICE_DESCRIPTION
- PRICE_RENTFEE
- PRICE_DAILYLATEFEE

MOVIE
- 🔑 MOVIE_NUM
- MOVIE_TITLE
- MOVIE_YEAR
- MOVIE_COST
- MOVIE_GENRE
- PRICE_CODE

VIDEO
- 🔑 VID_NUM
- VID_INDATE
- MOVIE_NUM