

## Answer 3.3

### Step 1

1


SELECT \* FROM category;


2


Data output


Messages


Notifications

















	category_id [PK] integer	name character varying (25)	last_update timestamp without time zone
1	1	Action	2006-02-15 09:46:27
2	2	Animation	2006-02-15 09:46:27
3	3	Children	2006-02-15 09:46:27
4	4	Classics	2006-02-15 09:46:27
5	5	Comedy	2006-02-15 09:46:27
6	6	Documentary	2006-02-15 09:46:27
7	7	Drama	2006-02-15 09:46:27
8	8	Family	2006-02-15 09:46:27
9	9	Foreign	2006-02-15 09:46:27
10	10	Games	2006-02-15 09:46:27
11	11	Horror	2006-02-15 09:46:27
12	12	Music	2006-02-15 09:46:27
13	13	New	2006-02-15 09:46:27
14	14	Sci-Fi	2006-02-15 09:46:27
15	15	Sports	2006-02-15 09:46:27
16	16	Travel	2006-02-15 09:46:27

### Step 2

      		
category_id [PK] integer	name character varying (25)	last_update timestamp without time zone
/	Drama	2006-02-15 09:46:27
8	Family	2006-02-15 09:46:27
9	Foreign	2006-02-15 09:46:27
10	Games	2006-02-15 09:46:27
11	Horror	2006-02-15 09:46:27
12	Music	2006-02-15 09:46:27
13	New	2006-02-15 09:46:27
14	Sci-Fi	2006-02-15 09:46:27
15	Sports	2006-02-15 09:46:27
16	Travel	2006-02-15 09:46:27
17	War	2022-08-15 12:48:06.10904
18	Crime	2022-08-15 12:48:06.10904
19	Mystery	2022-08-15 12:48:06.10904
20	Romance	2022-08-15 12:48:06.10904
21	War	2022-08-15 12:48:06.10904
22	War	2022-08-15 12:48:32.884067
23	Crime	2022-08-15 12:48:32.884067
24	Mystery	2022-08-15 12:48:32.884067
25	Romance	2022-08-15 12:48:32.884067
26	War	2022-08-15 12:48:32.884067

Not NULL – There are no numbers missing from any columns

- Category\_id is integer and not null
- Name is text and not null
- Last\_update is timestamped with a time zone and not null

### **Step 3**

film_id	
[PK] integer	
1	5

category_id	
smallint	
1	8

```
UPDATE film_category
```

```
SET category_id = 17
```

```
WHERE film_id = 5;
```

### **Step 4**

```
DELETE FROM category
```

```
WHERE category_id = 19;
```

Or

```
DELETE FROM category
```

```
Where name = 'Mystery';
```

### **Step 5**

SQL is easier to manipulate and doing this in Excel would be more time consuming. There is more potential for a larger data set in SQL as well. In a previous assignment my excel sheets took a while to download.

### **Bonus**

CREATE TBL employees

(

employee\_id VARCHAR(30) NOT NULL

name VARCHAR(50),

contact\_number VARCHAR(30),

designation\_id INT,

last\_update TIMESTAMP NOT NULL DEFAULT now(),

CONSTRAIN employee\_pkey PRIMARY KEY (employee\_id));