Name: Andrew Brashich   ID:20150084
Please provide your SQL Code for Exercises 1-15 described above.
OUTPUT for Exercise 1 [0.5 marks]
SELECT * FROM Movie ORDER BY mvPrice DESC;

```
+------+-------+-------------------------------+---------+--------+-----------+-------------+
| mvID | actID | mvTitle                       | mvPrice | mvYear | mvGenre   | mvNumScenes |
+------+-------+-------------------------------+---------+--------+-----------+-------------+
|    9 |     7 | Coming to Europe              |   12.99 |   2001 | Adventure |        NULL |
|    5 |     4 | I knew you were waiting for me |  12.25 |   1997 | Comedy    |        NULL |
|    1 |     2 | Die hard with a Vengeance     |   12.24 |   1999 | Action    |        NULL |
|    6 |     5 | The Black Panther             |   10.99 |   2018 | Action    |        NULL |
|   10 |     8 | The midnight                  |   10.99 |   2019 | Drama     |        NULL |
|    4 |     3 | Freeway of Love               |    9.99 |   2018 | Drama     |        NULL |
|    3 |     1 | Snake on a Plane              |    9.99 |   2011 | Comedy    |        NULL |
|    7 |     6 | The Jungle book               |    9.99 |   2015 | Adventure |        NULL |
|    2 |     2 | Black Snake Moan              |    9.99 |   2007 | Adventure |        NULL |
|    8 |     7 | Infinity War                  |     8.5 |   1975 | Horror    |        NULL |
+------+-------+-------------------------------+---------+--------+-----------+-------------+
```

OUTPUT for Exercise 2 [0.5 marks]
SELECT * FROM Movie ORDER BY mvPrice ASC;

```
+------+-------+-------------------------------+---------+--------+-----------+-------------+
| mvID | actID | mvTitle                       | mvPrice | mvYear | mvGenre   | mvNumScenes |
+------+-------+-------------------------------+---------+--------+-----------+-------------+
|    8 |     7 | Infinity War                  |     8.5 |   1975 | Horror    |        NULL |
|    2 |     2 | Black Snake Moan              |    9.99 |   2007 | Adventure |        NULL |
|    3 |     1 | Snake on a Plane              |    9.99 |   2011 | Comedy    |        NULL |
|    4 |     3 | Freeway of Love               |    9.99 |   2018 | Drama     |        NULL |
|    7 |     6 | The Jungle book               |    9.99 |   2015 | Adventure |        NULL |
|   10 |     8 | The midnight                  |   10.99 |   2019 | Drama     |        NULL |
|    6 |     5 | The Black Panther             |   10.99 |   2018 | Action    |        NULL |
|    1 |     2 | Die hard with a Vengeance     |   12.24 |   1999 | Action    |        NULL |
|    5 |     4 | I knew you were waiting for me |  12.25 |   1997 | Comedy    |        NULL |
|    9 |     7 | Coming to Europe              |   12.99 |   2001 | Adventure |        NULL |
+------+-------+-------------------------------+---------+--------+-----------+-------------+
```
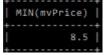
OUTPUT for Exercise 3 [0.5 marks]
SELECT * FROM Movie ORDER BY mvTitle, mvGenre, mvPrice DESC;

```
+------+-------+-------------------------------+---------+--------+-----------+-------------+
| mvID | actID | mvTitle                       | mvPrice | mvYear | mvGenre   | mvNumScenes |
+------+-------+-------------------------------+---------+--------+-----------+-------------+
|    2 |     2 | Black Snake Moan              |    9.99 |   2007 | Adventure |        NULL |
|    9 |     7 | Coming to Europe              |   12.99 |   2001 | Adventure |        NULL |
|    1 |     2 | Die hard with a Vengeance     |   12.24 |   1999 | Action    |        NULL |
|    4 |     3 | Freeway of Love               |    9.99 |   2018 | Drama     |        NULL |
|    5 |     4 | I knew you were waiting for me |  12.25 |   1997 | Comedy    |        NULL |
|    8 |     7 | Infinity War                  |     8.5 |   1975 | Horror    |        NULL |
|    3 |     1 | Snake on a Plane              |    9.99 |   2011 | Comedy    |        NULL |
|    6 |     5 | The Black Panther             |   10.99 |   2018 | Action    |        NULL |
|    7 |     6 | The Jungle book               |    9.99 |   2015 | Adventure |        NULL |
|   10 |     8 | The midnight                  |   10.99 |   2019 | Drama     |        NULL |
+------+-------+-------------------------------+---------+--------+-----------+-------------+
```

OUTPUT for Exercise 4 [0.5 marks]
SELECT MIN(mvPrice) FROM Movie;

```
+--------------+
| MIN(mvPrice) |
+--------------+
|          8.5 |
+--------------+
```

OUTPUT for Exercise 5 [0.5 marks]
SELECT mvPrice, COUNT(*) FROM Movie GROUP BY mvPrice HAVING mvPrice = 9.99;

```
+---------+----------+
| mvPrice | COUNT(*) |
+---------+----------+
|    9.99 |        4 |
+---------+----------+
```
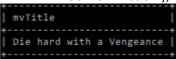
OUTPUT for Exercise 6 [0.5 marks]
SELECT mvTitle FROM Movie WHERE mvPrice = (SELECT MAX(mvPrice) FROM Movie
WHERE mvGenre = 'Action');

```
+---------------------------+
| mvTitle                   |
+---------------------------+
| Die hard with a Vengeance |
+---------------------------+
```

OUTPUT for Exercise 7 [0.5 marks]
SELECT COUNT(DISTINCT mvGenre) FROM Movie;

```
+------------------------+
| COUNT(DISTINCT mvGenre) |
+------------------------+
|                      5 |
+------------------------+
```

OUTPUT for Exercise 8 [0.5 marks]
SELECT * FROM Movie WHERE mvPrice = (SELECT MIN(mvPrice) FROM Movie);

```
+------+-------+-------------+---------+--------+---------+-------------+
| mvID | actID | mvTitle     | mvPrice | mvYear | mvGenre | mvNumScenes |
+------+-------+-------------+---------+--------+---------+-------------+
|    8 |     7 | Infinity War |     8.5 |   1975 | Horror  |        NULL |
+------+-------+-------------+---------+--------+---------+-------------+
```

OUTPUT for Exercise 9 [0.5 marks]
SELECT actName as Name, COUNT(*) AS Count, AVG(mvPrice) FROM Movie, Actor WHERE Movie.actID
= Actor.actID GROUP BY Movie.actID HAVING Count
> 1;

```
+--------------+-------+--------------------+
| Name         | Count | AVG(mvPrice)       |
+--------------+-------+--------------------+
| Barry Nelson |     2 |             11.115 |
| Laura Dern   |     2 | 10.745000000000001 |
+--------------+-------+--------------------+
```

OUTPUT for Exercise 10 [0.5 marks]
SELECT actName as Name, COUNT(*) AS Count, AVG(mvPrice) FROM Movie, Actor WHERE Movie.actID
= Actor.actID AND NOT mvGenre = 'Drama' GROUP BY Movie.actID;

```
+------------------+-------+--------------------+
| Name             | Count | AVG(mvPrice)       |
+------------------+-------+--------------------+
| Arethan Franklin |     1 |               9.99 |
| Barry Nelson     |     2 |             11.115 |
| Daniel Craig     |     1 |              12.25 |
| James Bond       |     1 |              10.99 |
| Jonny Walker     |     1 |               9.99 |
| Laura Dern       |     2 | 10.745000000000001 |
+------------------+-------+--------------------+
```