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CSIS 1500
Movie Database Queries

mysql> USE MOVIE
Database changed

mysql> -- Question 1

mysql> SELECT movieID, title, year, DVDPrice FROM movie WHERE DVDPrice = discountPrice;

movieID	title	year	DVDPrice
3	Dirty Harry	1971	16.99
11	Naked City, The	1948	29.99
13	Sudden Impact	1983	9.99
16	Wizard of Oz, The	1939	22.99
17	Tootsie	1982	14.99
18	Mrs. Doubtfire	1993	14.99

6 rows in set (0.00 sec)

mysql> -- Question 2

mysql> SELECT actorID, lastName, firstName, middleName, suffix FROM actor WHERE middleName IS NOT NULL;

actorID	lastName	firstName	middleName	suffix
33	Humphreys	Michael	Conner	NULL
52	Osment	Haley	Joel	NULL
81	Jones	Tommy	Lee	NULL
98	Abraham	F.	Murray	NULL

4 rows in set (0.00 sec)

mysql> -- Question 3

mysql> SELECT * FROM quote WHERE quoteText LIKE '%Play%';

quoteID	quoteText
2	Play it, Sam. Play "As Time Goes By."

1 row in set (0.00 sec)

mysql> -- Question 4

mysql> SELECT roleID, roleName FROM role WHERE roleName LIKE '%Joker%';

roleID	roleName
97	The Joker

1 row in set (0.00 sec)

mysql> -- Question 5

mysql> SELECT movieID, title, year, totalNoms FROM movie WHERE totalNoms > 5 AND year < 1950;

movieID	title	year	totalNoms
2	Casablanca	1943	8
9	Gone with the Wind	1939	15

+-----+-----+-----+
2 rows in set (0.00 sec)

mysql> -- Question 6

mysql> SELECT movieId, title, year, awardsWon FROM movie WHERE awardsWon > 5 OR year > 1990;

movieId	title	year	awardsWon
1	Apollo 13	1995	2
4	Few Good Men, A	1992	0
7	Forrest Gump	1994	6
9	Gone with the Wind	1939	10
10	Jerry Maguire	1996	1
12	Sixth Sense, The	1999	0
15	Terminator 2: Judgment Day	1991	4
18	Mrs. Doubtfire	1993	1
20	Batman Returns	1992	0
21	Batman Forever	1995	0
22	Batman & Robin	1997	0
23	Batman Begins	2005	0
24	Amadeus	1984	8

+-----+-----+-----+
13 rows in set (0.00 sec)

mysql> -- Question 7

mysql> SELECT movieId, title, year, discountPrice FROM movie WHERE discountPrice BETWEEN 15 AND 20;

movieId	title	year	discountPrice
3	Dirty Harry	1971	16.99
9	Gone with the Wind	1939	17.99
22	Batman & Robin	1997	15.99

+-----+-----+-----+
3 rows in set (0.00 sec)

mysql> -- Question 8

mysql> SELECT movieID, title, year, (totalNoms - awardsWon) as nominatedButNotWon FROM movie;

movieID	title	year	nominatedButNotWon
1	Apollo 13	1995	7
2	Casablanca	1943	5
3	Dirty Harry	1971	0
4	Few Good Men, A	1992	4
5	Field of Dreams	1989	3
6	Fly, The	1986	0
7	Forrest Gump	1994	7
8	Godfather, The	1972	7
9	Gone with the Wind	1939	5
10	Jerry Maguire	1996	4
11	Naked City, The	1948	1
12	Sixth Sense, The	1999	6
13	Sudden Impact	1983	0
14	Terminator, The	1984	0
15	Terminator 2: Judgment Day	1991	2
16	Wizard of Oz, The	1939	3
17	Tootsie	1982	9
18	Mrs. Doubtfire	1993	0

19	Batman	1989	0
20	Batman Returns	1992	2
21	Batman Forever	1995	3
22	Batman & Robin	1997	0
23	Batman Begins	2005	1
24	Amadeus	1984	3

24 rows in set (0.00 sec)

mysql> -- Question 9

mysql> SELECT movieID, title, year, (discountPrice - discountPrice*.10) as myPrice FROM movie;

movieID	title	year	myPrice
1	Apollo 13	1995	8.9910
2	Casablanca	1943	13.4910
3	Dirty Harry	1971	15.2910
4	Few Good Men, A	1992	8.9910
5	Field of Dreams	1989	8.9910
6	Fly, The	1986	13.4910
7	Forrest Gump	1994	8.9910
8	Godfather, The	1972	8.9910
9	Gone with the Wind	1939	16.1910
10	Jerry Maguire	1996	8.9910
11	Naked City, The	1948	26.9910
12	Sixth Sense, The	1999	8.9910
13	Sudden Impact	1983	8.9910
14	Terminator, The	1984	8.9910
15	Terminator 2: Judgment Day	1991	7.1910
16	Wizard of Oz, The	1939	20.6910
17	Tootsie	1982	13.4910
18	Mrs. Doubtfire	1993	13.4910
19	Batman	1989	22.4910
20	Batman Returns	1992	22.4910
21	Batman Forever	1995	22.4910
22	Batman & Robin	1997	14.3910
23	Batman Begins	2005	8.9910
24	Amadeus	1984	13.4910

24 rows in set (0.00 sec)

mysql> -- Question 10

mysql> SELECT gender, COUNT(gender) as Count from actor GROUP by gender;

gender	Count
F	36
M	64

2 rows in set (0.01 sec)

mysql> -- Question 11

mysql> SELECT totalNoms, MAX(awardsWon) as maxAwards from movie GROUP BY totalNoms ORDER BY 'maxAwards' ASC;

totalNoms	maxAwards
9	2

8	3
0	0
4	0
3	2
1	1
13	6
10	3
15	10
5	2
6	4
2	0
11	8

+-----+-----+
13 rows in set (0.00 sec)

mysql> -- Question 12

mysql> SELECT company, year, SUM(awardsWon) FROM movie GROUP BY company, year;

company	year	SUM(awardsWon)
20th Century Fox	1993	1
Albert S. Ruddy	1972	3
Brooksfilms Limited	1986	1
CarolCo Pictures	1991	4
Castle Rock Entertainment	1992	0
Gordon Company	1989	0
Hemdale Film	1984	0
Imagine Entertainment and Universal Pictures	1995	2
Kennedy/Marshall/Barry Mendel	1999	0
Mark Hellinger	1948	2
Metro-Goldwyn-Mayer	1939	2
Mirage Punch	1982	1
Saul Zaentz Company	1984	8
Selznick International Pictures	1939	10
Steve Tisch/Wendy Finerman	1994	6
The Malpaso Company	1971	0
The Malpaso Company	1983	0
TriStar Pictures	1996	1
Warner Brothers	1943	3
Warner Brothers	1989	1
Warner Brothers	1992	0
Warner Brothers	1995	0
Warner Brothers	1997	0
Warner Brothers	2005	0

+-----+-----+
24 rows in set (0.00 sec)

mysql> -- Question 13

mysql> SELECT actorID, lastName, firstName, middleName, suffix, birthDate FROM actor WHERE gender = "F" ORDER BY birthDate;

actorID	lastName	firstName	middleName	suffix	birthDate
68	Blandick	Clara	NULL	NULL	1880-06-04
66	Burke	Billie	NULL	NULL	1885-08-07
44	McDaniel	Hattie	NULL	NULL	1895-06-10
67	Hamilton	Margaret	NULL	NULL	1902-12-09
42	O'Neil	Barbara	NULL	NULL	1909-07-10

45	McQueen	Butterfly	NULL	NULL	1911-01-08
8	Bergman	Ingrid	NULL	NULL	1913-08-29
43	Leigh	Vivien	NULL	NULL	1913-11-05
61	Garland	Judy	NULL	NULL	1922-06-10
72	Garr	Teri	NULL	NULL	1944-12-11
39	Keaton	Diane	NULL	NULL	1946-01-05
40	Shire	Talia	NULL	NULL	1946-04-25
32	Field	Sally	NULL	NULL	1946-11-06
55	Locke	Sondra	NULL	NULL	1947-05-28
71	Lange	Jessica	NULL	NULL	1949-04-20
24	Madigan	Amy	NULL	NULL	1950-09-11
77	Basinger	Kim	NULL	NULL	1953-12-08
6	Quinlan	Kathleen	NULL	NULL	1954-11-19
28	Davis	Geena	NULL	NULL	1957-01-21
58	Hamilton	Linda	NULL	NULL	1957-09-26
79	Pfeiffer	Michelle	NULL	NULL	1958-04-29
99	Berridge	Elizabeth	NULL	NULL	1962-05-02
49	Preston	Kelly	NULL	NULL	1962-10-13
20	Moore	Demi	NULL	NULL	1962-11-11
90	Macpherson	Elle	NULL	NULL	1963-03-29
86	Mazar	Debi	NULL	NULL	1964-08-15
30	Wright	Robin	NULL	NULL	1966-04-08
83	Kidman	Nicole	NULL	NULL	1967-06-20
54	Williams	Olivia	NULL	NULL	1968-07-26
48	Zellweger	Renee	NULL	NULL	1969-04-25
88	Thurman	Uma	NULL	NULL	1970-04-29
53	Collette	Toni	NULL	NULL	1972-11-01
85	Barrymore	Drew	NULL	NULL	1975-02-22
89	Silverstone	Alicia	NULL	NULL	1976-10-04
94	Holmes	Katie	NULL	NULL	1978-12-18
25	Hoffman	Gaby	NULL	NULL	1982-01-08

+-----+-----+-----+-----+-----+

36 rows in set (0.00 sec)

mysql> -- Question 14

mysql> SELECT movieID, title, year, dvdPrice, (dvdPrice/2) as halfSale FROM movie WHERE dvdPrice >= 20;

movieID	title	year	dvdPrice	halfSale
11	Naked City, The	1948	29.99	14.995000
16	Wizard of Oz, The	1939	22.99	11.495000
19	Batman	1989	26.99	13.495000
20	Batman Returns	1992	26.99	13.495000
21	Batman Forever	1995	26.99	13.495000

+-----+-----+-----+-----+-----+

5 rows in set (0.00 sec)

mysql> -- Question 15

mysql> SELECT SUM(discountPrice) as sumOfDiscount FROM movie WHERE year > 1979;

sumOfDiscount
248.82

+-----+

1 row in set (0.00 sec)

mysql> -- Question 16

mysql> SELECT awardsWon, AVG(discountPrice) FROM movie WHERE year < 1980 GROUP BY awardsWon;

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+-----+-----+
| awardsWon | AVG(discountPrice) |
+-----+-----+
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```
| 0 | 16.990000 |
| 2 | 26.490000 |
| 3 | 12.490000 |
| 10 | 17.990000 |
+-----+-----+
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4 rows in set (0.00 sec)

mysql> -- Question 17

mysql> SELECT movie.movieID, movie.title, movie.year, role.roleID, role.roleName FROM movie INNER JOIN role on movie.movieID = role.movieID WHERE role.gender = "F";

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+-----+-----+-----+-----+-----+
| movieID | title                | year | roleID | roleName                |
+-----+-----+-----+-----+-----+
| 16 | Wizard of Oz, The    | 1939 | 1 | Dorothy Gale            |
| 16 | Wizard of Oz, The    | 1939 | 6 | Glinda, the Good Witch of the North |
| 16 | Wizard of Oz, The    | 1939 | 7 | The Wicked Witch of the West      |
| 16 | Wizard of Oz, The    | 1939 | 8 | Auntie Em                    |
| 9 | Gone with the Wind   | 1939 | 11 | Ellen O'Hara                 |
| 9 | Gone with the Wind   | 1939 | 12 | Scarlett O'Hara               |
| 9 | Gone with the Wind   | 1939 | 13 | Mammy                        |
| 9 | Gone with the Wind   | 1939 | 14 | Prissy                       |
| 2 | Casablanca           | 1943 | 17 | Ilsa Lund (Laszlo)           |
| 8 | Godfather, The       | 1972 | 33 | Kay Adams                   |
| 8 | Godfather, The       | 1972 | 34 | Connie Corleone Rizzi        |
| 13 | Sudden Impact       | 1983 | 36 | Jennifer Spencer            |
| 14 | Terminator, The      | 1984 | 39 | Sarah Connor                |
| 6 | Fly, The             | 1986 | 41 | Veronica Quaife             |
| 5 | Field of Dreams      | 1989 | 44 | Annie Kinsella              |
| 5 | Field of Dreams      | 1989 | 45 | Karin Kinsella              |
| 15 | Terminator 2: Judgment Day | 1991 | 48 | Sarah Connor                |
| 4 | Few Good Men, A      | 1992 | 53 | Lieutenant Commander JoAnne Galloway |
| 7 | Forrest Gump          | 1994 | 58 | Jenny Curran                |
| 7 | Forrest Gump          | 1994 | 61 | Mrs. Gump                   |
| 1 | Apollo 13            | 1995 | 68 | Marilyn Lovell              |
| 10 | Jerry Maguire         | 1996 | 71 | Dorothy Boyd                |
| 10 | Jerry Maguire         | 1996 | 72 | Avery Bishop                 |
| 12 | Sixth Sense, The     | 1999 | 75 | Lynn Sear                   |
| 12 | Sixth Sense, The     | 1999 | 76 | Anna Crowe                  |
| 17 | Tootsie              | 1982 | 78 | Dorothy Michaels (Tootsie)    |
| 17 | Tootsie              | 1982 | 79 | Julie Nichols                |
| 17 | Tootsie              | 1982 | 80 | Sandy Lester                 |
| 18 | Mrs. Doubtfire        | 1993 | 82 | Mrs. Doubtfire               |
| 18 | Mrs. Doubtfire        | 1993 | 83 | Miranda Hillard              |
| 16 | Wizard of Oz, The    | 1939 | 93 | Elmira Gulch                 |
| 16 | Wizard of Oz, The    | 1939 | 94 | The Wicked Witch of the East  |
| 19 | Batman                | 1989 | 99 | Vicki Hale                   |
| 20 | Batman Returns        | 1992 | 104 | Catwoman                     |
| 20 | Batman Returns        | 1992 | 105 | Selina Kyle                   |
| 21 | Batman Forever        | 1995 | 112 | Dr. Chase Meridian           |
| 21 | Batman Forever        | 1995 | 115 | Sugar                         |
| 21 | Batman Forever        | 1995 | 116 | Spice                         |
| 22 | Batman & Robin        | 1997 | 123 | Poison Ivy                   |
| 22 | Batman & Robin        | 1997 | 124 | Dr. Pamela Isley             |
| 22 | Batman & Robin        | 1997 | 125 | Batgirl                      |
| 22 | Batman & Robin        | 1997 | 126 | Barbara Wilson               |
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22	Batman & Robin	1997	127	Julie Madison
23	Batman Begins	2005	132	Rachel Dawes
24	Amadeus	1984	137	Constanze Mozart

45 rows in set (0.00 sec)

mysql> -- Question 18

mysql> SELECT rolequote.roleID, quote.quoteID, quote.quoteText FROM quote INNER JOIN rolequote ON rolequote.quoteID = quote.quoteID WHERE rolequote.roleID = "1" OR rolequote.roleID = "3";

roleID	quoteID	quoteText
1	31	Toto, I have a feeling we're not in Kansas anymore.
1	33	Lions and tigers and bears, oh my!
1	36	There's no place like home.
3	33	Lions and tigers and bears, oh my!

4 rows in set (0.01 sec)

mysql> -- Question 19

mysql> SELECT movie.title, NUM(role.roleID) WHERE movie.movieID = role.movieID GROUP BY movie.title WHERE COUNT > 6;

ERROR 1064 (42000): You have an error in your SQL syntax; check the manual that corresponds to your MySQL server version for the right syntax to use near 'WHERE movie.movieID = role.movieID GROUP BY movie.title WHERE COUNT > 6' at line 1

mysql> SELECT movie.title, NUM(role.roleID) WHERE movie.movieID = role.movieID AND COUNT > 6 GROUP BY movie.title;

ERROR 1064 (42000): You have an error in your SQL syntax; check the manual that corresponds to your MySQL server version for the right syntax to use near 'WHERE movie.movieID = role.movieID AND COUNT > 6 GROUP BY movie.title' at line 1

mysql> SELECT movie.title, NUM(role.roleID) WHERE movie.movieID = role.movieID GROUP BY movie.title WHERE COUNT(role.roleID > 6);

ERROR 1064 (42000): You have an error in your SQL syntax; check the manual that corresponds to your MySQL server version for the right syntax to use near 'WHERE movie.movieID = role.movieID GROUP BY movie.title WHERE COUNT(role.roleID > 6)' at line 1

mysql> SELECT movie.title, NUM(role.roleID) WHERE movie.movieID = role.movieID GROUP BY movie.title WHERE role.roleID > 6;

ERROR 1064 (42000): You have an error in your SQL syntax; check the manual that corresponds to your MySQL server version for the right syntax to use near 'WHERE movie.movieID = role.movieID GROUP BY movie.title WHERE role.roleID > 6' at line 1

mysql> -- I can't figure out what's wrong with this one, I was certain it would work.

mysql>

mysql> -- Question 20

mysql> SELECT MAX(dvdPrice) FROM movie INNER JOIN role on movie. movieID = role.movieID WHERE role.actorID = 1;

MAX(dvdPrice)
14.99

1 row in set (0.00 sec)

mysql> quit