Compte Rendu TP2

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a)SELECT Popularity FROM Films WHERE Title='Batman';

```
mysql> SELECT Popularity FROM Films WHERE Title='Batman';
+------------+
| Popularity |
+------------+
|         14 |
+------------+
```

b) SELECT Length FROM Films WHERE Films.Title LIKE 'E. T%';

```
mysql> SELECT Length FROM Films WHERE (Films.Title LIKE 'E. T.%');
+--------+
| Length |
+--------+
|    115 |
+--------+
```

c)SELECT DISTINCT Director FROM Films;

```
mysql> SELECT DISTINCT Director FROM Films;
+----------------------------+
| Director                   |
+----------------------------+
| Almodovar, Pedro           |
| Cronenberg, David          |
| Lester, Richard            |
| Malick, Terrence           |
| Glen, John                 |
| Loma, Jose Antonie de la   |
| Sebastian, Beverly         |
| Besson, Luc                |
| Nuytten, Bruno             |
| Bergman, Ingmar            |
| Bertolucci, Bernardo       |
| Lelouch, Claude            |
| Puenzo, Luiz               |
| Kulik, Buzz                |
| Hitchcock, Alfred          |
| Ford, John                 |
| Coppola, Francis Ford      |
| Donner, Richard            |
```

d) SELECT * FROM Films WHERE Director='Hitchcock, Alfred';

ou SELECT Title FROM Films WHERE Director='Hitchcock, Alfred';

```
mysql> SELECT * FROM Films WHERE Director='Hitchcock, Alfred';
+------+------+--------+-------------------------------+-----------------+------------------+------------+--------+
| id   | year | length | Title                         | Subject         | Director         | Popularity | Awards |
+------+------+--------+-------------------------------+-----------------+------------------+------------+--------+
|   18 | 1929 |     84 | Blackmail                     | Mystery         | Hitchcock, Alfred |          2 |      0 |
|   46 | 1966 |    125 | Torn Curtain                  | Mystery         | Hitchcock, Alfred |         35 |      0 |
|   74 | 1926 |     66 | Lodger (Story of the London Fog) | Mystery      | Hitchcock, Alfred |         76 |      0 |
|  105 | 1932 |     92 | Rich & Strange                | Drama           | Hitchcock, Alfred |         57 |      0 |
|  149 | 1949 |    117 | Under Capricorn               | Drama           | Hitchcock, Alfred |         74 |      0 |
|  150 | 1946 |    101 | Notorious                     | Mystery         | Hitchcock, Alfred |         42 |      0 |
|  238 | 1936 |     84 | Secret Agent                  | Mystery         | Hitchcock, Alfred |         50 |      0 |
|  274 | 1948 |     81 | Rope                          | Drama           | Hitchcock, Alfred |         39 |      0 |
|  312 | 1956 |    120 | Man Who Knew Too Much, The    | Mystery         | Hitchcock, Alfred |         15 |      0 |
|  314 | 1940 |    120 | Foreign Correspondent         | Mystery         | Hitchcock, Alfred |         61 |      0 |
|  420 | 1940 |    130 | Rebecca                       | Drama           | Hitchcock, Alfred |         78 |      1 |
|  477 | 1932 |     66 | Number Seventeen              | Crime           | Hitchcock, Alfred |         66 |      0 |
|  534 | 1964 |    130 | Marnie                        | Drama           | Hitchcock, Alfred |          2 |      0 |
|  603 | 1927 |     60 | Easy Virtue                   | Mystery         | Hitchcock, Alfred |         45 |      0 |
|  641 | 1955 |    103 | To Catch a Thief              | Mystery         | Hitchcock, Alfred |         69 |      0 |
|  642 | 1954 |    113 | Rear Window                   | Mystery         | Hitchcock, Alfred |         25 |      0 |
|  696 | 1960 |    109 | Psycho                        | Horror          | Hitchcock, Alfred |         56 |      0 |
|  709 | 1938 |     96 | Lady Vanishes                 | Mystery         | Hitchcock, Alfred |         27 |      0 |
|  713 | 1941 |     95 | Mr. & Mrs. Smith              | Comedy          | Hitchcock, Alfred |          3 |      0 |
|  860 | 1955 |    100 | Trouble with Harry, The       | Mystery         | Hitchcock, Alfred |         28 |      0 |
|  880 | 1958 |    128 | Vertigo                       | Drama           | Hitchcock, Alfred |         10 |      0 |
|  889 | 1939 |     94 | Jamaica Inn                   | Drama           | Hitchcock, Alfred |         75 |      0 |
|  896 | 1929 |    129 | Manxman, The                  | Drama           | Hitchcock, Alfred |         65 |      0 |
|  990 | 1951 |    101 | Strangers on a Train          | Mystery         | Hitchcock, Alfred |         17 |      0 |
| 1020 | 1991 |    135 | North by Northwest            | Mystery         | Hitchcock, Alfred |         20 |      0 |
| 1059 | 1936 |     77 | Sabotage                      | Mystery         | Hitchcock, Alfred |         74 |      0 |
| 1272 | 1943 |    108 | Shadow of a Doubt             | Drama           | Hitchcock, Alfred |         32 |      0 |
| 1274 | 1950 |    110 | Stage Fright                  | Mystery         | Hitchcock, Alfred |         72 |      0 |
| 1355 | 1953 |     95 | I Confess                     | Drama           | Hitchcock, Alfred |         63 |      0 |
| 1356 | 1935 |     88 | Thirty-Nine Steps, The        | Science Fiction | Hitchcock, Alfred |          8 |      0 |
| 1357 | 1969 |    126 | Topaz                         | Mystery         | Hitchcock, Alfred |         12 |      0 |
| 1358 | 1930 |     95 | Murder                        | Mystery         | Hitchcock, Alfred |         50 |      0 |
| 1359 | 1954 |    123 | Dial M for Murder             | Mystery         | Hitchcock, Alfred |         52 |      0 |
| 1360 | 1937 |     80 | Young & Innocent              | Mystery         | Hitchcock, Alfred |         43 |      0 |
+------+------+--------+-------------------------------+-----------------+------------------+------------+--------+
34 rows in set (0.00 sec)
```

e) SELECT Title FROM Films WHERE Films.length IS NULL;

```
mysql> SELECT Title FROM Films WHERE Films.length IS NULL;
+-------------------------------------------+
| Title                                     |
+-------------------------------------------+
| Happy Birthday to Me                      |
| Dr. No                                    |
| Killjoy                                   |
| Catch a Rising Star, Tenth Anniversary    |
| Good Fellas                               |
| Mannequin                                 |
| Party, The                                |
| A Guy Named Joe                           |
| Range Feud, The                           |
| Coming Home                               |
| Five Corners                              |
| Blackboard Jungle, The                    |
| Mama's Dirty Girls                        |
| Why Me?                                   |
```

f) SELECT FILMS.TITLE FROM AJOUE,FILMS,ACTORS WHERE
AJOUE.IDACTOR=ACTORS.ID AND FILMS.ID=AJOUE.IDFILM AND
ACTORs.NAME='Cruise, Tom';

```
mysql> SELECT FILMS.TITLE FROM AJOUE,FILMS,ACTORS WHERE AJOUE.IDACTOR=ACTORS.ID AND FILMS.ID=AJOUE.IDFILM AND ACTORs.NAME='Cruise, Tom';
+------------------------+
| TITLE                  |
+------------------------+
| Risky Business         |
| Born on the Fourth of July |
| Days of Thunder        |
| Losin' It              |
| Top Gun                |
| Legend                 |
| Cocktail               |
| All the Right Moves    |
+------------------------+
8 rows in set (0.00 sec)
```

g) SELECT FILMS.TITLE,FILMS.POPULARITY FROM AJOUE,FILMS,ACTORS WHERE AJOUE.IDACTOR=ACTORS.ID AND FILMS.ID=AJOUE.IDFILM AND ACTORS.NAME='Roberts, Julia' ORDER BY POPULARITY DESC;

```
mysql> SELECT FILMS.TITLE,FILMS.POPULARITY FROM AJOUE,FILMS,ACTORS WHERE AJOUE.IDACTOR=ACTORS.ID AND FILMS.ID=AJOUE.IDFILM AND ACTORS.NAME='Roberts, Julia'  ORDER BY POPULARITY DESC;
+--------------+------------+
| TITLE        | POPULARITY |
+--------------+------------+
| Pretty Woman |         43 |
| Flatliners   |         19 |
| Hook         |          4 |
+--------------+------------+
3 rows in set (0.00 sec)
```

h) SELECT ACTORS.NAME FROM ACTORS WHERE ACTORS.ID NOT IN (SELECT IDACTOR FROM AJOUE);

```
mysql> SELECT  ACTORS.NAME FROM ACTORS WHERE ACTORS.ID NOT IN (SELECT IDACTOR FROM AJOUE);
+------------------------------+
| NAME                         |
+------------------------------+
| Hayworth, Rita               |
| Farrow, Mia                  |
| Hawn, Goldie                 |
| Pfeiffer, Michelle           |
| Loughlin, Lori               |
| Midler, Bette                |
| Mostel, Zero                 |
| Questel, Mae                 |
| Stapleton, Maureen           |
| Moyer, Tawny                 |
| Kellerman, Sally             |
| Lombard, Carole              |
| Rogers, Ginger               |
| Garbo, Greta                 |
| Funicello, Annette           |
| Ireland, Kathy               |
```

i)SELECT FILMS.TITLE FROM FILMS,ACTORS WHERE FILMS.DIRECTOR=ACTORS.NAME;

```
mysql> SELECT FILMS.TITLE FROM FILMS,ACTORS WHERE FILMS.DIRECTOR=ACTORS.NAME;
+---------------------------------------+
| TITLE                                 |
+---------------------------------------+
| Dead Zone, The                        |
| Blackmail                             |
| Tucker: The Man & His Dream           |
| Colors                                |
| Barbarian & the Geisha, The           |
| Torn Curtain                          |
| Tartuffe                              |
| A New Life                            |
| Lodger (Story of the London Fog)      |
| Elephant Man, The                     |
| Rich & Strange                        |
| Mother Lode                           |
```

j) SELECT COUNT(*) FROM FILMS;

```
mysql> SELECT COUNT(*) FROM FILMS;
+----------+
| COUNT(*) |
+----------+
|     1659 |
+----------+
1 row in set (0.02 sec)
```

k) SELECT MIN(year) FROM FILMS;

```
mysql> SELECT MIN(year) FROM FILMS;
+-----------+
| MIN(year) |
+-----------+
|      1920 |
+-----------+
1 row in set (0.00 sec)
```

l) SELECT * FROM FILMS WHERE FILMS.YEAR=1920;

```
mysql> SELECT * FROM FILMS WHERE FILMS.YEAR=1920;
+------+------+--------+---------+---------+-------------+------------+--------+
| id   | year | length | Title   | Subject | Director    | Popularity | Awards |
+------+------+--------+---------+---------+-------------+------------+--------+
| 1401 | 1920 |    137 | Spiders | Drama   | Lang, Fritz |         29 |      0 |
+------+------+--------+---------+---------+-------------+------------+--------+
1 row in set (0.00 sec)
```

m) SELECT COUNT(*) FROM FILMS WHERE SUBJECT='Action';

```
mysql> SELECT COUNT(*) FROM FILMS WHERE SUBJECT='Action';
+----------+
| COUNT(*) |
+----------+
|      205 |
+----------+
1 row in set (0.00 sec)
```

n) SELECT AVG(POPULARITY) FROM FILMS,AJOUE,ACTORS WHERE AJOUE.IDFILM=FILMS.ID AND ACTORS.ID=AJOUE.IDACTOR AND ACTORS.NAME='Willis, Bruce';

```
mysql> SELECT AVG(POPULARITY) FROM FILMS,AJOUE,ACTORS WHERE AJOUE.IDFILM=FILMS.ID AND ACTORS.ID=AJOUE.IDACTOR AND ACTORS.NAME='Willis, Bruce';
+-----------------+
| AVG(POPULARITY) |
+-----------------+
|         48.0000 |
+-----------------+
1 row in set (0.00 sec)
```

o) SELECT FILMS.TITLE,FILMS.LENGTH FROM FILMS,AJOUE,ACTORS WHERE AJOUE.IDFILM=FILMS.ID AND ACTORS.ID=AJOUE.IDACTOR AND ACTORS.NAME='Streep, Meryl' ORDER BY LENGTH DESC LIMIT 1;

```
mysql> SELECT FILMS.TITLE,FILMS.LENGTH FROM FILMS,AJOUE,ACTORS WHERE AJOUE.IDFILM=FILMS.ID AND ACTORS.ID=AJOUE.IDACTOR AND ACTORS.NAME='Streep, Meryl' ORDER BY LENGTH DESC LIMIT 1;
+-----------------+--------+
| TITLE           | LENGTH |
+-----------------+--------+
| Deer Hunter, The |   183 |
+-----------------+--------+
1 row in set (0.00 sec)
```

p) SELECT AVG(POPULARITY) FROM FILMS WHERE FILMS.SUBJECT='Comedy';

```
mysql> SELECT AVG(POPULARITY) FROM FILMS WHERE FILMS.SUBJECT='Comedy';
+-----------------+
| AVG(POPULARITY) |
+-----------------+
|         42.8286 |
+-----------------+
1 row in set (0.00 sec)
```

q) SELECT AVG(POPULARITY),SUBJECT FROM FILMS GROUP BY SUBJECT;

```
mysql> SELECT AVG(POPULARITY),SUBJECT FROM FILMS GROUP BY SUBJECT;
+-----------------+-----------------+
| AVG(POPULARITY) | SUBJECT         |
+-----------------+-----------------+
|         42.8286 | Comedy          |
|         46.5263 | Horror          |
|         38.9510 | Action          |
|         44.1503 | Drama           |
|         40.6916 | Mystery         |
|         42.5000 | Science Fiction |
|         46.1395 | Music           |
|         41.2941 | War             |
|         38.5000 | Westerns        |
|         44.2712 | Western         |
|         75.0000 |                 |
|         62.0000 | Short           |
|         63.5000 | Adventure       |
|         66.0000 | Crime           |
|         62.0000 | Romance         |
|         57.0000 | Fantasy         |
+-----------------+-----------------+
16 rows in set (0.00 sec)
```

r) SELECT ACTORS.NAME,AJOUE.IDACTOR FROM ACTORS,AJOUE WHERE ACTORS.ID=AJOUE.IDACTOR GROUP BY AJOUE.IDACTOR HAVING COUNT(*)>15;

```
mysql> SELECT ACTORS.NAME,AJOUE.IDACTOR FROM ACTORS,AJOUE WHERE ACTORS.ID=AJOUE.IDACTOR GROUP BY AJOUE.IDACTOR HAVING COUNT(*)>15;
+-------------------+---------+
| NAME              | IDACTOR |
+-------------------+---------+
| Brando, Marlon    |      82 |
| Connery, Sean     |     135 |
| Depardieu, Gerard |     181 |
| Eastwood, Clint   |     203 |
| Ford, Glenn       |     233 |
| Lancaster, Burt   |     405 |
| Newman, Paul      |     504 |
| Nicholson, Jack   |     507 |
| Sellers, Peter    |     632 |
| Tracy, Spencer    |     700 |
| Wayne, John       |     722 |
| Bergman, Ingrid   |     762 |
| Streep, Meryl     |     811 |
| Loren, Sophia     |     814 |
+-------------------+---------+
14 rows in set (0.01 sec)
```

s) SELECT * FROM FILMS WHERE FILMS.POPULARITY>(SELECT AVG(POPULARITY) FROM FILMS);

```
mysql> SELECT * FROM FILMS WHERE FILMS.POPULARITY>(SELECT AVG(POPULARITY) FROM FILMS);
+----+------+--------+----------------------------------+---------+-----------------------+------------+--------+
| id | year | length | Title                            | Subject | Director              | Popularity | Awards |
+----+------+--------+----------------------------------+---------+-----------------------+------------+--------+
|  1 | 1990 |    111 | Tie Me Up! Tie Me Down!          | Comedy  | Almodovar, Pedro      |         68 |      0 |
|  2 | 1991 |    113 | High Heels                       | Comedy  | Almodovar, Pedro      |         68 |      0 |
|  3 | 1983 |    104 | Dead Zone, The                   | Horror  | Cronenberg, David     |         79 |      0 |
|  6 | 1983 |    140 | Octopussy                        | Action  | Glen, John            |         68 |      0 |
| 11 | 1982 |    188 | Fanny and Alexander              | Drama   | Bergman, Ingmar       |         81 |      1 |
| 13 | 1966 |    103 | A Man & a Woman                  | Drama   | Lelouch, Claude       |         46 |      1 |
| 14 | 1986 |    112 | A Man & a Woman: Twenty Years Later | Drama | Lelouch, Claude      |         49 |      0 |
| 17 | 1976 |    150 | Lindbergh Kidnapping Case, The   | Drama   | Kulik, Buzz           |         51 |      0 |
| 19 | 1963 |    109 | Donovan's Reef                   | Comedy  | Ford, John            |         62 |      0 |
| 20 | 1988 |    110 | Tucker: The Man & His Dream      | Drama   | Coppola, Francis Ford |         68 |      0 |
| 24 | 1991 |    105 | Predator 2                       | Action  | Hopkins, Stephen      |         79 |      0 |
| 26 | 1990 |     97 | Zandalee                         | Drama   | Pillsbury, Sam        |         80 |      0 |
| 27 | 1988 |    108 | Miles from Home                  | Drama   | Sinise, Gary          |         53 |      0 |
```

t) SELECT * FROM FILMS ORDER BY LENGTH DESC LIMIT 3;

```
mysql> SELECT * FROM FILMS ORDER BY LENGTH DESC LIMIT 3;
+------+------+--------+---------------+---------+-------------------+------------+--------+
| id   | year | length | Title         | Subject | Director          | Popularity | Awards |
+------+------+--------+---------------+---------+-------------------+------------+--------+
|  393 | 1978 |    450 | Holocaust     | Drama   | Chomsky, Marvin J.|          1 |      0 |
| 1036 | 1968 |    360 | War & Peace   | Drama   | Bondarchuk, Sergei|         80 |      1 |
|  932 | 1988 |    360 | Little Dorrit | Drama   | Edzard, Christine |         12 |      0 |
+------+------+--------+---------------+---------+-------------------+------------+--------+
3 rows in set (0.00 sec)
```

u) SELECT DIRECTOR,COUNT(*) FROM FILMS WHERE DIRECTOR !='' GROUP BY DIRECTOR ORDER BY COUNT(*) DESC LIMIT 1;

```
mysql> SELECT DIRECTOR,COUNT(*) FROM FILMS WHERE DIRECTOR !='' GROUP BY DIRECTOR ORDER BY COUNT(*) DESC LIMIT 1;
+-------------------+----------+
| DIRECTOR          | COUNT(*) |
+-------------------+----------+
| Hitchcock, Alfred |       34 |
+-------------------+----------+
1 row in set (0.00 sec)
```

v) SELECT COUNT(*) FROM FILMS,AJOUE;

```
mysql> SELECT COUNT(*) FROM FILMS,AJOUE;
+----------+
| COUNT(*) |
+----------+
|  3424176 |
+----------+
1 row in set (0.01 sec)
```