

CMPT354 ASSIGNMENT 3/4 PART B

ZEESHAAN MANJI 301228629

a)

```
SELECT name, COUNT(*) as NumberOfMovies
FROM ActedIn
GROUP BY name
ORDER BY COUNT(*) DESC
```

	name	NumberOfMovies
1	Flowers, Bess	12
2	Hitchcock, Alfred (I)	10
3	Stewart, James (I)	9
4	Ford, Hamison (I)	8
5	Corrado, Gino	8
6	De Niro, Robert	8
7	Freeman, Morgan (I)	7
8	Famum, Franklyn	7
9	Guinness, Alec	7
10	Stevens, Bert (I)	7
11	Ratzenberger, John	7
12	Mann, Hank (I)	7
13	Moorhouse, Bert	7
14	O'Connor, Frank (I)	7
15	O'Brien, William H.	6
16	Miller, Harold (I)	6
17	Qualen, John	6
18	Hamis, Sam (II)	6
19	Duvall, Robert	6
20	Flaherty, Pat	6
21	Bond, Ward	6
22	Wilson, Harry (I)	6
23	Willis, Bruce	5
24	Wood, Elijah	5
25	Weaving, Hugo	5
26	Bogart, Humphrey	5
27	Bridge, Al	5
28	Bacon, Irving	5
29	Baker, Kenny (I)	5
30	David, Keith (I)	5
31	Buscemi, Steve	5
32	Caine, Michael (I)	5

✓ Query executed successfully.

b)

```
select A.name, COUNT(*) Count_NumberOfMovies
from Actors A, ActedIn B
where A.name=B.name
group by A.name
having count(*) >1
order by count(*) DESC
```

100 %

	name	Count_NumberOfMovies
1	Flowers, Bess	12
2	Hitchcock, Alfred (I)	10
3	Stewart, James (I)	9
4	Ford, Harrison (I)	8
5	Corrado, Gino	8
6	De Niro, Robert	8
7	Famum, Franklyn	7
8	Freeman, Morgan (I)	7
9	Guinness, Alec	7
10	Ratzenberger, John	7
11	Stevens, Bert (I)	7
12	Mann, Hank (I)	7
13	Moorhouse, Bert	7
14	O'Connor, Frank (I)	7
15	Miller, Harold (I)	6
16	O'Brien, William H.	6
17	Qualen, John	6
18	Wilson, Harry (I)	6
19	Flaherty, Pat	6
20	Duvall, Robert	6
21	Harris, Sam (II)	6
22	Bond, Ward	6
23	Bogart, Humphrey	5
24	Bacon, Irving	5
25	Baker, Kenny (I)	5
26	David, Keith (I)	5
27	Buscemi, Steve	5
28	Caine, Michael (I)	5
29	Bridge, Al	5
30	Cazale, John	5
31	Chaplin, Charles	5
32	Holden, William (I)	5

```

C) with ActorsMovies (name,numberMovies) as
(select A.name, count(*) as numberMovies
from ActedIn A ,Actors B
where A.name=B.name
group by A.name)
select name,numberMovies
from ActorsMovies
where numberMovies=(select max(numberMovies) from ActorsMovies);

```

	name	numberMovies
1	Flowers, Bess	12

d) `select DISTINCT A.title`
`from Movie A, Keywords B`
`where A.title=B.title and B.keyword like '%war%' and A.genre='Action' and not exists`
`(select * from Keywords where keyword like '%star%' and title=A.title)`

	title
1	Adventures of Robin Hood, The (1938)
2	Anatomy of a Murder (1959)
3	Cidade de Deus (2002)
4	Cool Hand Luke (1967)
5	Gladiator (2000)
6	Green Mile, The (1999)
7	Lion King, The (1994)
8	Mononoke-hime (1997)
9	Searchers, The (1956)
10	Witness for the Prosecution (1957)

e) `select A.songID, A.[rank]`
`from Soundtrack A, Keywords B`
`where A.title=B.title and (B.keyword like 'computer' or B.keyword='computer-animation')`
`ORDER BY A.[rank]`

	songID	rank
1	105	8
2	126	8
3	102	8.1
4	179	8.1
5	227	8.1
6	231	8.1
7	72	8.1
8	216	8.2
9	1	8.3
10	6	8.4
11	55	8.5
12	139	8.6
13	242	8.6
14	214	8.8
15	215	8.8

f)

```
select B.fname,B.lname
from Actors A , TechStaff B
where A.fname=B.fname and A.lname=B.lname
```

	fname	lname
1	Harold	Young

g)

```
select D.studioName,Avg(A.salary) as StudioAvgSalary, Avg(E.salary) as TechStaffSalary
from Actors A, ActedIn B, Movie C ,Studio D, TechStaff E
where A.name=B.name and B.title=C.title and C.studioID=D.studioID and
E.studioID=D.studioID
group by D.studioName
```

	studioName	StudioAvgSalary	TechStaff Salary
1	Blue Sky	11539565.9609	39039.101
2	Columbia	11529786.6616	56621.8342
3	Dreamworks	11549211.0698	44148.2793
4	Fox	11623567.0612	48840.0008
5	Paramount	11444994.8937	47508.7375
6	Sony	11593293.7573	43628.861
7	Tristar	11379166.5804	42448.2287
8	Universal	11545087.2015	50626.95
9	Walt Disney	11521844.5633	49360.505
10	Wamer Brothers	11662060.8523	56201.3292