

CMPT 354

ASSIGNMENT 4

TIANJIAO (MARK) QIAN

ID: 301242784

```
--a)-----
select name, count(title) as Number
from ActedIn
group by name
ORDER by Number DESC
```

100 %

Results Messages

	name	Number
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	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	Harris, 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
33	Cazale, John	5
34	Chaplin, Charles	5
35	Grant, Cary	5
36	Holden, William (I)	5
37	Jackson, Samuel L.	5
38	Jones, James Earl	5
39	Rains, Claude	5
40	Rhys-Davies, John	5
41	Wagner, Max (I)	5
42	Newell, William (I)	5
43	Newman, Paul (I)	5
44	Pacino, Al	5
45	Kemp, Kenner G.	5
46	Kenny, Colin	5
47	Kibbee, Milton	4
48	Lally, Mike (I)	4
49	Martin, Strother	4
50	Lorre, Peter (I)	4
51	Lyons, Derek	4
52	Madsen, Michael (I)	4
53	Negley, Howard	4
54	Murray, Forbes	4
55	Nicholson, Jack	4

✓ Query executed successfully.

SQLQuery2.sql - C:\ADSFU\markq (64))\* Tasks.sql - CYPRE...ADSFU\markq (142))

--a)-----  

select name, count(title) as Number  
from ActedIn  
group by name  
ORDER by Number DESC

--B)-----  

select name, count(title) as Number  
from ActedIn  
  
group by name  
having count(title)>=2  
ORDER by Number DESC

100 %

Results

Messages

	name	Number
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	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
33	Jackson, Samuel L.	5
34	Jones, James Earl	5
35	Grant, Cary	5
36	Wagner, Max (I)	5
37	Weaving, Hugo	5
38	Wood, Elijah	5
39	Willis, Bruce	5
40	Rhys-Davies, John	5
41	Rains, Claude	5
42	Pacino, Al	5
43	Newell, William (I)	5
44	Newman, Paul (I)	5
45	Kemp, Kenner G.	5
46	Kenny, Colin	5

Query executed successfully.

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1251 rows

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SQLQuery2.sql - C:\...\ADSFU\markq (64))\* × Tasks.sql - CYPRE...\ADSFU\markq (142))

```
from ActedIn
group by name
having count(title)>=2
ORDER by Number DESC

--c)-----seleselect
select *
into #tb
from (select name, COUNT(title) as Number
from ActedIn
group by name )as tt
select name, Number
from #tb
where Number = (select max(Number)from #tb)
DROP TABLE #tb
```

100 %

Results Messages

	name	Number
1	Flowers, Bess	12

```
--d)-----  
select distinct M.title  
from Movie M, Keywords K  
where M.title =K.title and genre = 'action' and K.keyword like '%war%'  
and not exists( select K.keyword from Keywords K where K.keyword like '%star%' and K.title = M.title)
```

100 %

Results Messages

	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 DISTINCT S.songID, S.rank  
FROM Soundtrack S, Keywords K  
where K.title =S.title and (K.keyword ='computer' or K.keyword ='computer-animation')  
order by S.rank
```

```
--f)-----  
select *
```

100 %

Results Messages

	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 *  
from TechStaff T, Actors A  
where T.fname = A.fname and T.lname = A.lname  
--g)-----
```

100 %

Results

Messages

	sin	fname	lname	age	salary	studioID	name	salary	fname	lname
1	35780	Harold	Young	65	29218.74	5	Young, Harold	15385102.76	Harold	Young

```
--g)-----
select S.studioName, avg(A.salary)as avg_salary, avg(T.salary) as avg_income
from Studio S, Actors A, TechStaff T, ActedIn AI, Movie M
where T.studioID =S.studioID
AND T.studioID=M.studioID
AND S.studioID = M.studioID
AND A.name=AI.name
AND AI.title=M.title
group by S.studioName
```

100 %

Results

Messages

	studioName	avg_salary	avg_income
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	Warner Brothers	11662060.8523	56201.3292