# MORE JOINS (MOVIES)

# http://sqlzoo.net/wiki/More\_JOIN\_operations

**movie** (id, title, yr, director, budget, gross)

**actor** (id, name)

**casting** (movieid, actorid, ord)

**1 (RISP)**

**List the films where the yr is 1962 [Show id, title]**

SELECT id, title

FROM movie

WHERE yr=1962

**2**

**Give year of 'Citizen Kane'.**

SELECT yr

FROM movie

WHERE title='Citizen Kane'

**3**

**List all of the Star Trek movies, include the id, title and yr (all of these movies include the words Star Trek in the title). Order results by year.**

SELECT id,title, yr FROM movie

WHERE title LIKE 'Star Trek%'

ORDER BY yr

**4**

**What id number does the actress 'Glenn Close' have?**

SELECT id FROM actor

WHERE name= 'Glenn Close'

**5**

**What is the id of the film 'Casablanca'**

SELECT id

FROM movie

WHERE title='Casablanca'

**6**

**Obtain the cast list for 'Casablanca'.**

SELECT name

FROM casting, actor

WHERE movieid=(SELECT id

FROM movie

WHERE title='Casablanca')

AND actorid=actor.id

**7**

**Obtain the cast list for the film 'Alien'**

SELECT name

FROM movie, casting, actor

WHERE title='Alien'

AND movieid=movie.id

AND actorid=actor.id

**8**

**List the films in which 'Harrison Ford' has appeared**

SELECT title

FROM movie, casting, actor

WHERE name='Harrison Ford'

AND movieid=movie.id

AND actorid=actor.id

**9**

**List the films where 'Harrison Ford' has appeared - but not in the starring role. [Note: the ord field of casting gives the position of the actor. If ord=1 then this actor is in the starring role]**

SELECT title

FROM movie, casting, actor

WHERE name='Harrison Ford' AND movieid=movie.id

AND actorid=actor.id AND ord<>1

**10**

**List the films together with the leading star for all 1962 films.**

SELECT title, name

FROM movie, casting, actor

WHERE yr=1962

AND movieid=movie.id

AND actorid=actor.id

AND ord=1

**11 (RISP)**

**Which were the busiest years for 'John Travolta', show the year and the number of movies he made each year for any year in which he made more than 2 movies.**

SELECT yr,COUNT(title) FROM

movie JOIN casting ON movie.id=movieid

JOIN actor ON actorid=actor.id

where name='John Travolta'

GROUP BY yr

HAVING COUNT(title)=(SELECT MAX(c) FROM

(SELECT yr,COUNT(title) AS c FROM

movie JOIN casting ON movie.id=movieid

JOIN actor ON actorid=actor.id

where name='John Travolta'

GROUP BY yr) AS t

)

**12 (RISP)**

**List the film title and the leading actor for all of the films 'Julie Andrews' played in.**

SELECT title, name

FROM movie, casting, actor

WHERE movieid=movie.id

AND actorid=actor.id

AND ord=1

AND movieid IN

(SELECT movieid FROM casting, actor

WHERE actorid=actor.id

AND name='Julie Andrews')

**13**

**Obtain a list, in alphabetical order, of actors who've had at least 30 starring roles.**

SELECT name

FROM casting, actor

WHERE casting.actorid = actor.id

AND ord=1

GROUP BY name

HAVING COUNT(\*)>=30

**14**

**List the films released in the year 1978 ordered by the number of actors in the cast.**

SELECT title, COUNT(actorid)

FROM casting,movie

WHERE yr=1978

AND movieid=movie.id

GROUP BY title

ORDER BY 2 DESC

**15**

**List all the people who have worked with 'Art Garfunkel'.**

SELECT DISTINCT a2.name

FROM actor a1, casting c1, actor a2, casting c2

WHERE a2.id=c1.actorid

AND c1.movieid=c2.movieid

AND a1.id=c2.actorid

AND a1.name='Art Garfunkel'

AND a1.id != a2.id

**NO**

**What are the titles of the films with id 11768, 11955, 21191**

SELECT title

FROM movie

WHERE id IN (11768, 11955, 21191)