1. SELECT \* FROM owners JOIN vehicles ON owners.id = owner\_id;
2. SELECT first\_name, last\_name, COUNT(owner\_id) FROM owners o JOIN vehicles v ON o.id = v.owner\_id GROUP BY (first\_name, last\_name) ORDER BY first\_name;
3. SELECT first\_name, last\_name, ROUND(AVG(price)) as average\_price, COUNT(owner\_id) FROM owners o JOIN vehicles v on o.id=v.owner\_id GROUP BY (first\_name, last\_name)HAVING COUNT(owner\_id) > 1 AND ROUND(AVG(price)) > 10000 ORDER BY first\_name DESC;

SQL ZOO 6: The JOIN operation.

1. SELECT matchid, player FROM goal

WHERE teamid = 'GER'

1. SELECT id,stadium,team1,team2

FROM game WHERE id = '1012'

1. SELECT player, teamid, stadium, mdate

FROM game JOIN goal ON (id=matchid) WHERE teamid = 'GER'

1. SELECT team1, team2, player FROM game JOIN goal ON (id=matchid) WHERE player LIKE 'Mario%'
2. SELECT player, teamid, coach, gtime

FROM goal

JOIN eteam ON teamid=id

WHERE gtime<=10

1. SELECT mdate, teamname FROM game JOIN eteam ON (team1=eteam.id) WHERE coach = 'Fernando Santos'
2. SELECT player FROM goal JOIN game ON (matchid = game.id) WHERE stadium = 'National Stadium, Warsaw'
3. SELECT DISTINCT player FROM game JOIN goal ON (id = matchid) WHERE (team1='GER' OR team2='GER') AND teamid <> 'GER'
4. SELECT teamname, COUNT(teamid)

FROM eteam JOIN goal ON id=teamid

GROUP BY teamname

1. SELECT stadium, COUNT(teamid) FROM game JOIN goal ON matchid = id GROUP BY stadium
2. SELECT matchid, mdate, COUNT(teamid)

FROM game JOIN goal ON matchid = id

WHERE (team1 = 'POL' OR team2 = 'POL') GROUP BY matchid, mdate

1. SELECT matchid, mdate, COUNT(teamid) FROM goal JOIN game ON matchid = id WHERE teamid = 'GER' GROUP BY matchid, mdate
2. SELECT mdate, team1, SUM(CASE WHEN teamid = team1 THEN 1 ELSE 0 END) AS score1, team2, SUM(CASE WHEN teamid = team2 THEN 1 ELSE 0 END) AS score2 FROM game LEFT JOIN goal ON (id = matchid) GROUP BY mdate, matchid, team1, team2

SQL ZOO 7: More JOIN operations

1. SELECT id, title

FROM movie

WHERE yr=1962

1. SELECT yr FROM movie WHERE title = 'Citizen Kane'
2. SELECT id, title, yr FROM movie WHERE title LIKE '%Star Trek%' ORDER BY yr
3. SELECT id FROM actor WHERE name = 'Glenn Close'
4. SELECT id FROM movie WHERE title = 'Casablanca'
5. SELECT actor.name FROM actor JOIN casting ON casting.actorid = actor.id WHERE movieid=27
6. SELECT actor.name FROM actor JOIN casting ON casting.actorid = actor.id

JOIN movie ON movie.id = casting.movieid WHERE movie.title = 'Alien';

1. SELECT title FROM movie JOIN casting ON casting.movieid = movie.id JOIN actor ON actor.id = casting.actorid WHERE actor.name = 'Harrison Ford'
2. SELECT movie.title

FROM movie

JOIN casting

ON casting.movieid = movie.id

JOIN actor

ON actor.id = casting.actorid

WHERE actor.name = 'Harrison Ford'

AND casting.ord != 1;

1. SELECT movie.title, actor.name FROM movie JOIN casting ON movie.id = casting.movieid JOIN actor ON actor.id = casting.actorid WHERE movie.yr = 1962 AND casting.ord = 1
2. SELECT yr,COUNT(title) FROM

movie JOIN casting ON movie.id=movieid

JOIN actor ON actorid=actor.id

WHERE name='Rock Hudson'

GROUP BY yr

HAVING COUNT(title) >= 2

1. SELECT DISTINCT m.title, a.name

FROM (SELECT movie.\*

FROM movie

JOIN casting

ON casting.movieid = movie.id

JOIN actor

ON actor.id = casting.actorid

WHERE actor.name = 'Julie Andrews') AS m

JOIN (SELECT actor.\*, casting.movieid AS movieid

FROM actor

JOIN casting

ON casting.actorid = actor.id

WHERE casting.ord = 1) as a

ON m.id = a.movieid

ORDER BY m.title;

1. SELECT name FROM actor JOIN casting On actor.id = casting.actorid WHERE casting.ord = 1 GROUP BY actor.name HAVING COUNT(\*) >= 15
2. SELECT movie.title, COUNT(\*)

FROM movie

JOIN casting

ON movie.id = casting.movieid

WHERE movie.yr = 1978

GROUP BY movie.title

ORDER BY COUNT(\*) DESC

1. SELECT a.name FROM (SELECT movie.\* FROM movie JOIN casting ON casting.movieid = movie.id JOIN actor ON actor.id = casting.actorid WHERE actor.name = 'Art Garfunkel') AS m JOIN (SELECT actor.\*, casting.movieid FROM actor JOIN casting ON casting.actorid = actor.id WHERE actor.name != 'Art Garfunkel') as a ON m.id = a.movieid;