

**6-16-2017**

## Examples from 5notes16 part 3

Movie(Title,Year,length,inColor,studioName,producerC#)

StarsIn(MovieTitle,MovieYear,StarName)

MovieStar(Name,address,gender,birthdate)

MovieExec(name,address,Cert#,netWorth)

Studio(Name,address,presC#)

Find the address of 'Lucas Films' studios.

- select \* from studio where name like 'Lucas%'

Find all stars that appeared either in a movie made in 2002 or a movie with 'world' in the title.

- select distinct starname from starsin where movieyear = 2002 OR movietitle like '%world%'

Find the names and addresses of all female movie stars who are also movie executives with a net worth over \$5000.

- select \* from moviestar ms, movieExec me where gender = 'f' AND network > 5000 AND [ms.name](#) = [me.name](#)

Which movies are longer than 'Star Wars'?

- select m1.title as m1title, m1.year as m1year, m1.length as m1length, m2.title as m2title, m2.year as m2year, m2.length as m2length from movies m1, movies m2 where m1.title = 'star wars' AND m1.length < m2.length

Find studios that produced at least 2 movies that contain at least 2 stars born before 1960.

- select \* from movies m1, movies m2, starsin s1, starsin s2, starsin s3, starsin s4, moviesstar ms1, moviestar ms2, moviestar ms3, moviestar ms4 where m1.studioname = m2.studioname AND ( m1.movietitle != m2.movietitle OR m1.year != m2.year ) AND ( s1.movietitle = m1.movietitle AND s1.movieyear = m1.movieyear AND s2.movietitle = m1.movietitle AND s2.movieyear = m1.movieyear AND s1.starname != s2.starname ) AND (s1.starname = [ms1.name](#) AND s2.starname = [ms2.name](#) AND s1.birthdate < 1960 AND s2.birthdate < 1960)