Queries

--This query shows all the theatres in complex 2 (Wellington) where sound quality = DolbyAtmos.

SELECT TheatreInfo.theatreID

FROM TheatreInfo

WHERE (soundQuality='DolbyAtmos')

AND(complexID='2')

--I’d like this to be able to display the city name by adding location, which exists only as a column in the CinemaInfo table

SELECT CinemaInfo.location,CinemaInfo.complexName

FROM CinemaInfo

JOIN TheatreInfo

ON CinemaInfo.location=TheatreInfo.soundQuality

WHERE (soundQuality='DolbyAtmos')

AND(CinemaInfo.location='Wellington')

--this returns an empty query.

SELECT CinemaInfo.location,CinemaInfo.complexName

FROM CinemaInfo

JOIN TheatreInfo

ON (CinemaInfo.complexID=TheatreInfo.complexID)

WHERE (soundQuality='DolbyAtmos')

AND(CinemaInfo.location='Wellington')

--this returns a result that shows that 2 theatres in wellington, at complexnameEyeCandyWellington meet the criteria of having DolbyAtmos, but does not show the theatrenumber

SELECT CinemaInfo.location,CinemaInfo.complexName,TheatreInfo.theatreID,TheatreInfo.soundQuality

FROM CinemaInfo

JOINTheatreInfo

ON (CinemaInfo.complexID=TheatreInfo.complexID)

WHERE (soundQuality='DolbyAtmos')

AND(CinemaInfo.location='Wellington')

--this query returns that theatreID’s 7&8 in EyeCandyWellington have soundquality of Dolby Atmos.

SELECT CinemaInfo.location,CinemaInfo.complexName,TheatreInfo.theatreID,TheatreInfo.soundQuality,TheatreInfo.capacity

FROM CinemaInfo

JOIN TheatreInfo

ON (CinemaInfo.complexID=TheatreInfo.complexID)

WHERE (soundQuality='THX')

AND(CinemaInfo.location='Wellington')

AND(TheatreInfo.capacity<'100')

--this query shows theatres in wellington with capacity less than 100 with sound quality ‘THX’

SELECT CinemaInfo.location,CinemaInfo.complexName,TheatreInfo.theatreID,TheatreInfo.soundQuality,TheatreInfo.capacity

FROM CinemaInfo

JOIN TheatreInfo

ON (CinemaInfo.complexID=TheatreInfo.complexID)

WHERE (soundQuality='THX')

AND(CinemaInfo.location='Wellington')

AND(TheatreInfo.capacity<='100')

--this query modifies the above query to include theatres with capacity 100 or less, as opposed to ‘less than 100’.

SELECT TheatreInfo.soundQuality,TheatreInfo.capacity,ScreeningInfo.date, TheatreInfo.theatreID

FROM ScreeningInfo

JOIN TheatreInfo

ON (ScreeningInfo.theatreID=TheatreInfo.theatreID)

WHERE (soundQuality='THX')

AND(TheatreInfo.complexId='2')

AND(ScreeningInfo.MovieInfo\_movieID='2')

--this query shows that date that movieID ‘2’ is screening in complexID’2’ with a specified sound quality.

SELECT TheatreInfo.soundQuality,TheatreInfo.capacity,ScreeningInfo.date, TheatreInfo.theatreID, TheatreInfo.complexID, SCreeningInfo.time

FROM ScreeningInfo

JOIN TheatreInfo

ON (ScreeningInfo.theatreID=TheatreInfo.theatreID)

WHERE (soundQuality='THX')

AND(TheatreInfo.complexId='2')

AND(ScreeningInfo.MovieInfo\_movieID='2')

SELECT TheatreInfo.soundQuality,TheatreInfo.capacity,ScreeningInfo.date, TheatreInfo.theatreID, TheatreInfo.complexID, SCreeningInfo.time, ScreeningInfo.MovieInfo\_movieID, MovieInfo.movieName

FROM ScreeningInfo

JOIN TheatreInfo

ON (ScreeningInfo.theatreID=TheatreInfo.theatreID)

JOIN MovieInfo

ON (MovieInfo.movieID=ScreeningInfo.MovieInfo\_movieID)

WHERE (soundQuality='THX')

AND(TheatreInfo.complexId='2')

SELECT TheatreInfo.soundQuality,TheatreInfo.capacity,ScreeningInfo.date, TheatreInfo.theatreID, TheatreInfo.complexID, SCreeningInfo.time, ScreeningInfo.MovieInfo\_movieID

FROM ScreeningInfo

JOIN TheatreInfo

ON (ScreeningInfo.theatreID=TheatreInfo.theatreID)

WHERE (soundQuality='THX')

AND(TheatreInfo.complexId='2')

SELECT TheatreInfo.soundQuality,TheatreInfo.capacity,ScreeningInfo.date, TheatreInfo.theatreID, TheatreInfo.complexID, SCreeningInfo.time, ScreeningInfo.MovieInfo\_movieID

FROM ScreeningInfo

JOIN TheatreInfo

ON (ScreeningInfo.theatreID=TheatreInfo.theatreID)

WHERE (soundQuality='THX')

AND(TheatreInfo.complexId='2')

AND(ScreeningInfo.MovieInfo\_movieID='2')

SELECT TheatreInfo.soundQuality,TheatreInfo.capacity,ScreeningInfo.date, TheatreInfo.theatreID, TheatreInfo.complexID, SCreeningInfo.time, ScreeningInfo.MovieInfo\_movieID, MovieInfo.movieName

FROM ScreeningInfo

JOIN TheatreInfo

ON (ScreeningInfo.theatreID=TheatreInfo.theatreID)

JOIN MovieInfo

ON (MovieInfo.movieID=ScreeningInfo.MovieInfo\_movieID)

WHERE (soundQuality='THX')

AND(TheatreInfo.complexId='2')

SELECT TheatreInfo.soundQuality,TheatreInfo.capacity,ScreeningInfo.date, TheatreInfo.theatreID, TheatreInfo.complexID, SCreeningInfo.time, ScreeningInfo.MovieInfo\_movieID, MovieInfo.movieName

FROM ScreeningInfo

JOIN TheatreInfo

ON (ScreeningInfo.theatreID=TheatreInfo.theatreID)

JOIN MovieInfo

ON (MovieInfo.movieID=ScreeningInfo.MovieInfo\_movieID)

WHERE (soundQuality='DolbyAtmos')

AND(TheatreInfo.complexId='1')

AND (TheatreInfo.capacity>=100)

--this query should return the results of all screenings in cinema complex 1 with capacity of 100 or greater and with sound quality of Dolby Atmos.

SELECT TheatreInfo.soundQuality,TheatreInfo.capacity,ScreeningInfo.date, TheatreInfo.theatreID, TheatreInfo.complexID, SCreeningInfo.time, ScreeningInfo.MovieInfo\_movieID, MovieInfo.movieName

FROM ScreeningInfo

JOIN TheatreInfo

ON (ScreeningInfo.theatreID=TheatreInfo.theatreID)

JOIN MovieInfo

ON (MovieInfo.movieID=ScreeningInfo.MovieInfo\_movieID)

WHERE (movieDirector= 'Steven Spielberg')

AND(TheatreInfo.complexId='1')

AND (TheatreInfo.capacity>=100)

--this shows all screenings of movies directed by Steven Spielberg where the theatre capacity is equal to or greater than 100

SELECT TheatreInfo.soundQuality,TheatreInfo.capacity,ScreeningInfo.date, TheatreInfo.theatreID, TheatreInfo.complexID, SCreeningInfo.time, ScreeningInfo.MovieInfo\_movieID, MovieInfo.movieName

FROM ScreeningInfo

JOIN TheatreInfo

ON (ScreeningInfo.theatreID=TheatreInfo.theatreID)

JOIN MovieInfo

ON (MovieInfo.movieID=ScreeningInfo.MovieInfo\_movieID)

--this query displays all screenings in all theaters

SearchForCinema

- searchCinemaByCity

- searchTheatreByCityAndCapacity

- searchTheatreByCityAndSoundSystem

ShowCinemaInformation

* showCinemaByEmail
* searchCinemaByPhone
* searchCinemaBySuburb
* searchCinema

search Movie Schedule

-show screening time

-show theater location of given screening on given day

-show movie by director

- show movie by location