Assignment 18 Name Oliver Conover

Use the **BowlingLeagueExample** database for all questions. (30 points)

1. Display the bowlers names who have **never** bowled a raw score greater than 150. 7 rows. (5 points)

Use two tables and include bowlerid in your select statement.

Select ……..

From

WHERE Bowlerid NOT IN (write a sub query for who has a raw score greater than 150)

a. Paste your query here.

select b.BowlerID, b.BowlerFirstName + ' ' + b.BowlerLastName Name

from Bowlers b

where b.BowlerID not in(

select bs.BowlerID

from Bowler\_Scores bs

where bs.RawScore > 150

)

2. List the Tournaments that have not yet been played. Only need two tables, using the following statement lines in your query. There is only a record in the Tourney\_Matches table when a Tournament has been played. 6 rows (5 points)

Select

From

Where NOT EXISTS

(Select b.tourneyid from tourneymatches b where a.tourneyid = b.tourneyid)

a. Paste your query here.

select t.TourneyID

from Tournaments t

where not exists (

select tm.TourneyID

from Tourney\_Matches tm

where t.TourneyID = tm.TourneyID

)

3. Show the bowlers first and last name for those who have a raw score greater than 170 at both Thunderbird Lanes and Bolero Lanes using the **EXISTS** syntax. 11 rows (20 points)

I suggest you first write a query linking all five tables and look for just one TourneyLocation with rawscore > 170.

You will use **all** Bowling League tables **except** the Teams table.

Select statement should include first name and last name. Use the example on page 614 to add the EXISTS syntax.

1. Paste your query here.

select b.BowlerID, b.BowlerFirstName + ' ' + b.BowlerLastName BowlerName

from Bowlers b

where exists (

select \*

from Tournaments t

join Tourney\_Matches tm

on tm.TourneyID = t.TourneyID

join Match\_Games mg

on mg.MatchID = tm.MatchID

join Bowler\_Scores bs

on bs.MatchID = mg.MatchID

where t.TourneyLocation like 'Thunder%'

and b.BowlerID = bs.BowlerID

and bs.RawScore > 170

)

and exists (

(

select \*

from Tournaments t

join Tourney\_Matches tm

on tm.TourneyID = t.TourneyID

join Match\_Games mg

on mg.MatchID = tm.MatchID

join Bowler\_Scores bs

on bs.MatchID = mg.MatchID

where t.TourneyLocation like 'Bolero%'

and b.BowlerID = bs.BowlerID

and bs.RawScore > 170

)

)