



Christian Castillo
ISM 4212
Soccer Queries

/* Part 1) Query 1. Shows all players (first and last name), their assigned teams (team name), by season (from 2009-2011)
Uses Basic JOIN, WHERE, ORDER BY operators
Query also reveals some teams only had 1 player during a season :(- which is concerning but to be expected from a data generator*/

SELECT
(P.FirstName + ' ' + P.LastName) AS 'Player Name',
T.TeamName AS 'Team Name',
YEAR(TR.Season) AS 'Season'
FROM
TeamRoster TR
JOIN
Player P ON TR.PlayerID=P.PlayerID
JOIN
Team T ON TR.TeamID=T.TeamID
WHERE
YEAR(TR.Season) >=2009 AND YEAR(TR.Season) <= 2011
ORDER BY YEAR(TR.Season), T.TeamName

100 %
Results Messages

Player Name	Team Name	Season
1 Arden Bernard	Avalanche FC	2009
2 Melodie Velazquez	Avalanche FC	2009
3 Derek Rose	Avalanche FC	2009
4 Bradley Olsen	Galaxy Guardians	2009
5 Rauben Campbell	Galaxy Guardians	2009
6 Carly Cherry	Galaxy Guardians	2009
7 Maris Foster	Galaxy Guardians	2009
8 Denise Moss	Horizon Hawks	2009
9 Cathleen Wiggins	Horizon Hawks	2009
10 Caryn O'Donnell	Horizon Hawks	2009
11 Francis Christian	Landmark Royals	2009
12 Riley Dalton	Landmark Royals	2009
13 Deirdre Bryan	Landmark Royals	2009
14 Samuel Jones	Royal Lions	2009
15 Annal Moody	Royal Lions	2009
16 Jasper Owen	Thunder Strikers	2009
17 Ilana Gallegos	Thunder Strikers	2009
18 Wytler Khan	Thunder Strikers	2009
19 Jason Peck	Thunder Strikers	2009
20 Knox Holt	Titan Warriors	2009
21 Sheila Flynn	Titan Warriors	2009
22 Caleb Pugh	Titan Warriors	2009
23 Samuel Todd	Titan Warriors	2009
24 Leroy Henderson	United Defeatists	2009
25 Blair Hoover	United Defeatists	2009
26 Ralph Valdez	Victory Vipers	2009
27 Robin Sykes	Victory Vipers	2009
28 Celeste Tyler	Victory Vipers	2009
29 Charcoler Orr	Avalanche FC	2010
30 Bradley Olsen	Avalanche FC	2010
31 Moana Ramos	Avalanche FC	2010
32 Celeste Tyler	Avalanche FC	2010
33 Ferdinand Holland	Avalanche FC	2010
34 Melodie Velazquez	Avalanche FC	2010
35 Sheila Flynn	Avalanche FC	2010
36 Francis Christian	Galaxy Guardians	2010
37 Samuel Jones	Horizon Hawks	2010
38 Sheila Flynn	Landmark Royals	2010
39 Cathleen Wiggins	Landmark Royals	2010
40 Derek Rose	Landmark Royals	2010
41 Moana Ramos	Landmark Royals	2010
42 Mia Bush	Liberty Tigers	2010
43 Channing Simon	Royal Lions	2010
44 Luke Dodson	Royal Lions	2010
45 Bradley Olsen	Royal Lions	2010
46 Arden Bernard	Royal Lions	2010
47 Ilana Gallegos	Royal Lions	2010
48 Chandler Gould	Thunder Strikers	2010
49 Aaron Merrill	Thunder Strikers	2010
50 Daniel Bradley	Thunder Strikers	2010
51 Aline Tyler	United Defeatists	2010

--Quick Logic Check
SELECT *
FROM TeamRoster
WHERE Year(Season) = 2009 AND TeamID=7

SELECT *
FROM Team

SELECT *
FROM Player
WHERE PlayerID=22 OR PlayerID=31 OR PlayerID=48

100 %
Results Messages

TeamID	PlayerID	Season
1 7	22	2009-09-20
2 7	31	2009-08-14
3 7	48	2009-09-20

TeamID TeamName CaptainID

1	Horizon Hawks	20
2	Titan Warriors	17
3	Landmark Royals	66
4	Victory Vipers	10
5	Thunder Strikers	66
6	Galaxy Guardians	82
7	Avalanche FC	65
8	United Defeatists	22
9	Royal Lions	6
10	Liberty Tigers	48

PlayerID FirstName LastName Street City State Zip Phone DOB Age

1 22	Arden	Bernard	724-2159 Lacus St.	Tamow	TX	34247	1514667977	1983-07-18	41
2 31	Melodie	Velazquez	Ap #280-235 Uma Street	Carmen	MS	35123	9004959984	1990-06-23	34
3 48	Derek	Rose	972-1003 Wvamus St	Manisa	CA	67306	1424554276	1990-06-04	34

Query executed successfully. CHRISTIAN\SQLXPRESS (15.0 ... CHRISTIAN\chris (56) Soccer League 00:00:00 101 rows

Query executed successfully. CHRISTIAN\SQLXPRESS (15.0 ... CHRISTIAN\chris (52) Soccer League 00:00:00 16 rows

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Soccer Queries

```
/* Part 1) Query 2. Shows all players (first and last name), their assigned teams (team name), and their ages
Uses Basic JOIN, ORDERBY, and existing DATEDIFF function to gather age from DOB */

SELECT
    (P.FirstName + ' ' + P.LastName) AS 'Player Name',
    P.Age AS 'Age',
    T.TeamName AS 'Team Name'
FROM
    TeamRoster TR
JOIN
    Player P ON TR.PlayerID=P.PlayerID
JOIN
    Team T ON TR.TeamID=T.TeamID
```

```
--Quick Logic Check
SELECT *
FROM Player
WHERE Age= 37
--We now see Francis is indeed 37, now we can check his team
SELECT *
FROM TeamRoster
WHERE PlayerID=2
--He's been in 4 teams previously 1,3,4,6
SELECT *
FROM Team
--His most recent Team for the 2020 season is Horizon Hawks, which matches our original query
```

Player Name	Age	Team Name
Francis Christian	37	Horizon Hawks
Jamalia Nicholson	44	Horizon Hawks
Sasha Goodman	32	Horizon Hawks
Kylie Decker	45	Horizon Hawks
Reuben Campbell	43	Horizon Hawks
Maris Bruce	30	Horizon Hawks
Derek Bell	24	Horizon Hawks
Halla Delacruz	27	Horizon Hawks
Vanna Robles	43	Horizon Hawks
Denise Moss	34	Horizon Hawks
Cynthia Ortiz	35	Horizon Hawks
Cathleen Wiggins	37	Horizon Hawks
Inga Atkinson	23	Horizon Hawks
Quentin Pugh	42	Horizon Hawks
Caleb Pugh	27	Horizon Hawks
Calle Bush	38	Horizon Hawks
Ane Hines	22	Horizon Hawks
Cayn O'donnell	42	Horizon Hawks
Cayn O'donnell	42	Horizon Hawks
Harrison Cabrera	37	Horizon Hawks
Camille Frederick	36	Horizon Hawks
Samuel Jones	27	Horizon Hawks
Denise Mcpherson	35	Horizon Hawks
Griffith Ware	41	Horizon Hawks
Beatrice Montoya	44	Horizon Hawks
September Bray	32	Horizon Hawks
Holmes McKenzie	43	Horizon Hawks
Colton Rojas	30	Horizon Hawks
Channing Simon	42	Titan Warriors
Jason Parsons	24	Titan Warriors
Jason Parsons	24	Titan Warriors
Aaron Merrill	32	Titan Warriors
Aaron Merrill	32	Titan Warriors
Aaron Merrill	32	Titan Warriors
Phelan Williams	45	Titan Warriors
Gloria Schultz	41	Titan Warriors
Sasha Goodman	32	Titan Warriors
Riley Dalton	23	Titan Warriors
Kylie Decker	45	Titan Warriors
Knox Holt	37	Titan Warriors
Knox Holt	37	Titan Warriors
Knox Holt	37	Titan Warriors
Arden Bernard	41	Titan Warriors
Reuben Campbell	43	Titan Warriors
Maris Bruce	30	Titan Warriors
Ivana Wiggins	22	Titan Warriors
Illana Gallegos	24	Titan Warriors
Melodie Velazquez	34	Titan Warriors
Kameko Wells	42	Titan Warriors
Dalton Ashley	27	Titan Warriors
Dalton Ashley	27	Titan Warriors
Shella Flynn	22	Titan Warriors
Shella Flynn	22	Titan Warriors
Shella Flynn	22	Titan Warriors
Shella Flynn	22	Titan Warriors

TeamID	PlayerID	Season
1	2	2020-11-22
2	3	2009-11-05
3	4	2014-06-06
4	6	2010-10-06

TeamID	TeamName	CaptainID
1	Horizon Hawks	26
2	Titan Warriors	17
3	Landmark Royals	66
4	Victory Vipers	10
5	Thunder Strikers	68
6	Galaxy Guardians	82
7	Avalanche FC	65
8	United Defeatists	22
9	Royal Lions	6
10	Liberty Tigers	48

Query executed successfully. CHRISTIAN\SQLEXPRESS (15.0 ... CHRISTIAN\chris (71) Soccer League | 00:00:00 | 500 rows

Query executed successfully. CHRISTIAN\SQLEXPRESS (15.0 ... CH

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```
/* Part 1) Query 3. Shows all coach first and last names, their positions and their team names,
by season (for 3 years).
Looks at 2021, 2022, and 2023 season- reveals there were only two coaches TOTAL in the 2022 season*/
SELECT
    CONCAT(C.FirstName, ' ', C.LastName) 'coach_full_name',
    'position' =
    case
        when Role = 'AC' then 'Assistant Coach'
        when TC.Role = 'HC' then 'Head Coach'
        when Role = 'VC' then 'Volunteer Coach'
    end,
    T.TeamName 'team_name',
    YEAR(TC.Season) 'season'
FROM
    TeamCoach TC
JOIN
    Coach AS C ON TC.CoachID=C.CoachID
JOIN
    Team T ON TC.TeamID=T.TeamID
WHERE YEAR(TC.Season) >=2021 AND YEAR(TC.Season) <=2023
ORDER BY YEAR(TC.Season)
```

	coach_full_name	position	team_name	season
1	Elvis Alexander	Volunteer Coach	Titan Warriors	2021
2	Elana Lloyd	Assistant Coach	Landmark Royals	2021
3	Rama Noble	Volunteer Coach	Victory Vipers	2021
4	Galena Hammond	Assistant Coach	Thunder Strikers	2021
5	Eric Foley	Head Coach	Thunder Strikers	2021
6	Brynn Dillon	Head Coach	Thunder Strikers	2021
7	Nash Adams	Volunteer Coach	Galaxy Guardians	2021
8	Mannix Fitzpatrick	Volunteer Coach	United Defeatists	2021
9	Phyllis Valenzuela	Head Coach	Royal Lions	2021
10	Kevin Gray	Assistant Coach	Liberty Tigers	2021
11	Jaden Garza	Assistant Coach	Titan Warriors	2022
12	Logan Christian	Assistant Coach	Galaxy Guardians	2022
13	Clo Brewer	Assistant Coach	Victory Vipers	2023
14	Sonya Blackburn	Volunteer Coach	Titan Warriors	2023
15	Nash Adams	Head Coach	Royal Lions	2023
16	Jacqueline Paul	Head Coach	Royal Lions	2023
17	Brody Wallace	Assistant Coach	Avalanche FC	2023
18	Darnton Macias	Volunteer Coach	Avalanche FC	2023
19	Elaine White	Head Coach	Avalanche FC	2023

```
--Quick Logic Check
SELECT *
FROM TeamCoach
WHERE YEAR(Season)=2022
--Confirms our concern from previous query and its result set
SELECT *
FROM Coach
WHERE CoachID=93 OR CoachID=29
```

	TeamID	CoachID	Season	Role
1	2	93	2022-04-06	AC
2	6	20	2022-11-13	AC

	CoachID	FirstName	LastName	Street	City	State	Zip	Phone
1	29	Logan	Christian	653-9484 Ipsum Av.	Palencia	LA	61686	2407526115
2	93	Jaden	Garza	374-5537 Hymenaeos Ave	Puerto Colombia	CA	42328	4582316119

Query executed successfully. CHRISTIAN\SQLEXPRESS (15.0 ... CHRISTIAN\chris (71) Soccer League 00:00:00 19 rows Query executed successfully. CHRISTIAN\SQLEXPRESS

```
/* Part 1) Query 4. Shows all matches with team names, scores and results, by season. */
SELECT
    M.MatchID "match_id",
    T.TeamName "team_name",
    MT.Goals "scores",
    MT.Result "results",
    YEAR(M.Date) "season"
FROM
    Match M
JOIN
    MatchTeam MT ON M.MatchID=MT.MatchID
JOIN
    Team T ON MT.TeamID=t.TeamID
ORDER BY M.Date
```

match_id	team_name	scores	results	season
87	Avalanche FC	13	L	2008
2	Liberty Tigers	11	W	2008
73	United Defeatists	13	W	2008
5	Avalanche FC	8	W	2009
57	Thunder Strikers	14	W	2009
79	Victory Vipers	8	W	2009
74	Victory Vipers	14	L	2009
77	Landmark Royals	8	W	2009
9	Thunder Strikers	13	W	2009
85	Victory Vipers	13	L	2009
65	United Defeatists	10	L	2010
41	Titan Warriors	8	W	2010
51	Titan Warriors	13	W	2010
75	Landmark Royals	8	W	2010
13	Royal Lions	6	W	2010
82	Galaxy Guardians	9	L	2010
64	Royal Lions	9	L	2010
91	Thunder Strikers	4	W	2011
20	Victory Vipers	4	L	2011
54	Thunder Strikers	7	W	2011
21	United Defeatists	10	W	2011
4	Titan Warriors	9	W	2011
31	Horizon Hawks	4	L	2011
90	Avalanche FC	4	L	2011
37	Horizon Hawks	13	W	2011
16	United Defeatists	2	W	2012
17	Thunder Strikers	4	W	2012
47	United Defeatists	4	L	2012
94	Avalanche FC	8	L	2012
33	Thunder Strikers	13	L	2012
43	Titan Warriors	11	L	2012
62	Galaxy Guardians	12	W	2012
98	Landmark Royals	7	L	2013
36	Royal Lions	6	L	2013
3	Landmark Royals	5	W	2013
58	Thunder Strikers	7	L	2013
7	Landmark Royals	6	L	2013
61	Royal Lions	12	L	2013
34	United Defeatists	8	L	2013
95	Galaxy Guardians	7	W	2014
28	United Defeatists	9	W	2014
14	United Defeatists	4	W	2014
11	Titan Warriors	11	W	2014
89	Titan Warriors	3	L	2015
97	Royal Lions	11	W	2015
99	Galaxy Guardians	7	L	2015
92	Liberty Tigers	9	W	2015
44	Titan Warriors	6	W	2015
84	Avalanche FC	2	L	2016
83	Liberty Tigers	9	W	2016
15	Titan Warriors	14	L	2016
88	Royal Lions	10	L	2016

```
-- Logic Check
SELECT *
FROM Match
-- we do have 100 in the result set (no need to check outer join)
SELECT *
FROM MatchTeam
WHERE MatchID=87 OR MatchID=2 OR MatchID=73
-- just double checking first 3 rows
SELECT *
FROM Team
-- Matches up with our result set
```

MatchID	Date	FieldID
1	2022-07-22	1
2	2008-06-04	6
3	2013-06-05	7
4	2011-11-11	9
5	2009-01-21	4
6	2019-08-02	9
7	2013-10-17	2
8	2017-09-23	10
9	2009-06-19	5
10	2017-05-22	2
11	2014-12-18	9

TeamID	MatchID	Goals	Result
7	87	13	L
8	73	13	W
10	2	11	W

TeamID	TeamName	CaptainID
1	Horizon Hawks	26
2	Titan Warriors	17
3	Landmark Royals	66
4	Victory Vipers	10
5	Thunder Strikers	68
6	Galaxy Guardians	82
7	Avalanche FC	65
8	United Defeatists	22
9	Royal Lions	6
10	Liberty Tigers	48

Query executed successfully. CHRISTIAN\SQLXPRESS (15.0 ... CHRISTIAN\chris (75) Soccer League 00:00:00 100 rows

Query executed successfully. CHRISTIAN\

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```
/* Part 1) Query 5. Show me a list of players performances: summary of goals, minutes and penalties, by season.  
Displays their sum of their statistics by season*/
```

```
SELECT  
    P.FirstName + ' ' + P.LastName 'player_name',  
    SUM(PF.MinPlayed) 'total_mins_played',  
    SUM(PF.GoalsScored) 'total_goals',  
    SUM(PF.Penalties) 'total_penalties',  
    YEAR(M.Date) 'season'  
FROM Performance PF  
JOIN  
    Player P on PF.PlayerID=P.PlayerID  
JOIN  
    Match M ON PF.MatchID=M.MatchID  
GROUP BY  
    YEAR(M.Date), P.FirstName, P.LastName
```

	player_name	total_mins_played	total_goals	total_penalties	season
1	Aine Tyler	34.58	0	1	2008
2	Amr Hines	38.17	0	2	2008
3	Eich Hickomb	56.18	1	2	2008
4	Quentin Pugh	38.35	0	1	2008
5	Sheila Flynn	39.53	3	3	2008
6	Colby Dawson	35.04	2	1	2009
7	Daniel Bradley	59.54	2	4	2009
8	Denise Mcpherson	50.50	4	2	2009
9	Georgia Oneil	47.43	6	2	2009
10	Harrison Cabrera	59.43	0	2	2009
11	Jason Parsons	29.44	2	2	2009
12	Jason Peck	56.41	4	5	2009
13	Jennifer Bright	32.04	2	4	2009
14	September Bray	26.39	6	4	2009
15	Tamekiah Kennedy	32.41	4	5	2009
16	Aine Tyler	26.23	3	3	2010
17	Benedict Webster	38.57	0	2	2010
18	Bradley Olsen	46.50	0	3	2010
19	Carly Cherry	26.13	6	2	2010
20	Dalton Ashley	41.05	2	4	2010
21	Jael Thornton	55.39	5	3	2010
22	Jasper Owen	35.30	3	2	2010
23	Justin Espinoza	59.05	0	2	2010
24	Leroy Henderson	88.24	5	7	2010
25	Luke Dodson	26.54	5	3	2010
26	Vanna Robles	51.29	0	5	2010
27	Angelica Jefferson	52.02	3	2	2011
28	Brynn Bullock	47.27	5	5	2011
29	Dakita Gilbert	45.02	4	1	2011
30	Holmes McKenzie	56.08	1	4	2011
31	Kylie Decker	30.42	0	2	2011
32	Mari Foster	49.14	1	3	2011
33	Mia Bush	33.16	6	2	2011
34	Phelean Williams	42.09	1	4	2011
35	Angelica Jefferson	27.03	3	5	2012
36	Chandler Gould	53.40	5	4	2012
37	Derek Rose	35.53	5	4	2012
38	Jason Peck	48.58	4	4	2012
39	Jennifer Bright	34.06	4	1	2012
40	Jonah Myers	44.42	2	2	2012
41	Jordan Moses	30.46	3	4	2012
42	Luke Dodson	32.52	2	2	2012
43	Marshall Pruitt	46.24	2	2	2012
44	Aaron Merrill	41.23	5	2	2013
45	Amr Hines	43.34	1	1	2013
46	Brian Hoover	34.10	6	2	2013
47	Brynn Bullock	51.48	4	2	2013
48	Jasper Owen	45.26	1	5	2013
49	Olivia Bridges	51.28	4	5	2013
50	Riley Dalton	25.20	6	3	2013
51	Samuel Jones	54.25	6	4	2013
52	Usa Vazquez	48.44	4	2	2013

Query executed successfully.

CHRISTIAN\SQLEXPRESS (15.0 ... CHRISTIAN\chris (75) : Soccer League : 00:00:00 : 148 rows

```
-- Logic Check  
/* Performance table has 150 rows but result set from previous queries only reveals 148 rows. Why?  
Query below reveals there were 2 players who played twice during a season, accounting for the extra 2 records */
```

```
SELECT  
    PlayerID,  
    YEAR(M.Date) 'season',  
    COUNT(*) AS Records  
FROM  
    Performance P  
JOIN  
    Match M ON P.MatchID = M.MatchID  
GROUP BY PlayerID, YEAR(M.Date)  
HAVING COUNT(*) > 1;  
  
/* There are some matches in which we have no player performance on (concerning, but to be expected considering data is  
gathered from a data generator) */  
SELECT  
    P.FirstName + ' ' + P.LastName 'player_name',  
    SUM(PF.MinPlayed) 'total_mins_played',  
    SUM(PF.GoalsScored) 'total_goals',  
    SUM(PF.Penalties) 'total_penalties',  
    YEAR(M.Date) 'season',  
    M.Date 'date',  
    M.MatchID  
FROM Performance PF  
JOIN  
    Player P on PF.PlayerID=P.PlayerID  
RIGHT JOIN  
    Match M ON PF.MatchID=M.MatchID  
GROUP BY  
    YEAR(M.Date), M.Date, M.MatchID, P.FirstName, P.LastName
```

	PlayerID	season	Records
1	34	2010	2
2	49	2022	2

	player_name	total_mins_played	total_goals	total_penalties	season	date	MatchID
1	NULL	NULL	NULL	NULL	2008	2008-06-04	2
2	Aine Tyler	34.58	0	1	2008	2008-08-04	73
3	Sheila Flynn	39.53	3	3	2008	2008-08-04	73
4	Amr Hines	38.17	0	2	2008	2008-04-17	87
5	Eich Hickomb	56.18	1	2	2008	2008-04-17	87
6	Quentin Pugh	38.35	0	1	2008	2008-04-17	87
7	NULL	NULL	NULL	NULL	2009	2009-01-21	5
8	NULL	NULL	NULL	NULL	2009	2009-06-19	9
9	Jennifer Bright	32.04	2	4	2009	2009-01-24	57
10	Georgia Oneil	47.43	6	2	2009	2009-03-02	74
11	Harrison Cabrera	59.43	0	2	2009	2009-03-02	74
12	Jason Peck	56.41	4	5	2009	2009-03-02	74
13	September Bray	26.39	6	4	2009	2009-03-02	74
14	Colby Dawson	35.04	2	1	2009	2009-03-06	77
15	Daniel Bradley	59.54	2	4	2009	2009-03-06	77
16	Jason Parsons	29.44	2	2	2009	2009-02-02	79
17	Tamekiah Kenn...	32.41	4	5	2009	2009-02-02	79
18	Denise Mcpher...	50.50	4	2	2009	2009-10-27	85
19	Carly Cherry	26.13	6	2	2010	2010-07-31	13
20	Dalton Ashley	41.05	2	4	2010	2010-07-31	13
21	Leroy Henderson	39.02	1	3	2010	2010-07-31	13
22	NULL	NULL	NULL	NULL	2010	2010-06-01	41
23	NULL	NULL	NULL	NULL	2010	2010-07-12	51
24	Benedict Webs...	38.57	0	2	2010	2010-11-09	64
25	Bradley Olsen	46.50	0	3	2010	2010-11-09	64
26	Vanna Robles	51.29	0	5	2010	2010-11-09	64
27	Jael Thornton	55.39	5	3	2010	2010-01-24	65
28	Aine Tyler	26.23	3	3	2010	2010-07-27	75
29	Jasper Owen	35.30	3	2	2010	2010-07-27	75
30	Justin Espinoza	59.05	0	2	2010	2010-07-27	75
31	Leroy Henderson	59.22	4	4	2010	2010-10-01	82

Query executed successfully.

CHRISTIAN\SQLEXPRESS (15.0 ... CHRISTIAN\chris (57) : Soccer League

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```
/* Part 1) Query 6. Show me a list of match assignments of referees by position (head/linesman) , for each season.*/
SELECT
  R.FirstName + ' ' + R.LastName 'referee_full_name',
  YEAR(M.Date) 'season',
  CASE
    WHEN RM.Position = 'H' then 'Head'
    WHEN RM.Position = 'L' then 'Linesman'
  END 'position'
FROM RefMatch RM
JOIN
  Referee R ON RM.RefereeID=R.RefereeID
JOIN
  Match M ON RM.MatchID=M.MatchID
ORDER BY Year(M.Date)
```

	referee_full_name	season	position
1	Reese Stanley	2008	Head
2	Chadwick Robertson	2008	Linesman
3	Brielle Reed	2008	Linesman
4	Kellie Nunez	2008	Linesman
5	Kellie Nunez	2008	Head
6	Zelda Ware	2008	Linesman
7	Ronan Martin	2008	Head
8	Jessie Ward	2008	Linesman
9	Anthony Abston	2008	Head
10	Madison Emerson	2009	Linesman
11	Xavera Salinas	2009	Head
12	Tanya Clayton	2009	Head
13	Herrod Tanner	2009	Head
14	Ezekiel White	2009	Linesman
15	Todd Hopkins	2009	Head
16	Levi Estrada	2009	Head
17	Ronan Clark	2009	Linesman
18	Lesley Stone	2009	Linesman
19	Lesley Stone	2009	Linesman
20	Thomas Peterson	2009	Linesman
21	Thomas Herrera	2009	Head
22	Ezekiel Andrews	2009	Head
23	George Brooks	2009	Head
24	Iola Cole	2009	Linesman
25	Eagan Bond	2009	Linesman
26	Fernis Stephens	2009	Head
27	Elana Sears	2010	Linesman
28	Hu Hurst	2010	Head
29	Amela Crawford	2010	Linesman
30	Gloria Larson	2010	Linesman
31	Wika Carpenter	2010	Linesman
32	Jackson Erickson	2010	Linesman
33	Brielle Reed	2010	Head
34	Sierra Chandler	2010	Linesman
35	Lesley Stone	2010	Linesman
36	Thomas Peterson	2010	Linesman
37	Ronan Clark	2010	Linesman
38	Madaline Warner	2010	Linesman
39	Levi Estrada	2010	Head
40	Levi Estrada	2010	Linesman
41	Kathleen Conrad	2010	Head
42	Sean Guerra	2010	Linesman
43	Abraham England	2010	Linesman
44	Tanya Clayton	2010	Linesman
45	Morgan Sharpe	2010	Linesman
46	Ebony Stewart	2010	Linesman
47	Alka Castaneda	2011	Linesman
48	Anthony Abston	2011	Linesman
49	Anthony Abston	2011	Linesman
50	Madison Douglas	2011	Linesman
51	Abraham England	2011	Linesman
52	Jessie Ward	2011	Head
53	Glennia Patel	2011	Linesman
54	Sam Quins	2011	Linesman

```
-- Logic Check
/* Let's confirm by looking at the first few records */
SELECT *
FROM Referee
WHERE FirstName= 'Reese' or FirstName= 'Chadwick' or FirstName= 'Brielle'
--Let's look at RefID 1, 12, and 23
SELECT *
FROM RefMatch RM
JOIN Match M ON RM.MatchID=M.MatchID
WHERE (RefereeID=1 OR RefereeID= 12 OR RefereeID=23) AND YEAR(M.Date)=2008
/* Reese was indeed in the head position, Brielle as a linesman, and Chadwick R. as a linesman in 2008
[Query passes logic check*/
```

RefereeID	FirstName	LastName	Street	City	State	Zip	Phone	Email	MentorID
1	Reese	Stanley	229-2729 In Street	Kufstein	MS	55766	1615475132	donec.nibh.quisque@protonmail.com	NULL
2	12	Chadwick	Robertson	1254 Fusce St	Almere	MS	50538	4247584674	tellus.sem.mollis@yahoo.com
3	16	Chadwick	Boyer	Ap #688-6150 Morbi Street	Paya Lebar	GA	73262	6632417508	elit.pede@google.couk
4	23	Brielle	Reed	Ap #553-1588 Phasellus Rd	Cajamarca	GA	46157	5458876588	donec.nibh@hotmail.ca

RefereeID	MatchID	Position	MatchID	Date	FieldID
1	12	73	L	73	2008-08-04 8
2	1	87	H	87	2008-04-17 3
3	23	87	L	87	2008-04-17 3

Query executed successfully. CHRISTIAN/SQLEXPRESS (15.0 ... CHRISTIAN/chris (75) Soccer League 00:00:00 300 rows

Query executed successfully. CHRISTIAN/SQLEXPRESS (15.0 ... CHRISTIAN/chris (75) Soccer League 00:00:00 300 rows

-- Part 2) Creating Indexed View showing all matches with team names, scores and results, by season

```
CREATE VIEW dbo.MatchesTeams_Results_by_Season_VW_index
WITH SCHEMABINDING
AS
SELECT
    M.MatchID,
    T.TeamName AS team_name,
    MT.Goals AS goals,
    MT.Result AS result,
    YEAR(M.[Date]) AS season
FROM dbo.[Match] M
JOIN dbo.MatchTeam MT ON M.MatchID = MT.MatchID
JOIN dbo.Team T ON MT.TeamID = T.TeamID
```

Views

System Views

dbo.All_Teams_Captains_Coaches_VW

dbo.MatchesTeams_Results_by_Season_VW_index

Columns

Triggers

Indexes

ClX_MatchesTeams_Results_by_Season_VW (Clustered)

Statistics

dbo.Teams_Coaches_Contact_VW

dbo.VendorName_Type_VW_index

100 %

Messages

Commands completed successfully.

Completion time: 2024-04-06T20:36:40.9226620-04:00

SELECT TOP (1000) [MatchID]
 , [team_name]
 , [Goals]
 , [Result]
 , [season]
FROM [Soccer League].[dbo].[MatchesTeams_Results_by_Season_VW_index]

MatchID	team_name	Goals	Result	season
1	Horizon Hawks	11	L	2022
2	Horizon Hawks	4	L	2011
3	Horizon Hawks	13	W	2011
4	Horizon Hawks	7	W	2021
5	Titan Warriors	9	W	2011
6	Titan Warriors	11	W	2014
7	Titan Warriors	14	L	2016
8	Titan Warriors	8	W	2022
9	Titan Warriors	10	L	2021
10	Titan Warriors	11	W	2018
11	Titan Warriors	8	W	2010
12	Titan Warriors	11	L	2012
13	Titan Warriors	6	W	2015
14	Titan Warriors	12	L	2018
15	Titan Warriors	13	W	2010
16	Titan Warriors	11	L	2020
17	Titan Warriors	14	L	2017
18	Titan Warriors	3	L	2015
19	Landmark Royals	5	W	2013
20	Landmark Royals	6	L	2013
21	Landmark Royals	3	W	2016
22	Landmark Royals	6	W	2023
23	Landmark Royals	12	L	2019
24	Landmark Royals	12	W	2023
25	Landmark Royals	8	W	2010
26	Landmark Royals	8	W	2009
27	Landmark Royals	2	W	2019
28	Landmark Royals	7	L	2013
29	Victory Vipers	4	L	2011
30	Victory Vipers	8	W	2024
31	Victory Vipers	14	L	2009
32	Victory Vipers	8	W	2009
33	Victory Vipers	10	W	2023
34	Victory Vipers	13	L	2009
35	Thunder Strikers	13	W	2009
36	Thunder Strikers	4	W	2012
37	Thunder Strikers	7	W	2017
38	Thunder Strikers	13	L	2012
39	Thunder Strikers	13	W	2023
40	Thunder Strikers	7	W	2011
41	Thunder Strikers	14	W	2009
42	Thunder Strikers	7	L	2013
43	Thunder Strikers	7	W	2021
44	Thunder Strikers	13	W	2022
45	Thunder Strikers	4	W	2011
46	Galaxy Guardians	5	W	2019
47	Galaxy Guardians	3	L	2017
48	Galaxy Guardians	12	W	2012
49	Galaxy Guardians	1	L	2023
50	Galaxy Guardians	2	L	2022
51	Galaxy Guardians	9	L	2010
52	Galaxy Guardians	7	W	2014
53	Galaxy Guardians	7	L	2015
54	Avalanche FC	8	W	2009
55	Avalanche FC	4	W	2017
56	Avalanche FC	6	L	2019
57	Avalanche FC	9	W	2017
58	Avalanche FC	13	W	2016
59	Avalanche FC	13	L	2023
60	Avalanche FC	2	L	2016
61	Avalanche FC	13	L	2008

Query executed suc... CHRISTIAN\SQLEXPRESS (15.0... CHRISTIAN\chris (62) Soccer League 00:00:00 100 rows


```
/* Part 3) SPROC with Parameters- Show me a player performance summary of goals, minutes and penalties:
• Create this as a SPROC with a parameter for player and for season. */

CREATE PROC Player_Performance_by_Season_Para @PlayerName varchar(30), @Season int
AS
BEGIN
SELECT
    P.FirstName + ' ' + P.LastName 'player_name',
    SUM(PF.MinPlayed) 'total_mins_played',
    SUM(PF.GoalsScored) 'total_goals',
    SUM(PF.Penalties) 'total_penalties',
    YEAR(M.Date) 'season'
FROM Performance PF
JOIN
    Player P on PF.PlayerID=P.PlayerID
JOIN
    Match M ON PF.MatchID=M.MatchID
WHERE
    CONCAT(P.FirstName, ' ', P.LastName) = @PlayerName AND Year(M.Date) = @Season
GROUP BY
    YEAR(M.Date), P.FirstName, P.LastName
END
```

100 %

Messages

Commands completed successfully.

Completion time: 2024-04-06T21:07:18.8113110-04:00

```
USE [Soccer League]
GO

DECLARE @return_value int

EXEC @return_value = [dbo].[Player_Performance_by_Season_Para]
    @PlayerName = N'Aline Tyler',
    @Season = 2008

SELECT 'Return Value' = @return_value

GO
```

100 %

Results Messages

	player_name	total_mins_played	total_goals	total_penalties	season
1	Aline Tyler	34.58	0	1	2008

```
/* Part 3) SPROC with Parameters- Show me players on a team:
• Create this as a SPROC with a parameter for team and for season. */

CREATE PROC Player_Roster_by_Season_Para @TeamName varchar(30), @Season int
AS
BEGIN
SELECT
    T.TeamName AS 'team_name',
    (P.FirstName + ' ' + P.LastName) AS 'player_name',
    YEAR(TR.Season) AS 'season'
FROM
    Team T
JOIN
    TeamRoster TR ON T.TeamID= TR.TeamID
JOIN
    Player P ON TR.PlayerID= P.PlayerID
WHERE
    (T.TeamName LIKE '%' + @TeamName + '%') AND
    YEAR(TR.Season) = @Season
END
```

```
-- 2016 Season Roster for Titan Warriors Team
USE [Soccer League]
GO

DECLARE @return_value int

EXEC @return_value = [dbo].[Player_Roster_by_Season_Para]
    @TeamName = N'Titan',
    @Season = 2016

SELECT 'Return Value' = @return_value
GO
```

100 %

Results Messages

	team_name	player_name	season
1	Titan Warriors	Jason Parsons	2016
2	Titan Warriors	Maris Bruce	2016
3	Titan Warriors	Tamekah Kennedy	2016
4	Titan Warriors	Caleb Pugh	2016
5	Titan Warriors	Gage Howell	2016

Messages

Commands completed successfully.

Completion time: 2024-04-06T21:23:01.5767421-04:00

```
/* Part 3) SPROC with Parameters- Show me coaches for a team:
• Create this as a SPROC with a parameter for team, for position and for
season. */

CREATE PROC Coach_Team_Roster_Position_by_Season_Para @TeamName varchar(30), @Position char(2), @Season int
AS
BEGIN
SELECT
    C.FirstName + ' ' + C.LastName 'coach_name',
    'position'=
    case
    when Role = 'AC' then 'Assistant Coach'
    when Role= 'HC' then 'Head Coach'
    when Role= 'VC' then 'Volunteer Coach'
    end,
    T.TeamName 'team_name',
    YEAR(TC.Season) 'season'
FROM
    TeamCoach TC
JOIN
    Team T ON TC.TeamID=T.TeamID
JOIN
    Coach C ON TC.CoachID=C.CoachID
WHERE
    (T.TeamName LIKE '%' + @TeamName + '%') AND
    TC.Role = @Position AND
    YEAR(TC.Season) = @Season
END
```

100 %
Messages
Commands completed successfully.

Completion time: 2024-04-06T21:56:04.1964492-04:00

```
-- Show the Assistant Coach assigned to the Horizon Hawks Team in 2011 using the Parametric SPROC
USE [Soccer League]
GO

DECLARE @return_value int

EXEC @return_value = [dbo].[Coach_Team_Roster_Position_by_Season_Para]
    @TeamName = N'Horizon',
    @Position = N'AC',
    @Season = 2011

SELECT 'Return Value' = @return_value

GO
```

100 %
Results Messages

	coach_name	position	team_name	season
1	Marcia Davidson	Assistant Coach	Horizon Hawks	2011

/* Part 4) Nested Queries/Sub Queries Stored as SPROC- Show me players who are above the average age.
Average Age: 34 */

CREATE PROC Players_Above_Average_Age_SPROC
AS
BEGIN
SELECT
CONCAT(FirstName, ' ', LastName) 'players',
Age 'age'
FROM Player
WHERE Age >
(SELECT AVG(Age) FROM Player)
END

100 %

Messages

Commands completed successfully.

Completion time: 2024-04-06T23:20:51.8998320-04:00

SELECT AVG(Age)
FROM Player

EXECUTE Players_Above_Average_Age_SPROC

100 %

Results Messages

(No column name)

1 34

	players	age
1	Aline Tyler	37
2	Angelica Jefferson	47
3	Arden Bernard	41
4	Beatrice Montoya	44
5	Bradley Olsen	38
6	Briar Hoover	46
7	Callie Bush	38
8	Camille Frederick	36
9	Caryn O'donnell	42
10	Cathleen Wiggins	37
11	Chandler Gould	39
12	Channing Simon	42
13	Courtney Pena	39
14	Cynthia Ortiz	35
15	Dahlia Gilbert	37
16	Darrel Bradley	42
17	Deirdre Bryan	42
18	Denise Mcpherson	35
19	Erich Holcomb	43
20	Ferdinand Holland	41
21	Francis Christian	37
22	Gloria Schultz	41
23	Gregory Baird	35
24	Griffith Ware	41
25	Guy Webster	37
26	Harrison Cabrera	37
27	Hillary Gallegos	46
28	Holmes Mckenzie	43
29	Jael Thornton	38
30	Jamalia Nicholson	44
31	Jennifer Bright	36
32	Jolie Ryan	44
33	Jonah Myers	45
34	Jordan Moses	43
35	Justin Espinoza	37
36	Kameko Wells	42
37	Knox Holt	37
38	Kylie Decker	45
39	Leroy Henderson	41
40	Luke Dodson	35
41	Maris Foster	39
42	Marshall Pruitt	45
43	Mia Bush	47
44	Odysseus Dawson	43
45	Olga Walls	43
46	Olivia Bridges	38
47	Phelan Williams	45
48	Quentin Pugh	42
49	Ralph Valdez	44
50	Reuben Campbell	43
51	Samuel Todd	44
52	Tamekah Kennedy	44
53	Vanna Robles	43

```
/* Part 4) Nested Queries/Sub Queries Stored as SPROC- Show me players and their total goals, where the players
scored more than 1 goal above the average.*/

CREATE PROC Players_Total_Scores_More_Than_Above_Average_SPROC
AS
BEGIN
--First Query Considers the total sum of goals scored per player
SELECT
    P.PlayerID 'player_ID',
    PL.FirstName + ' ' + PL.LastName 'player_name',
    SUM(P.GoalsScored) 'total_goals_scored'
FROM
    Performance P
JOIN
    Player PL ON P.PlayerID=PL.PlayerID
GROUP BY P.PlayerID, (PL.FirstName + ' ' + PL.LastName) --Groups by Player
HAVING SUM(P.GoalsScored)> --Ensures we only show the players whose total goals exceed the average total goals per player +1
(SELECT AVG(GoalsScoredTotal) + 1 AS AverageGoalsScoredPlusOne --Selects the avg of the total sum of each player's goals
FROM (
    SELECT SUM(GoalsScored) AS GoalsScoredTotal
    FROM Performance
    GROUP BY PlayerID
) AS PlayerSumofGoals)
END
```

100 %

Messages

Commands completed successfully.

Completion time: 2024-04-06T23:56:03.9359241-04:00

--What is the avg of total goals per player?

```
SELECT AVG(GoalsScoredTotal) AS AverageGoalsScored
FROM (
    SELECT SUM(GoalsScored) AS GoalsScoredTotal
    FROM Performance
    GROUP BY PlayerID
) AS PlayerSumofGoals
-- It's 5, meaning the SPROC displays players whose total scores exceed 6
```

100 %

Results Messages

	AverageGoalsScored
--	--------------------

1	5
---	---

```
/* Part 4) Nested Queries/Sub Queries Stored as SPROC- Show the average age of all players on each team.*/
```

```
CREATE PROC Players_Average_Age_Per_Team_SPROC
AS
BEGIN
SELECT
    TeamName AS team_name,
    AVG(Age) AS average_age
FROM (
    SELECT
        T.TeamName,
        P.Age
    FROM Player P
    JOIN TeamRoster TR ON P.PlayerID = TR.PlayerID
    JOIN Team T ON TR.TeamID = T.TeamID
) AS TeamAges
GROUP BY TeamName;
END
```

Commands completed successfully.

Completion time: 2024-04-07T00:19:45.6209620-04:00

```
--Shows all ages for every player in the team roster table
```

```
SELECT
    T.TeamName,
    P.LastName,
    P.Age
FROM Player P
JOIN
    TeamRoster TR ON P.PlayerID = TR.PlayerID
JOIN
    Team T ON TR.TeamID = T.TeamID
```

```
--Executes Procedure created to the left
```

```
EXECUTE Players_Average_Age_Per_Team_SPROC
```

100 %
Results Messages

	TeamName	LastName	Age
1	Horizon Hawks	Christian	37
2	Horizon Hawks	Nicholson	44
3	Horizon Hawks	Goodman	32
4	Horizon Hawks	Decker	45
5	Horizon Hawks	Campbell	43
6	Horizon Hawks	Bruce	30
7	Horizon Hawks	Bell	24
8	Horizon Hawks	Delacruz	27
9	Horizon Hawks	Robles	43
10	Horizon Hawks	Moss	24
	team_name	average_age	
1	Avalanche FC	35	
2	Galaxy Guardians	33	
3	Horizon Hawks	35	
4	Landmark Royals	34	
5	Liberty Tigers	36	
6	Royal Lions	33	
7	Thunder Strikers	32	
8	Titan Warriors	34	
9	United Defeatists	34	
10	Victory Vipers	36	

```
/* Part 5) Using CTE Stored as SPROC- Show me winning teams from matches where the total goals scored
in the match is greater than 4.*/
```

```
CREATE PROC Winning_Teams_with_Total_Match_Goals_Above_4_SPROC
AS
BEGIN
--Total Goals Scored per Match on both sides as a CTE
WITH TotalGoalsperMatch_cte (MatchID, TotalGoals) AS
(
    SELECT MT.MatchID, SUM(MT.Goals) AS TotalGoals
    FROM MatchTeam MT
    GROUP BY MT.MatchID
    HAVING SUM(MT.Goals) > 4 --Having more than 4 total goals
)
SELECT TGM.MatchID,
       T.TeamName
FROM TotalGoalsperMatch_cte TGM
JOIN MatchTeam MT ON TGM.MatchID = MT.MatchID
JOIN Team T ON MT.TeamID = T.TeamID
WHERE MT.Result = 'W' --Ensures we only show the winning team
END
```

```
--Execute SPROC
EXECUTE Winning_Teams_with_Total_Match_Goals_Above_4_SPROC
-- There's 46 winning teams who participated in matches where the total goals scored was above 4
```

Commands completed successfully.

Completion time: 2024-04-07T01:03:38.1430370-04:00

MatchID	TeamName
2	Liberty Tigers
3	Landmark Royals
4	Titan Warriors
5	Avalanche FC
6	Galaxy Guardians
9	Thunder Strikers
11	Titan Warriors
13	Royal Lions
19	Liberty Tigers
21	United Defeatists
22	United Defeatists
24	Titan Warriors
27	Thunder Strikers
28	United Defeatists
29	Royal Lions
30	Victory Vipers
35	United Defeatists
37	Horizon Hawks
39	Landmark Royals
40	Titan Warriors
41	Titan Warriors
44	Titan Warriors
45	Avalanche FC
46	Liberty Tigers
51	Titan Warriors
52	Thunder Strikers
54	Thunder Strikers
56	Landmark Royals
57	Thunder Strikers
59	United Defeatists
62	Galaxy Guardians
63	Avalanche FC
68	Thunder Strikers
69	Horizon Hawks
70	Royal Lions
71	Thunder Strikers
73	United Defeatists
75	Landmark Royals
77	Landmark Royals
79	Victory Vipers
80	Victory Vipers
83	Liberty Tigers
92	Liberty Tigers
95	Galaxy Guardians
97	Royal Lions
100	Avalanche FC

Query executed successfully.

CHRISTIAN\SQLEXPRESS (15.0 ... CHRISTIAN\chris (51) Soccer League 00:00:00 46 rows

```

/* Part 5) Using CTE Stored as SPROC- Show me players from teams having a winning record in a season
Found this one incredibly challenging as I had to redo it for a couple hours because it kept failing my logic checks but I finally got it :)*/

CREATE PROC Players_Whose_Teams_Had_A_Winning_Streak_For_a_Season_SPROC
AS
BEGIN
WITH WinningTeamsForSeason_cte (WinningTeamID, WinningTeamName, Season) --This CTE looks at which TEAMS had a winning streak for a SEASON
AS
(
SELECT MT.TeamID AS WinningTeamID, T.TeamName AS WinningTeamName, YEAR(M.Date) AS Season
FROM MatchTeam MT
JOIN Match M ON MT.MatchID = M.MatchID
JOIN Team T ON MT.TeamID = T.TeamID
WHERE MT.Result = 'W' --Displays Teams who have had a win during that season... but now we have to make sure they didn't have any losses that season
AND T.TeamName NOT IN ( --Ensures the Team is NOT IN the result set of the teams that had a loss for that year
SELECT T2.TeamName
FROM MatchTeam MT2 --Have to create new aliases for nested query
JOIN Match M2 ON MT2.MatchID = M2.MatchID
JOIN Team T2 ON MT2.TeamID = T2.TeamID
WHERE MT2.Result = 'L'
AND YEAR(M2.Date) = YEAR(M.Date) --Ensures it only searches in current season winning streak (not all time)
)
GROUP BY MT.TeamID, T.TeamName, YEAR(M.Date)
)
SELECT
P.FirstName+ ' '+P.LastName 'PlayerName',
WTS.WinningTeamName,
WTS.Season
FROM WinningTeamsForSeason_cte WTS
JOIN
TeamRoster TR ON WTS.WinningTeamID=TR.TeamID
JOIN
Player P ON TR.PlayerID=P.PlayerID
WHERE WTS.Season=YEAR(TR.Season) /*Have to include this because otherwise result set includes players who belong in the future to that team,
even if not during the current season in which they had their winning streak*/
ORDER BY WTS.Season
END

```

100 %
Messages
Commands completed successfully.
Completion time: 2024-04-07T02:21:25.9589640-04:00

```

--Executing SPROC just created and final logic check
EXECUTE Players_Whose_Teams_Had_A_Winning_Streak_For_A_Season_SPROC
--There was only one player in Victory Vipers in 2024?
SELECT *
FROM Team -- it's team 4

SELECT *
FROM TeamRoster TR
WHERE YEAR(Season)=2024 AND TeamID=4
--we only had one player in the team and they still came out on top :)

```

100 %
Results Messages

	PlayerName	WinningTeamName	Season
123	Kennedy Sims	Thunder Strikers	2023
124	Amber Macdonald	Thunder Strikers	2023
125	Kylie Decker	Liberty Tigers	2023
126	Aline Tyler	Liberty Tigers	2023
127	Kennedy Sims	Liberty Tigers	2023
128	Phelan Williams	Victory Vipers	2024

	TeamID	TeamName	CaptainID
1	1	Horizon Hawks	26
2	2	Titan Warriors	17
3	3	Landmark Royals	66
4	4	Victory Vipers	10
5	5	Thunder Strikers	68
6	6	Galaxy Guardians	82
7	7	Avalanche FC	65
8	8	United Defeatists	22
9	9	Royal Lions	6
10	10	Liberty Tigers	48

	TeamID	PlayerID	Season
1	4	12	2024-01-20


```
--Making the view we just created (which we had saved as a CTE in previous query, and now a view) to a table
CREATE VIEW Seasonal_Winning_Teams_VW
AS
SELECT MT.TeamID AS WinningTeamID, T.TeamName AS WinningTeamName, YEAR(M.Date) AS Season
FROM MatchTeam MT
JOIN Match M ON MT.MatchID = M.MatchID
JOIN Team T ON MT.TeamID = T.TeamID
WHERE MT.Result = 'W'
AND T.TeamName NOT IN (
    SELECT T2.TeamName
    FROM MatchTeam MT2
    JOIN Match M2 ON MT2.MatchID = M2.MatchID
    JOIN Team T2 ON MT2.TeamID = T2.TeamID
    WHERE MT2.Result = 'L'
    AND YEAR(M2.Date) = YEAR(M.Date)
)
GROUP BY MT.TeamID, T.TeamName, YEAR(M.Date)
```

```
/* Part 6) Show me players and their coaches from winning teams, by season:
• First and last name of players and coaches, team names, and season */

CREATE PROC Players_Coaches_from_Winning_Teams_SPROC
AS
BEGIN
SELECT --1ST QUERY TO JOIN Players to Winning Teams
    'Player' AS Category,
    CONCAT(P.FirstName, ' ', P.LastName) AS 'Name',
    WT.WinningTeamName,
    WT_Season
FROM Seasonal_Winning_Teams_VW WT --JOINING THE VIEW TO OUR TABLES IN 1ST QUERY
JOIN
    TeamRoster TR ON WT.WinningTeamID=TR.TeamID
JOIN
    Player P ON TR.PlayerID=P.PlayerID
WHERE WT_Season=YEAR(TR.Season)
UNION ALL
SELECT --2nd QUERY TO JOIN Coaches to Winning Teams
    'Coach' AS Category,
    CONCAT(C.FirstName, ' ', C.LastName),
    WT.WinningTeamName,
    WT_Season
FROM Seasonal_Winning_Teams_VW WT --JOINING THE VIEW TO OUR TABLES IN 2ND QUERY
JOIN
    TeamCoach TC ON WT.WinningTeamID=TC.TeamID
JOIN
    Coach C ON TC.CoachID=C.CoachID
WHERE WT_Season=YEAR(TC.Season)
ORDER BY WT_Season
END
```

EXECUTE Players_Coaches_from_Winning_Teams_SPROC

Category	Name	WinningTeamName	Season
1 Player	Jasper Owen	Thunder Strikers	2009
2 Player	Illana Gallegos	Thunder Strikers	2009
3 Player	Wynter Klein	Thunder Strikers	2009
4 Player	Jason Peck	Thunder Strikers	2009
5 Player	Francis Christian	Landmark Royals	2009
6 Player	Riley Dalton	Landmark Royals	2009
7 Player	Deirdre Bryan	Landmark Royals	2009
8 Player	Arden Bernard	Avalanche FC	2009
9 Player	Melodie Velazquez	Avalanche FC	2009
10 Player	Derek Rose	Avalanche FC	2009
11 Coach	Clark Cortez	Landmark Royals	2009
12 Player	Sheila Flynn	Landmark Royals	2010
13 Player	Cathleen Wiggins	Landmark Royals	2010
14 Player	Derek Rose	Landmark Royals	2010
15 Player	Moana Ramos	Landmark Royals	2010
16 Player	Ralph Valdez	Thunder Strikers	2011
17 Player	Melodie Velazquez	Thunder Strikers	2011
18 Player	Aline Tyler	Thunder Strikers	2011
19 Player	Jason Peck	Thunder Strikers	2011
20 Player	Ursa Vazquez	Thunder Strikers	2011
21 Player	September Bray	Thunder Strikers	2011
22 Player	Knox Holt	Titan Warriors	2011
23 Player	Ivana Wiggins	Titan Warriors	2011
24 Player	Georgia Oneil	Titan Warriors	2011
25 Player	Hadassah Manning	Titan Warriors	2011
26 Player	Beatrice Montoya	Titan Warriors	2011
27 Coach	Inga Garrett	United Defeatists	2011
28 Coach	Mannix Fitzpatrick	Titan Warriors	2011
29 Coach	Ebony Horne	Thunder Strikers	2011
30 Player	Hamish Foster	United Defeatists	2011
31 Player	Olivia Bridges	United Defeatists	2011

Commands completed successfully.

Completion time: 2024-04-07T03:04:54.9073727-04:00