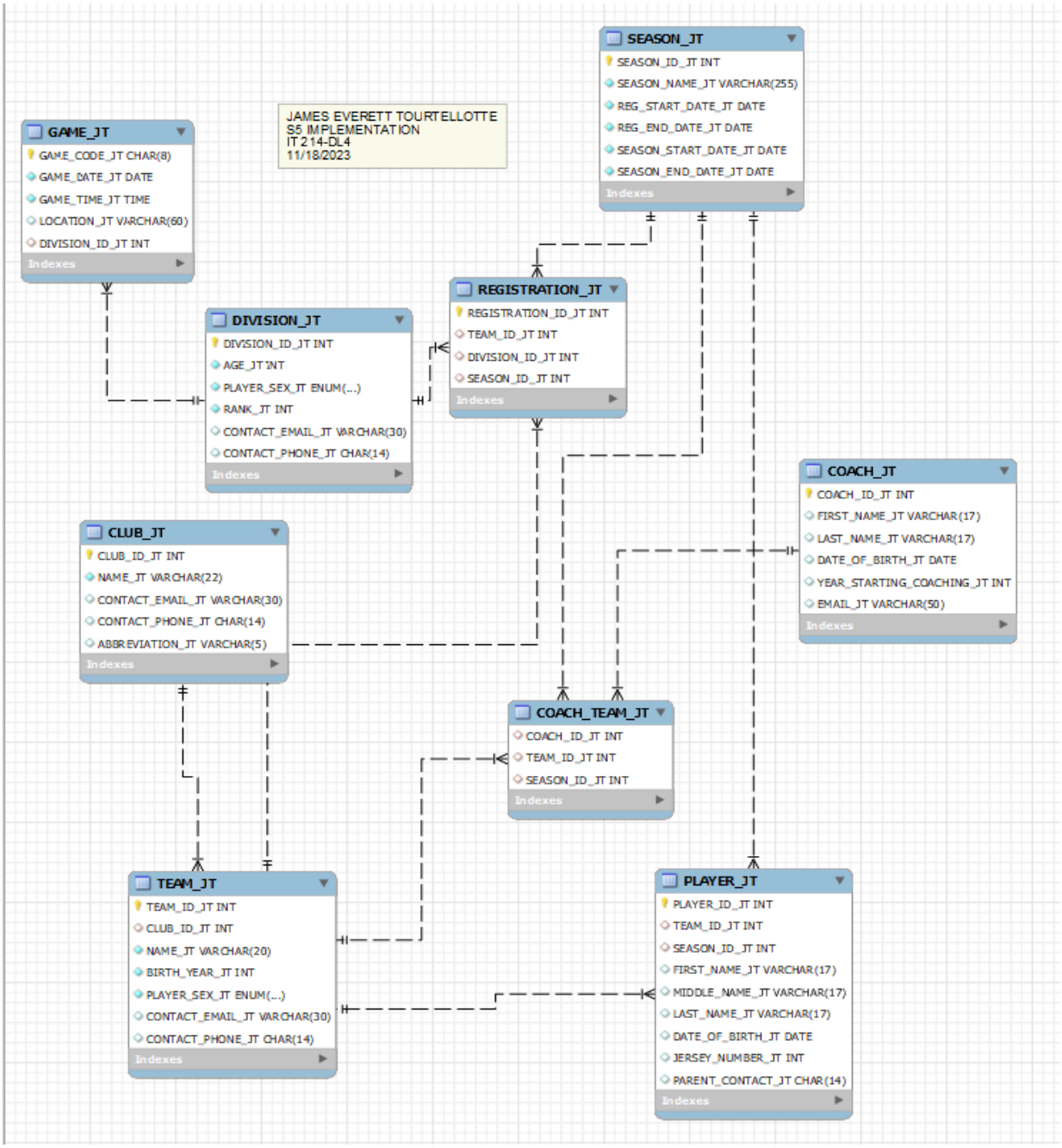
James Everett Tourtellotte IV
11/18/2023
IT 214 - DL4
S5 Implementation Assignment

Full ERD



Task 2 - Create Database

Input:

```
1    -- Task 2 Create database by [James Tourtellotte]
2
3    CREATE DATABASE SOCCER_LEAGUE_JT;
4
5    USE SOCCER_LEAGUE_JT;
6
7    SHOW DATABASES;
8
```

Output:

#	Time	Action	Message
1	14:35:13	CREATE DATABASE SOCCER_LEAGUE_JT	1 row(s) affected
2	14:35:13	USE SOCCER_LEAGUE_JT	0 row(s) affected
3	14:35:13	SHOW DATABASES	14 row(s) returned
4	14:35:13	SHOW TABLES	0 row(s) returned

Task 3 - Create Tables

Input 1/6:

```sql
CREATE TABLE SEASON_JT (
    SEASON_ID_JT INT AUTO_INCREMENT PRIMARY KEY,
    SEASON_NAME_JT VARCHAR(255) NOT NULL,
    REG_START_DATE_JT DATE NOT NULL,
    REG_END_DATE_JT DATE NOT NULL,
    SEASON_START_DATE_JT DATE NOT NULL,
    SEASON_END_DATE_JT DATE NOT NULL
);

CREATE TABLE DIVISION_JT (
    DIVISION_ID_JT INT AUTO_INCREMENT PRIMARY KEY,
    AGE_JT INT NOT NULL,
    PLAYER_SEX_JT ENUM('boys', 'girls') NOT NULL,
    RANK_JT INT NOT NULL,
    CONTACT_EMAIL_JT VARCHAR(30),
    CONTACT_PHONE_JT CHAR(14)
);
```

Input 2/6:

```sql
CREATE TABLE CLUB_JT (
    CLUB_ID_JT INT AUTO_INCREMENT PRIMARY KEY,
    NAME_JT VARCHAR(22) NOT NULL,
    CONTACT_EMAIL_JT VARCHAR(30),
    CONTACT_PHONE_JT CHAR(14),
    ABBREVIATION_JT VARCHAR(5)
);

CREATE TABLE TEAM_JT (
    TEAM_ID_JT INT AUTO_INCREMENT PRIMARY KEY,
    CLUB_ID_JT INT,
    NAME_JT VARCHAR(20) NOT NULL,
    BIRTH_YEAR_JT INT NOT NULL,
    PLAYER_SEX_JT ENUM('boys', 'girls') NOT NULL,
    CONTACT_EMAIL_JT VARCHAR(30),
    CONTACT_PHONE_JT CHAR(14),
    UNIQUE (CLUB_ID_JT, NAME_JT),
    FOREIGN KEY (CLUB_ID_JT) REFERENCES CLUB_JT(CLUB_ID_JT)
);
```

Task 3 - Create Tables Continued:

Input 3/6

```
52  CREATE TABLE REGISTRATION_JT (
53      REGISTRATION_ID_JT INT AUTO_INCREMENT PRIMARY KEY,
54      TEAM_ID_JT INT,
55      DIVISION_ID_JT INT,
56      SEASON_ID_JT INT,
57      FOREIGN KEY (TEAM_ID_JT) REFERENCES TEAM_JT(TEAM_ID_JT),
58      FOREIGN KEY (DIVISION_ID_JT) REFERENCES DIVISION_JT(DIVISION_ID_JT),
59      FOREIGN KEY (SEASON_ID_JT) REFERENCES SEASON_JT(SEASON_ID_JT)
60  );
61
62  SHOW TABLES;
63  DESCRIBE SEASON_JT;
64  DESCRIBE DIVISION_JT;
65  DESCRIBE CLUB_JT;
66  DESCRIBE TEAM_JT;
67  DESCRIBE REGISTRATION_JT;
68
```

Input 4/6

```
62      -- PLAYER_JT
63  CREATE TABLE PLAYER_JT (
64      PLAYER_ID_JT INT AUTO_INCREMENT PRIMARY KEY,
65      TEAM_ID_JT INT,
66      SEASON_ID_JT INT,
67      FIRST_NAME_JT VARCHAR(17),
68      MIDDLE_NAME_JT VARCHAR(17),
69      LAST_NAME_JT VARCHAR(17),
70      DATE_OF_BIRTH_JT DATE,
71      JERSEY_NUMBER_JT INT,
72      PARENT_CONTACT_JT CHAR(14),
73      FOREIGN KEY (TEAM_ID_JT) REFERENCES TEAM_JT(TEAM_ID_JT),
74      FOREIGN KEY (SEASON_ID_JT) REFERENCES SEASON_JT(SEASON_ID_JT)
75  );
76
77      -- COACH_JT
78  CREATE TABLE COACH_JT (
79      COACH_ID_JT INT AUTO_INCREMENT PRIMARY KEY,
80      FIRST_NAME_JT VARCHAR(17),
81      LAST_NAME_JT VARCHAR(17),
82      DATE_OF_BIRTH_JT DATE,
83      YEAR_STARTING_COACHING_JT INT,
84      EMAIL_JT VARCHAR(50)
85  );
```

Input 5/6

```
87      -- COACH_TEAM_JT
88  •   CREATE TABLE COACH_TEAM_JT (
89          COACH_ID_JT INT,
90          TEAM_ID_JT INT,
91          SEASON_ID_JT INT,
92          FOREIGN KEY (COACH_ID_JT) REFERENCES COACH_JT(COACH_ID_JT),
93          FOREIGN KEY (TEAM_ID_JT) REFERENCES TEAM_JT(TEAM_ID_JT),
94          FOREIGN KEY (SEASON_ID_JT) REFERENCES SEASON_JT(SEASON_ID_JT)
95      );
```

Input 6/6

```
97      -- GAME_JT
98  •   CREATE TABLE GAME_JT (
99          GAME_CODE_JT CHAR(8) PRIMARY KEY,
100         GAME_DATE_JT DATE NOT NULL,
101         GAME_TIME_JT TIME NOT NULL,
102         LOCATION_JT VARCHAR(60),
103         DIVISION_ID_JT INT,
104         FOREIGN KEY (DIVISION_ID_JT) REFERENCES DIVISION_JT(DIVISION_ID_JT)
105     );
106
```

Output:

.

✓	5	12:14:10	CREATE TABLE SEASON_JT (SEASON_ID_JT INT AUTO_INCREMENT PRIMARY KEY, SEASON_NAME_JT VARCHAR(255) NOT NUL...	0 row(s) affected
✓	6	12:14:10	CREATE TABLE DIVISION_JT (DIVISION_ID_JT INT AUTO_INCREMENT PRIMARY KEY, AGE_JT INT NOT NULL, PLAYER_SEX_JT ...	0 row(s) affected
✓	7	12:14:10	CREATE TABLE CLUB_JT (CLUB_ID_JT INT AUTO_INCREMENT PRIMARY KEY, NAME_JT VARCHAR(22) NOT NULL, CONTACT_E...	0 row(s) affected
✓	8	12:14:10	CREATE TABLE TEAM_JT (TEAM_ID_JT INT AUTO_INCREMENT PRIMARY KEY, CLUB_ID_JT INT, NAME_JT VARCHAR(20) NOT N...	0 row(s) affected
✓	9	12:14:10	CREATE TABLE REGISTRATION_JT (REGISTRATION_ID_JT INT AUTO_INCREMENT PRIMARY KEY, TEAM_ID_JT INT, DIVISION_I...	0 row(s) affected
✓	10	12:14:10	CREATE TABLE PLAYER_JT (PLAYER_ID_JT INT AUTO_INCREMENT PRIMARY KEY, TEAM_ID_JT INT, SEASON_ID_JT INT, FI...	0 row(s) affected
✓	11	12:14:10	CREATE TABLE COACH_JT (COACH_ID_JT INT AUTO_INCREMENT PRIMARY KEY, FIRST_NAME_JT VARCHAR(17), LAST_NAME_...	0 row(s) affected
✓	12	12:14:10	CREATE TABLE COACH_TEAM_JT (COACH_ID_JT INT, TEAM_ID_JT INT, SEASON_ID_JT INT, FOREIGN KEY (COACH_ID_JT) R...	0 row(s) affected
✓	13	12:14:10	CREATE TABLE GAME_JT (GAME_CODE_JT CHAR(8) PRIMARY KEY, GAME_DATE_JT DATE NOT NULL, GAME_TIME_JT TIME NO...	0 row(s) affected

Task 4 - Add Data

Input 1/5 :

```
    -- Insert Seasons
    INSERT INTO SEASON_JT (SEASON_NAME_JT, REG_START_DATE_JT, REG_END_DATE_JT, SEASON_START_DATE_JT, SEASON_END_DATE_JT) VALUES
    ('SUMMER 2021', '2021-05-11', '2021-05-14', '2021-06-15', '2021-09-15'),
    ('SPRING 2019', '2019-02-21', '2019-02-22', '2019-03-15', '2019-06-15'),
    ('WINTER 2022', '2022-11-05', '2022-11-29', '2022-12-15', '2023-03-15'),
    ('FALL 2023', '2023-05-01', '2023-05-30', '2023-08-24', '2023-12-08');

    -- Insert Divisions
    INSERT INTO DIVISION_JT (AGE_JT, PLAYER_SEX_JT, RANK_JT, CONTACT_EMAIL_JT, CONTACT_PHONE_JT) VALUES
    (12, 'boys', 1, 'u12boys_div1@example.com', '(123) 456-7890'),
    (14, 'boys', 1, 'u14boys_div1@example.com', '(234) 567-8901'),
    (10, 'girls', 2, 'u10girls_div2@example.com', '(345) 678-9012'),
    (15, 'girls', 2, 'u15girls_div2@example.com', '(456) 789-0123');

    -- Insert Clubs
    INSERT INTO CLUB_JT (NAME_JT, ABBREVIATION_JT) VALUES
    ('Hawks', 'HWK'),
    ('Eagles', 'EGL'),
    ('Falcons', 'FLC');
```

Input 2/5:

```
-- Insert Teams with contact email and phone for Club 'Eagles'
INSERT INTO TEAM_JT (CLUB_ID_JT, NAME_JT, BIRTH_YEAR_JT, PLAYER_SEX_JT, CONTACT_EMAIL_JT, CONTACT_PHONE_JT) VALUES
((SELECT CLUB_ID_JT FROM CLUB_JT WHERE NAME_JT = 'Eagles'), 'Red', 2010, 'boys', 'red.team@example.com', '(567) 890-1234'),
((SELECT CLUB_ID_JT FROM CLUB_JT WHERE NAME_JT = 'Eagles'), 'Blue', 2008, 'boys', 'blue.team@example.com', '(678) 901-2345');

-- Insert Teams with contact email and phone for another club 'Hawks'
INSERT INTO TEAM_JT (CLUB_ID_JT, NAME_JT, BIRTH_YEAR_JT, PLAYER_SEX_JT, CONTACT_EMAIL_JT, CONTACT_PHONE_JT) VALUES
((SELECT CLUB_ID_JT FROM CLUB_JT WHERE NAME_JT = 'Hawks'), 'Green', 2009, 'girls', 'green.team@example.com', '(789) 012-3456'),
((SELECT CLUB_ID_JT FROM CLUB_JT WHERE NAME_JT = 'Hawks'), 'Yellow', 2007, 'girls', 'yellow.team@example.com', '(890) 123-4567');

-- Insert a team with contact email and phone for the third club, but don't register it to any division
INSERT INTO TEAM_JT (CLUB_ID_JT, NAME_JT, BIRTH_YEAR_JT, PLAYER_SEX_JT, CONTACT_EMAIL_JT, CONTACT_PHONE_JT) VALUES
((SELECT CLUB_ID_JT FROM CLUB_JT WHERE NAME_JT = 'Falcons'), 'White', 2011, 'boys', 'white.team@example.com', '(901) 234-5678');



-- Register Teams to Divisions
-- Register 'Red' and 'Blue' to the first and second divisions for 'SPRING 2019'
INSERT INTO REGISTRATION_JT (TEAM_ID_JT, DIVISION_ID_JT, SEASON_ID_JT) VALUES
((SELECT TEAM_ID_JT FROM TEAM_JT WHERE NAME_JT = 'Red'), 1, 2),
((SELECT TEAM_ID_JT FROM TEAM_JT WHERE NAME_JT = 'Red'), 2, 2),
((SELECT TEAM_ID_JT FROM TEAM_JT WHERE NAME_JT = 'Blue'), 1, 2),
((SELECT TEAM_ID_JT FROM TEAM_JT WHERE NAME_JT = 'Blue'), 2, 2);
```

Task 4 - Continued

Input 3/5 :

```
-- Register 'Green' and 'Yellow' to the third and fourth divisions for 'SUMMER 2021'
INSERT INTO REGISTRATION_JT (TEAM_ID_JT, DIVISION_ID_JT, SEASON_ID_JT) VALUES
((SELECT TEAM_ID_JT FROM TEAM_JT WHERE NAME_JT = 'Green'), 3, 1),
((SELECT TEAM_ID_JT FROM TEAM_JT WHERE NAME_JT = 'Green'), 4, 1),
((SELECT TEAM_ID_JT FROM TEAM_JT WHERE NAME_JT = 'Yellow'), 3, 1),
((SELECT TEAM_ID_JT FROM TEAM_JT WHERE NAME_JT = 'Yellow'), 4, 1);
```

Input 4/6

```
142   -- Insert players
143 • INSERT INTO PLAYER_JT (TEAM_ID_JT, SEASON_ID_JT, FIRST_NAME_JT, MIDDLE_NAME_JT, LAST_NAME_JT, DATE_OF_BIRTH_JT, JERSEY_NUMBER_JT, PARENT_CONTACT_JT) VALUES
144   -- Two players with jersey number 33
145   ((SELECT TEAM_ID_JT FROM TEAM_JT WHERE NAME_JT = 'Team A'), (SELECT SEASON_ID_JT FROM SEASON_JT WHERE SEASON_NAME_JT = 'SPRING 2021'), 'John', 'E.', 'Doe', '2005-04-12', 33, '(123) 456-7890'),
146   ((SELECT TEAM_ID_JT FROM TEAM_JT WHERE NAME_JT = 'Team B'), (SELECT SEASON_ID_JT FROM SEASON_JT WHERE SEASON_NAME_JT = 'SPRING 2020'), 'Jane', 'F.', 'Smith', '2006-05-15', 33, '(234) 567-8901'
147   -- Additional Players
148 • INSERT INTO PLAYER_JT (TEAM_ID_JT, SEASON_ID_JT, FIRST_NAME_JT, MIDDLE_NAME_JT, LAST_NAME_JT, DATE_OF_BIRTH_JT, JERSEY_NUMBER_JT, PARENT_CONTACT_JT) VALUES
149   -- Player 3
150   ((SELECT TEAM_ID_JT FROM TEAM_JT WHERE NAME_JT = 'Team C'), (SELECT SEASON_ID_JT FROM SEASON_JT WHERE SEASON_NAME_JT = 'SPRING 2020'), 'Michael', 'G.', 'Brown', '2007-08-09', 10, '(345) 678-90
151   -- Player 4
152   ((SELECT TEAM_ID_JT FROM TEAM_JT WHERE NAME_JT = 'Team D'), (SELECT SEASON_ID_JT FROM SEASON_JT WHERE SEASON_NAME_JT = 'SPRING 2021'), 'Sara', 'H.', 'Davis', '2006-12-11', 15, '(456) 789-0123'
153   -- Player 5
154   ((SELECT TEAM_ID_JT FROM TEAM_JT WHERE NAME_JT = 'Team E'), (SELECT SEASON_ID_JT FROM SEASON_JT WHERE SEASON_NAME_JT = 'SPRING 2021'), 'Emily', 'I.', 'Wilson', '2005-03-14', 21, '(567) 890-123
155
```

Input 5/6

```
158   -- Insert coaches
159 • INSERT INTO COACH_JT (FIRST_NAME_JT, LAST_NAME_JT, DATE_OF_BIRTH_JT, YEAR_STARTING_COACHING_JT, EMAIL_JT) VALUES
160   -- Two coaches who started in 2000
161   ('Alice', 'Johnson', '1970-03-25', 2000, 'alice.johnson@example.com'),
162   ('Bob', 'Williams', '1968-07-30', 2000, 'bob.williams@example.com');
163   -- Additional Coaches
164 • INSERT INTO COACH_JT (FIRST_NAME_JT, LAST_NAME_JT, DATE_OF_BIRTH_JT, YEAR_STARTING_COACHING_JT, EMAIL_JT) VALUES
165   -- Coach 3
166   ('Chris', 'Miller', '1980-02-17', 2005, 'chris.miller@example.com'),
167   -- Coach 4
168   ('Patricia', 'Lee', '1975-04-20', 2008, 'patricia.lee@example.com'),
169   -- Coach 5
170   ('David', 'Harris', '1982-09-22', 2010, 'david.harris@example.com');
171
```

Input 6/6

```
INSERT INTO COACH_TEAM_JT (COACH_ID_JT, TEAM_ID_JT, SEASON_ID_JT) VALUES
-- Coaches for SPRING 2019
((SELECT COACH_ID_JT FROM COACH_JT WHERE FIRST_NAME_JT = 'Alice'), (SELECT TEAM_ID_JT FROM TEAM_JT WHERE NAME_JT = 'Team A'), (SELECT SEASON_ID_JT FROM SEASON_JT WHERE SEASON_NAME_JT = 'SPRING
((SELECT COACH_ID_JT FROM COACH_JT WHERE FIRST_NAME_JT = 'Bob'), (SELECT TEAM_ID_JT FROM TEAM_JT WHERE NAME_JT = 'Team B'), (SELECT SEASON_ID_JT FROM SEASON_JT WHERE SEASON_NAME_JT = 'SPRING 2
INSERT INTO COACH_TEAM_JT (COACH_ID_JT, TEAM_ID_JT, SEASON_ID_JT) VALUES
-- Coach 3 for FALL 2019
((SELECT COACH_ID_JT FROM COACH_JT WHERE FIRST_NAME_JT = 'Chris'), (SELECT TEAM_ID_JT FROM TEAM_JT WHERE NAME_JT = 'Team C'), (SELECT SEASON_ID_JT FROM SEASON_JT WHERE SEASON_NAME_JT = 'FALL 2
-- Coach 4 for SPRING 2020
((SELECT COACH_ID_JT FROM COACH_JT WHERE FIRST_NAME_JT = 'Patricia'), (SELECT TEAM_ID_JT FROM TEAM_JT WHERE NAME_JT = 'Team D'), (SELECT SEASON_ID_JT FROM SEASON_JT WHERE SEASON_NAME_JT = 'SPR
-- Coach 5 for SPRING 2021
((SELECT COACH_ID_JT FROM COACH_JT WHERE FIRST_NAME_JT = 'David'), (SELECT TEAM_ID_JT FROM TEAM_JT WHERE NAME_JT = 'Team E'), (SELECT SEASON_ID_JT FROM SEASON_JT WHERE SEASON_NAME_JT = 'SPRING
```

Output :

.

✓	49	14:33:30	INSERT INTO SEASON_JT (SEASON_NAME_JT, REG_START_DATE_JT, REG_END_DATE_JT, SEASON_START_DATE_JT, SEASON_END_D...
✓	50	14:33:30	INSERT INTO DIVISION_JT (AGE_JT, PLAYER_SEX_JT, RANK_JT, CONTACT_EMAIL_JT, CONTACT_PHONE_JT) VALUES (12, 'boys', 1, 'u12boy...
✓	51	14:33:30	INSERT INTO CLUB_JT (NAME_JT, ABBREVIATION_JT) VALUES ('Hawks', 'HWK'), ('Eagles', 'EGL'), ('Falcons', 'FLC')
✓	52	14:33:30	INSERT INTO TEAM_JT (CLUB_ID_JT, NAME_JT, BIRTH_YEAR_JT, PLAYER_SEX_JT, CONTACT_EMAIL_JT, CONTACT_PHONE_JT) VALUES ((..
✓	53	14:33:30	INSERT INTO TEAM_JT (CLUB_ID_JT, NAME_JT, BIRTH_YEAR_JT, PLAYER_SEX_JT, CONTACT_EMAIL_JT, CONTACT_PHONE_JT) VALUES ((..
✓	54	14:33:30	INSERT INTO TEAM_JT (CLUB_ID_JT, NAME_JT, BIRTH_YEAR_JT, PLAYER_SEX_JT, CONTACT_EMAIL_JT, CONTACT_PHONE_JT) VALUES ((..
✓	55	14:33:30	INSERT INTO PLAYER_JT (TEAM_ID_JT, SEASON_ID_JT, FIRST_NAME_JT, MIDDLE_NAME_JT, LAST_NAME_JT, DATE_OF_BIRTH_JT, JERS...
✓	56	14:33:30	INSERT INTO PLAYER_JT (TEAM_ID_JT, SEASON_ID_JT, FIRST_NAME_JT, MIDDLE_NAME_JT, LAST_NAME_JT, DATE_OF_BIRTH_JT, JERS...
✓	57	14:33:30	INSERT INTO COACH_JT (FIRST_NAME_JT, LAST_NAME_JT, DATE_OF_BIRTH_JT, YEAR_STARTING_COACHING_JT, EMAIL_JT) VALUES -- T..
✓	58	14:33:30	INSERT INTO COACH_JT (FIRST_NAME_JT, LAST_NAME_JT, DATE_OF_BIRTH_JT, YEAR_STARTING_COACHING_JT, EMAIL_JT) VALUES -- C..
✓	59	14:33:30	INSERT INTO COACH_TEAM_JT (COACH_ID_JT, TEAM_ID_JT, SEASON_ID_JT) VALUES -- Coaches for SPRING 2019 ((SELECT COACH_ID_JT ...
✓	60	14:33:30	INSERT INTO COACH_TEAM_JT (COACH_ID_JT, TEAM_ID_JT, SEASON_ID_JT) VALUES -- Coach 3 for FALL 2019 ((SELECT COACH_ID_JT FRO..
✓	61	14:33:30	INSERT INTO REGISTRATION_JT (TEAM_ID_JT, DIVISION_ID_JT, SEASON_ID_JT) VALUES ((SELECT TEAM_ID_JT FROM TEAM_JT WHERE ...
✓	62	14:33:30	INSERT INTO REGISTRATION_JT (TEAM_ID_JT, DIVISION_ID_JT, SEASON_ID_JT) VALUES ((SELECT TEAM_ID_JT FROM TEAM_JT WHERE ...

Task 5 - Query the Data by James Tourtellotte

Input 1/7:

```
125     -- Task number 5 by James Tourtellotte  --
126
127     -- emails for spring teams --
128
129 ●   SELECT
130         T.NAME_JT AS name,
131         T.CONTACT_EMAIL_JT AS email
132     FROM
133         TEAM_JT T
134     JOIN
135         REGISTRATION_JT R ON T.TEAM_ID_JT = R.TEAM_ID_JT
136     JOIN
137         SEASON_JT S ON R.SEASON_ID_JT = S.SEASON_ID_JT
138     WHERE
139         S.SEASON_NAME_JT = 'Spring 2019'
140     ORDER BY
141         T.NAME_JT ASC;
142
```

Input 2/7 :

```
-- list divisions task --

SELECT
    D.AGE_JT AS age,
    D.PLAYER_SEX_JT AS gender,
    D.RANK_JT AS divrank,
    D.CONTACT_PHONE_JT AS phone,
    S.SEASON_NAME_JT AS season
FROM
    DIVISION_JT D
JOIN
    REGISTRATION_JT R ON D.DIVISION_ID_JT = R.DIVISION_ID_JT
JOIN
    SEASON_JT S ON R.SEASON_ID_JT = S.SEASON_ID_JT
WHERE
    EXISTS (
        SELECT 1
        FROM TEAM_JT T
        WHERE T.NAME_JT = 'Red'
        AND R.TEAM_ID_JT = T.TEAM_ID_JT
    )
ORDER BY
    D.RANK_JT;
```

Task 5 - continued
Input 3/7

```
-- list eagles teams and divisions 2019 spring --

SELECT
    T.NAME_JT AS team_name,
    D.AGE_JT AS age,
    D.PLAYER_SEX_JT AS gender,
    D.RANK_JT AS divrank
FROM
    TEAM_JT T
JOIN
    CLUB_JT C ON T.CLUB_ID_JT = C.CLUB_ID_JT
JOIN
    REGISTRATION_JT R ON T.TEAM_ID_JT = R.TEAM_ID_JT
JOIN
    DIVISION_JT D ON R.DIVISION_ID_JT = D.DIVISION_ID_JT
JOIN
    SEASON_JT S ON R.SEASON_ID_JT = S.SEASON_ID_JT
WHERE
    C.NAME_JT = 'Eagles'
AND
    S.SEASON_NAME_JT = 'Spring 2019';
```

Input 4/7

```
-- spring 12 and under

SELECT
    T.NAME_JT AS team_name,
    C.NAME_JT AS club_name,
    T.BIRTH_YEAR_JT AS year_of_birth
FROM
    TEAM_JT T
JOIN
    CLUB_JT C ON T.CLUB_ID_JT = C.CLUB_ID_JT
JOIN
    REGISTRATION_JT R ON T.TEAM_ID_JT = R.TEAM_ID_JT
JOIN
    DIVISION_JT D ON R.DIVISION_ID_JT = D.DIVISION_ID_JT
JOIN
    SEASON_JT S ON R.SEASON_ID_JT = S.SEASON_ID_JT
WHERE
    D.AGE_JT <= 12
AND
    S.SEASON_NAME_JT = 'Spring 2019';
```

Task 5 - Continued

Input 5/7

```
298 •  SELECT COUNT(*)
299    FROM PLAYER_JT P
300    JOIN SEASON_JT S ON P.SEASON_ID_JT = S.SEASON_ID_JT
301    WHERE S.SEASON_NAME_JT = 'Spring 2021';
302
303 •  SELECT COUNT(DISTINCT C.COACH_ID_JT)
304    FROM COACH_JT C
305    JOIN COACH_TEAM_JT CT ON C.COACH_ID_JT = CT.COACH_ID_JT
306    JOIN SEASON_JT S ON CT.SEASON_ID_JT = S.SEASON_ID_JT
307    WHERE S.SEASON_NAME_JT = 'Spring 2019';
308
309 •  SELECT CONCAT(FIRST_NAME_JT, ' ', LAST_NAME_JT) AS player
310    FROM PLAYER_JT
311    WHERE JERSEY_NUMBER_JT = (SELECT MAX(JERSEY_NUMBER_JT) FROM PLAYER_JT);
312
313
314 •  SELECT CONCAT(FIRST_NAME_JT, ' ', LAST_NAME_JT) AS coach
315    FROM COACH_JT
316    WHERE YEAR_STARTING_COACHING_JT = (SELECT MIN(YEAR_STARTING_COACHING_JT) FROM COACH_JT);
317
```

Input 6/7

```sql
SELECT
    C.NAME_JT AS ClubName,
    COUNT(DISTINCT T.TEAM_ID_JT) AS TotalTeams
FROM
    CLUB_JT C
JOIN
    TEAM_JT T ON C.CLUB_ID_JT = T.CLUB_ID_JT
GROUP BY
    C.NAME_JT
ORDER BY
    C.NAME_JT;


SELECT
    D.DIVISION_ID_JT,
    COUNT(DISTINCT T.TEAM_ID_JT) AS TotalTeams
FROM
    DIVISION_JT D
JOIN
    REGISTRATION_JT R ON D.DIVISION_ID_JT = R.DIVISION_ID_JT
JOIN
    TEAM_JT T ON R.TEAM_ID_JT = T.TEAM_ID_JT
JOIN
    SEASON_JT S ON R.SEASON_ID_JT = S.SEASON_ID_JT
WHERE
    S.SEASON_NAME_JT = CONCAT('Spring ', YEAR(CURDATE()))
GROUP BY
    D.DIVISION_ID_JT;
```

Input 7/7

```
360 •   SELECT
361         C.FIRST_NAME_JT,
362         C.LAST_NAME_JT,
363         COUNT(DISTINCT G.GAME_CODE_JT) AS TotalGames
364     FROM
365         COACH_JT C
366     JOIN
367         COACH_TEAM_JT CT ON C.COACH_ID_JT = CT.COACH_ID_JT
368     JOIN
369         TEAM_JT T ON CT.TEAM_ID_JT = T.TEAM_ID_JT
370     JOIN
371         REGISTRATION_JT R ON T.TEAM_ID_JT = R.TEAM_ID_JT
372     JOIN
373         GAME_JT G ON R.DIVISION_ID_JT = G.DIVISION_ID_JT
374     GROUP BY
375         C.FIRST_NAME_JT, C.LAST_NAME_JT
376     ORDER BY
377         C.FIRST_NAME_JT, C.LAST_NAME_JT;
378
379 •   SELECT
380         LOCATION_JT,
381         COUNT(*) AS NumberOfGames
382     FROM
383         GAME_JT
384     GROUP BY
385         LOCATION_JT
386     ORDER BY
387         LOCATION_JT;
```

Task 5 continued

Output:

34	12:14:10	SELECT T.NAME_JT AS name, T.CONTACT_EMAIL_JT AS email FROM TEAM_JT T JOIN REGISTRATION_JT R ON T.TEAM_ID...	4 row(s) returned
35	12:14:10	SELECT D.AGE_JT AS age, D.PLAYER_SEX_JT AS gender, D.RANK_JT AS divrank, D.CONTACT_PHONE_JT AS phone, S.SE...	2 row(s) returned
36	12:14:10	SELECT T.NAME_JT AS team_name, D.AGE_JT AS age, D.PLAYER_SEX_JT AS gender, D.RANK_JT AS divrank FROM TEAM...	4 row(s) returned
37	12:14:10	SELECT T.NAME_JT AS team_name, C.NAME_JT AS club_name, T.BIRTH_YEAR_JT AS year_of_birth FROM TEAM_JT T JOIN ...	2 row(s) returned
38	12:14:10	SELECT COUNT(*) FROM PLAYER_JT P JOIN SEASON_JT S ON P.SEASON_ID_JT = S.SEASON_ID_JT WHERE S.SEASON_NAME_JT = 'S...	1 row(s) returned
39	12:14:10	SELECT COUNT(DISTINCT C.COACH_ID_JT) FROM COACH_JT C JOIN COACH_TEAM_JT CT ON C.COACH_ID_JT = CT.COACH_ID_JT JOIN...	1 row(s) returned
40	12:14:10	SELECT CONCAT(FIRST_NAME_JT, ' ', LAST_NAME_JT) AS player FROM PLAYER_JT WHERE JERSEY_NUMBER_JT = (SELECT MAX(JERS...	2 row(s) returned
41	12:14:10	SELECT CONCAT(FIRST_NAME_JT, ' ', LAST_NAME_JT) AS coach FROM COACH_JT WHERE YEAR_STARTING_COACHING_JT = (SELECT...	2 row(s) returned
42	12:14:10	SELECT C.NAME_JT AS ClubName, COUNT(DISTINCT T.TEAM_ID_JT) AS TotalTeams FROM CLUB_JT C JOIN TEAM_JT T ON C...	3 row(s) returned
43	12:14:10	SELECT D.DIVISION_ID_JT, COUNT(DISTINCT T.TEAM_ID_JT) AS TotalTeams FROM DIVISION_JT D JOIN REGISTRATION_JT ...	0 row(s) returned
44	12:14:10	SELECT C.FIRST_NAME_JT, C.LAST_NAME_JT, COUNT(DISTINCT G.GAME_CODE_JT) AS TotalGames FROM COACH_JT C JOI...	0 row(s) returned
45	12:14:10	SELECT LOCATION_JT, COUNT(*) AS NumberOfGames FROM GAME_JT GROUP BY LOCATION_JT ORDER BY LOCATION_J...	0 row(s) returned