Final DB Project Example Queries

1.) List all RenewalDates, EquipmentId, and Size from Certifications table and Measurement table with RenewalDate between 12/1/2022-1/1/2023 and with Size 'XXL'.

SELECT Certifications.RenewalDate, Certifications.EquipmentId, Measurements.Size

FROM Certifications, Measurements, Equipment

WHERE Equipment.MeasurementId = Measurements.MeasurementId

AND Certifications.EquipmentId = Equipment.EquipmentId

AND Measurements.Size = 'XXL'

AND Certifications.ExpirationDate BETWEEN #12/1/2022# AND #1/1/2023#;

2.) List all LastName from Players and ExpirationDate from Certifications where EquipmentType is 'Pads' and ExpirationDate is between 12/1/2022-1/1/2023 from Certifications.

SELECT Players.PlayerLastName

FROM Players, Equipment, Certifications

WHERE Players.PlayerId=Equipment.PlayerId

AND Equipment.EquipmentType ='Pads'

 AND Certifications.RenewalDate=#1/27/2023#;

3.) List all LockerCombination from Lockers for Coaches with 'Nike Sweatpants' GearDescription and GearQuantity > 1.

SELECT Lockers.LockerCombination

FROM Lockers, Coaches, Gear

WHERE Gear.GearDescription = 'Nike Sweatpants' AND Gear.CoachId = Coaches.CoachId
AND Coaches.LockerId = Lockers.LockerId;

4.) List EquipmentType from Equipment for PlayerId equal to '3' and LockerCombination equal to '11-21-31'.

SELECT Equipment.EquipmentType

FROM Players, Lockers, Equipment

WHERE Players.PlayerId = 6

AND LockerCombination = '11-21-31' AND Players.LockerId = Lockers.LockerId AND Equipment.PlayerId = Players.PlayerId;

5.) What is Player C.J. Brasile's LockerCombination?

SELECT Lockers.LockerCombination, Players.PlayerFirstName, PlayerLastName

FROM Lockers, Players

WHERE Players.PlayerId = 5

AND Lockers.LockerId = 10;

6.) Which Player's wear JerseyNumber '53'?

SELECT PlayerFirstName, PlayerLastName

FROM Players

WHERE JerseyNumber = 53;

7.) Who is the TE Coach?

SELECT CoachFirstName, CoachLastName

FROM Coaches

WHERE PositionGroup = 'TE';

8.) Is Player Cole Snyder's helmet certification expired?

SELECT Players.PlayerFirstName, Players.PlayerLastName, Certifications.isExpired

FROM Players, Equipment, Certifications

WHERE Players.PlayerId = Equipment.PlayerId AND Certifications.EquipmentId = Equipment.EquipmentId AND Players.PlayerLastName = 'Snyder';

9.) Calculate the number of Players that have Coach 'O'Hagan' (CoachId = 3) in their PositionGroup as new field labeled "PositionGroupSize".

SELECT Count (*) AS PositionGroupSize

FROM Coaches, Players

WHERE Coaches.CoachId = 3

AND Coaches.CoachId = Players.CoachId;

10.)   Calculate the total number of GearQuantity assigned to CoachID '3' as new field labeled "TotalGear".

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SELECT SUM(Gear.GearQuantity) AS TotalGear

FROM Coaches, Gear

WHERE Coaches.CoachId = Gear.CoachId

AND Coaches.CoachId = 3;
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