**Select all fields all runners from the Runners table**

SELECT \* FROM Runners

**Find Aaron Cosgrove’s record**

SELECT FirstName, Gender FROM Runners WHERE FirstName = "Aaron COSGROVE"

**Find all Aarons**

SELECT FirstName, Gender FROM Runners WHERE FirstName LIKE "Aaron%"

1. **The percent sign % wildcard matches any sequence of zero or more characters.**
2. **The underscore \_ wildcard matches any single character.**

**Find all the Smiths**

SELECT FirstName, Gender FROM Runners WHERE FirstName LIKE "%Smith"

**Find the Johns (first or middle name) and the Johnsons**

SELECT FirstName, Gender FROM Runners WHERE FirstName LIKE "%John%"

**Find the Smiths and Smyths and potentially more**

SELECT FirstName, Gender FROM Runners WHERE FirstName LIKE "%Sm\_th"

**Select all the runners and their times joining Runners and results**

SELECT Runners.FirstName, Runners.Gender, Results.Time FROM Runners INNER JOIN Results ON Runners.RunnerID = Results.RunnerID

**Select all runners who ever ran under 20 minutes (at this stage time is a text fied)**

SELECT Runners.FirstName, Runners.Gender, Results.Time

FROM Runners

INNER JOIN Results ON Runners.RunnerID = Results.RunnerID

WHERE Results.Time LIKE "1\_:%"

**Select all runners who are affiliated to a Running Club**

SELECT Runners.FirstName, Clubs.ClubName

FROM Runners

INNER JOIN Clubs ON Clubs.ClubID = Runners.RunningClubID

**Select all runners and display their running club if they have one**

SELECT Runners.FirstName, Clubs.ClubName

FROM Runners

LEFT JOIN Clubs ON Clubs.ClubID = Runners.RunningClubID

**Select all runners and display their running club if they have one**

**And their times**

SELECT Runners.FirstName, Clubs.ClubName, Results.Time

FROM Runners

LEFT JOIN Clubs ON Clubs.ClubID = Runners.RunningClubID

JOIN Results ON Results.RunnerID = Runners.RunnerID

**Select all runners who are affiliated to a Running Club**

**Display their times**

**Group by Running club**

SELECT Runners.FirstName, Clubs.ClubName, Results.Time

FROM Runners

JOIN Clubs ON Clubs.ClubID = Runners.RunningClubID

JOIN Results ON Results.RunnerID = Runners.RunnerID

ORDER BY ClubName

**All runners, their results and when and where they achieved those results**

SELECT Runners.FirstName, Results.ResultTime, Events.EventDate, Chapters.ChapterName

FROM Runners

JOIN Results ON Results.RunnerID=Runners.RunnerID

JOIN Events ON Events.EventID = Results.EventID

JOIN Chapters ON Chapters.ChapterID = Events.ChapterID

**Same as above with running club for those who have one**

SELECT Runners.FirstName, Clubs.ClubName, Results.ResultTime, Events.EventDate, Chapters.ChapterName

FROM Runners

LEFT JOIN Clubs ON Clubs.ClubID = Runners.RunningClubID

JOIN Results ON Results.RunnerID=Runners.RunnerID

JOIN Events ON Events.EventID = Results.EventID

JOIN Chapters ON Chapters.ChapterID = Events.ChapterID

**Number of runners per club**

SELECT COUNT (Runners.RunnerID), Clubs.ClubName

FROM Runners

JOIN Clubs ON Clubs.ClubID = Runners.RunningClubID

GROUP BY Runners.RunningClubID

**Number of runners per club in descending order**

SELECT COUNT (Runners.RunnerID), Clubs.ClubName

FROM Runners

JOIN Clubs ON Clubs.ClubID = Runners.RunningClubID

GROUP BY Runners.RunningClubID

ORDER BY COUNT (Runners.RunnerID) DESC

**Number of runners per club in descending order for clubs starting in R**

SELECT COUNT (Runners.RunnerID), Clubs.ClubName

FROM Runners

JOIN Clubs ON Clubs.ClubID = Runners.RunningClubID

WHERE Clubs.ClubName LIKE "R%"

GROUP BY Runners.RunningClubID

ORDER BY COUNT (Runners.RunnerID) DESC