Bitácora SQL Datawarehouse

**SQL sintaxis**

[**Select** 3](#_Toc37434549)

[**Select distinct** 4](#_Toc37434550)

[**Where** 5](#_Toc37434551)

[**AND, OR, NOT** 6](#_Toc37434552)

[**Order by** 7](#_Toc37434553)

[**Insert into** 8](#_Toc37434554)

[**Update** 9](#_Toc37434555)

[**Delete** 9](#_Toc37434556)

[**Select top** 9](#_Toc37434557)

[**Max y Min** 11](#_Toc37434558)

[**Count, AVG y SUM** 12](#_Toc37434559)

[**LIKE** 14](#_Toc37434560)

[**Wildcard** 14](#_Toc37434561)

[**In** 15](#_Toc37434562)

[**BETWEEN** 16](#_Toc37434563)

[**Aliases** 17](#_Toc37434564)

[**Join** 17](#_Toc37434565)

[**Inner join** 18](#_Toc37434566)

[**LEFT JOIN** 19](#_Toc37434567)

[**RIGHT JOIN** 21](#_Toc37434568)

[**FULL OUTER JOIN** 22](#_Toc37434569)

[**Self join** 23](#_Toc37434570)

[**Union** 23](#_Toc37434571)

[**GROUP BY** 24](#_Toc37434572)

[**HAVING** 24](#_Toc37434573)

[**EXISTS** 25](#_Toc37434574)

[**ANY, ALL** 27](#_Toc37434575)

[**Any** 27](#_Toc37434576)

[**All** 28](#_Toc37434577)

[**SELECT INTO** 28](#_Toc37434578)

[**INSERT INTO SELECT** 29](#_Toc37434579)

[**CASE** 30](#_Toc37434580)

[**NULL FUNCTIONS** 31](#_Toc37434581)

[**STORED PROCEDURES** 32](#_Toc37434582)

[**COMMENTS** 32](#_Toc37434583)

[**CREATE DATABASE** 33](#_Toc37434584)

[**DROP DATABASE** 34](#_Toc37434585)

[**BACKUP DATABASE** 34](#_Toc37434586)

[**CREATE TABLE** 35](#_Toc37434587)

[**DROP TABLE** 36](#_Toc37434588)

[**ALTER TABLE** 36](#_Toc37434589)

[**CREATE CONSTRAINTS** 37](#_Toc37434590)

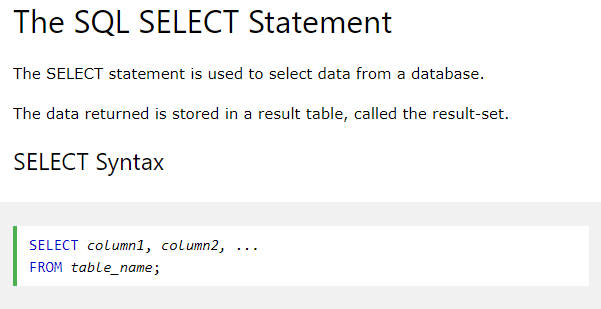
[**NOT NULL on CREATE TABLE** 38](#_Toc37434591)

[**Check** 40](#_Toc37434592)

[**CREATE VIEW** 40](#_Toc37434593)

# 

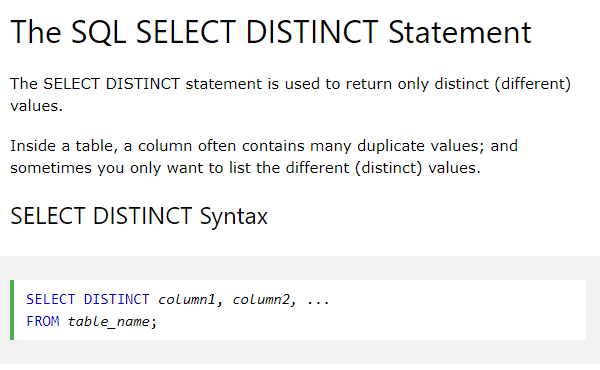
# **Select**



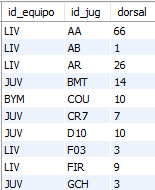




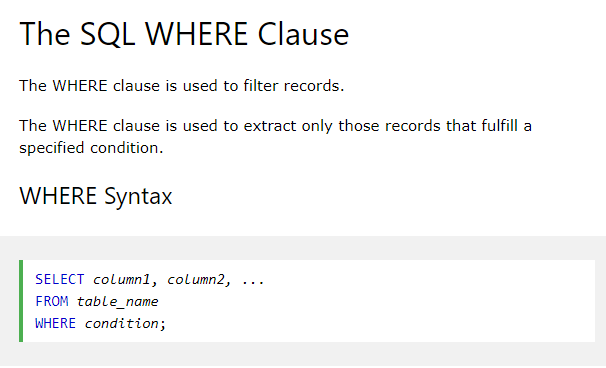
# **Select distinct**



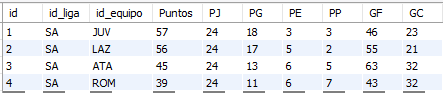




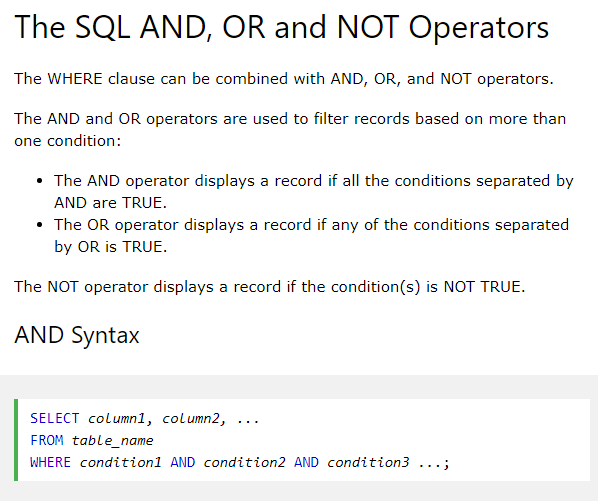
# **Where**



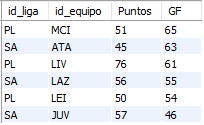




# **AND, OR, NOT**



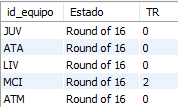




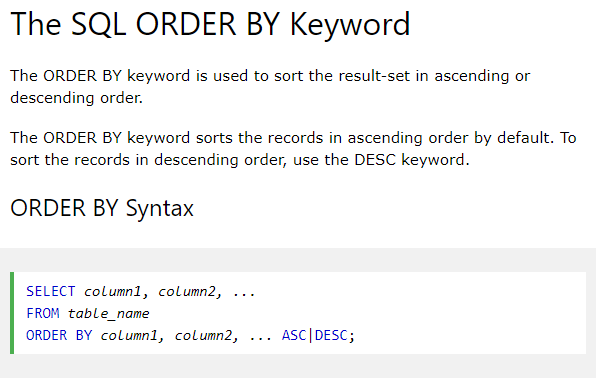








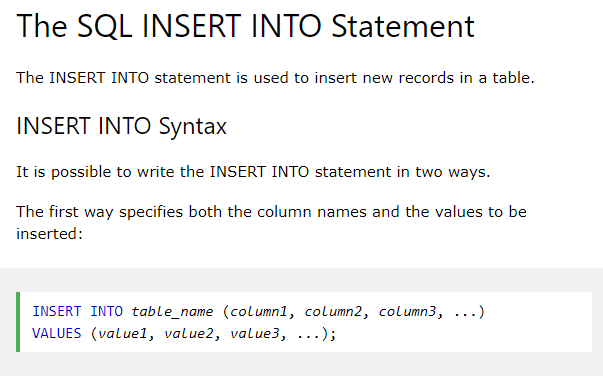
# **Order by**





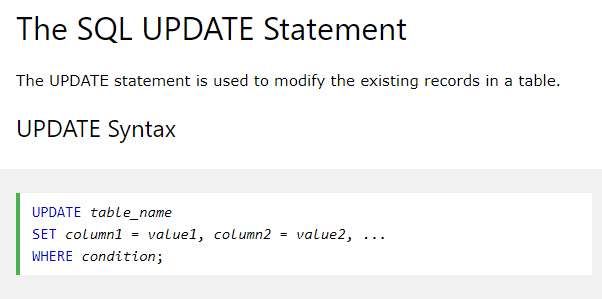


# **Insert into**





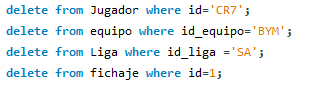
# **Update**



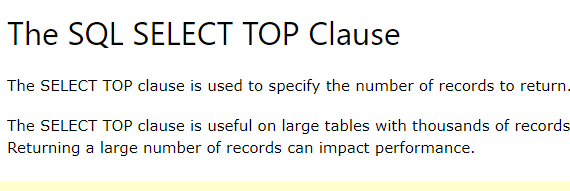


# **Delete**

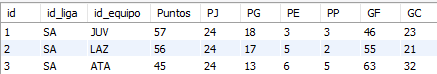




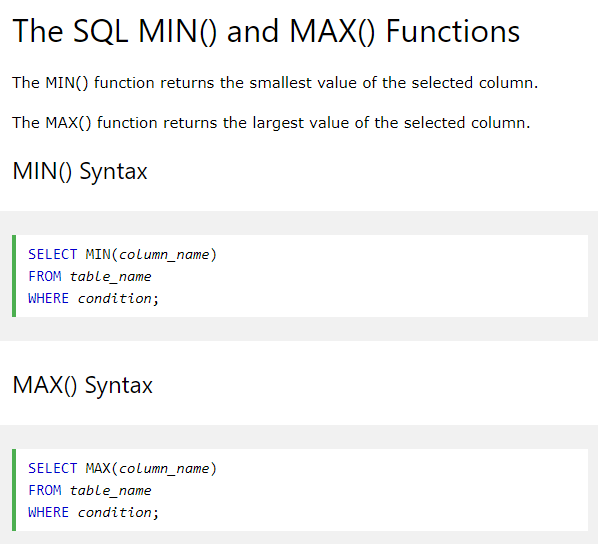
# **Select top**







# **Max y Min**



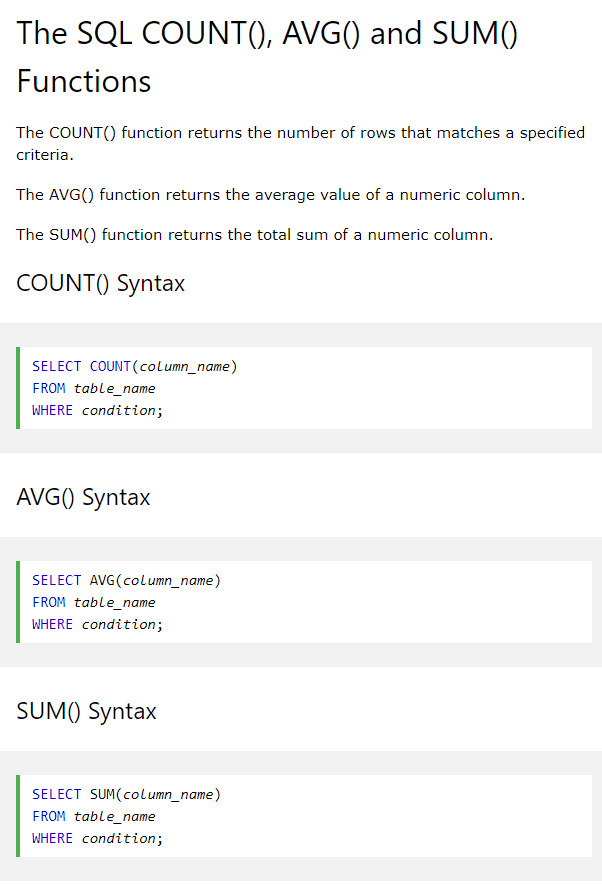








# **Count, AVG y SUM**







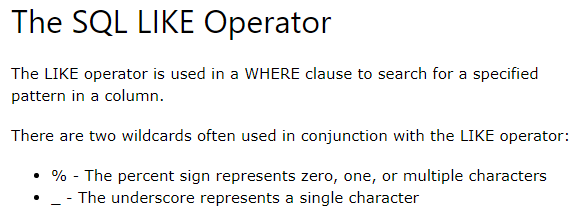








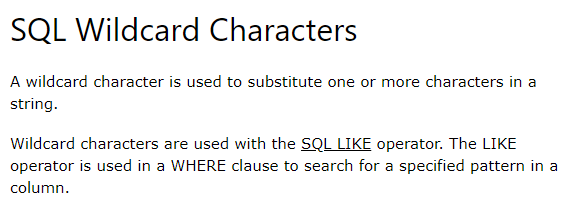
# **LIKE**







# **Wildcard**



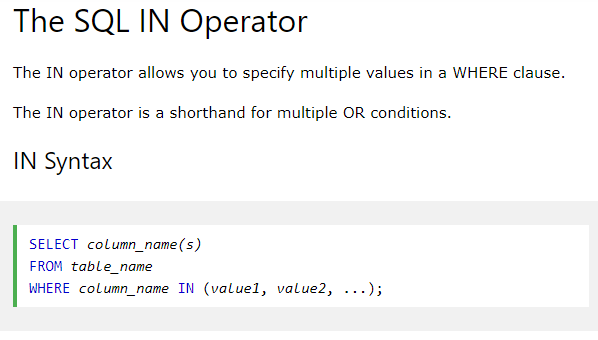




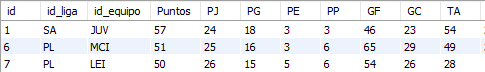




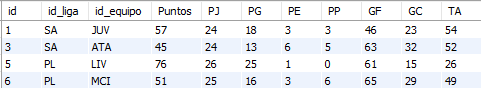
# **In**



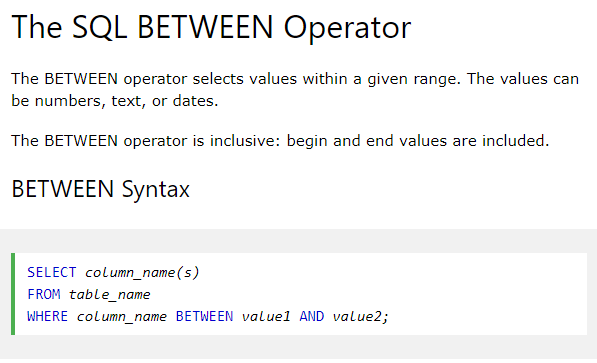




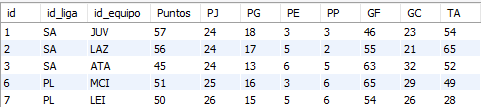




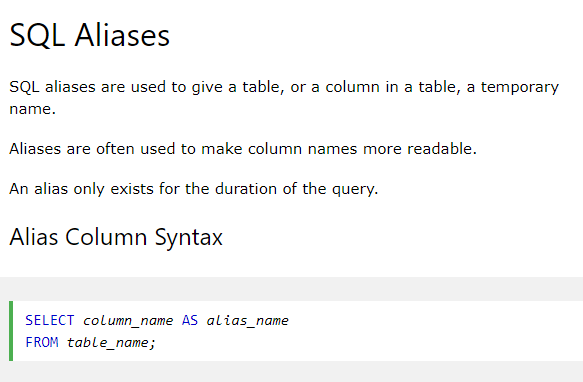
# **BETWEEN**







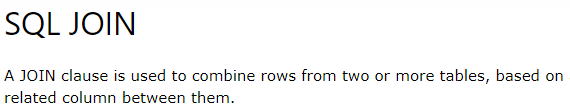
# **Aliases**

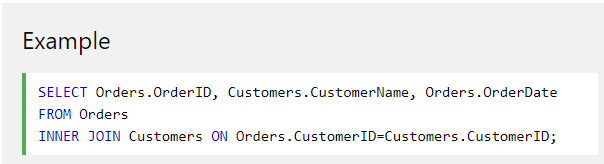


select id\_jug as short, id\_equipo as Team, Nombre, Nacionalidad, Nacimiento, dorsal,posicion from jugador;

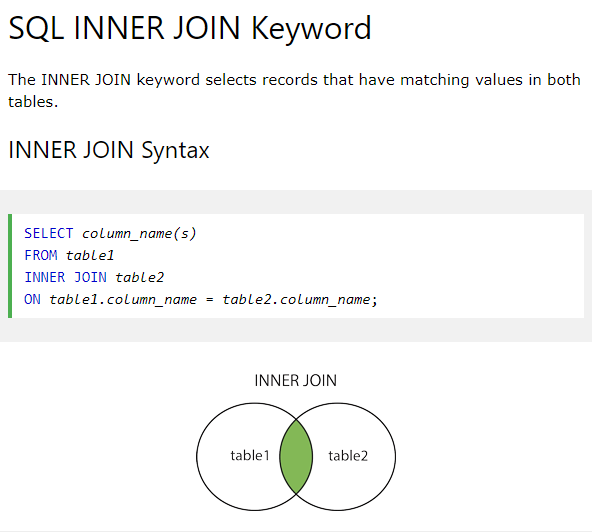


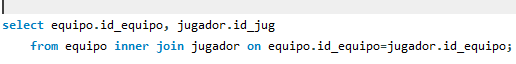
# **Join**

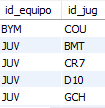




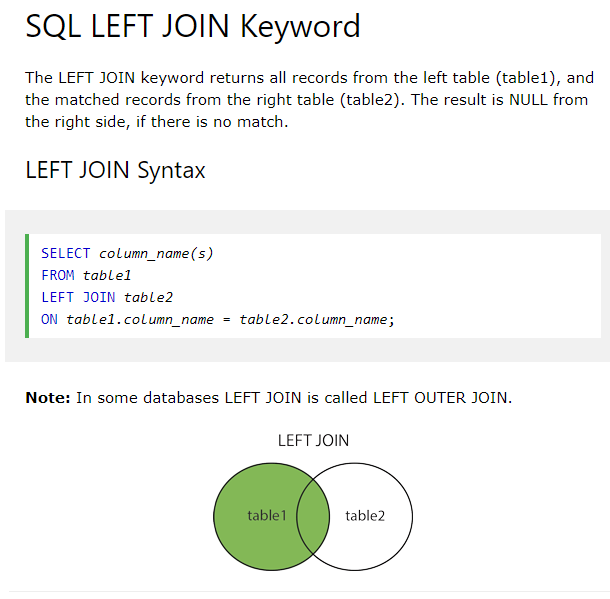
# **Inner join**

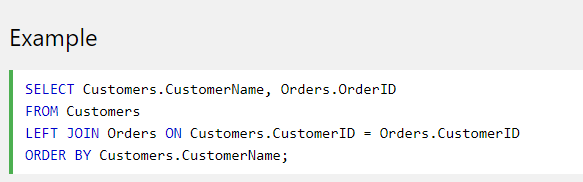






# **LEFT JOIN**

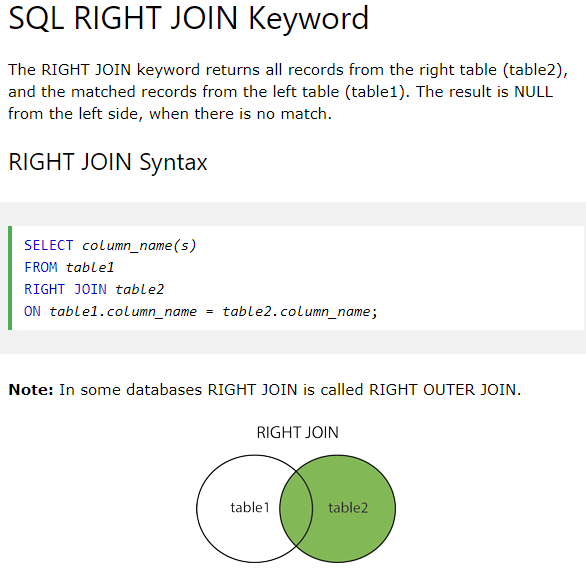




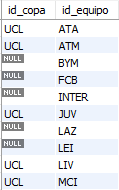




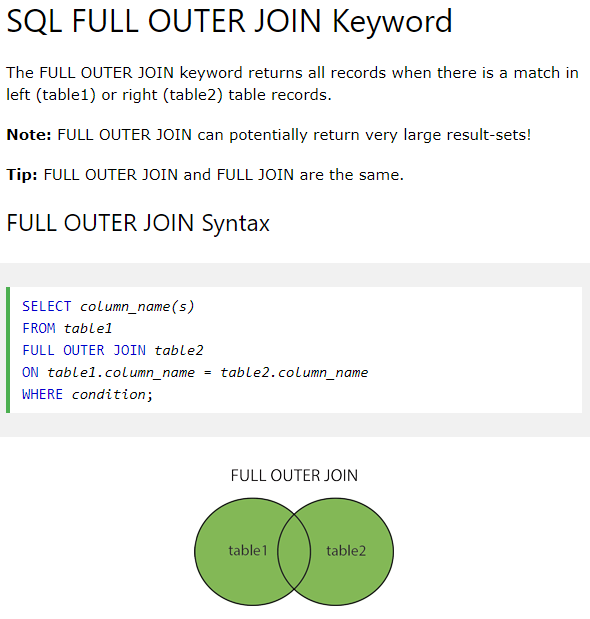
# **RIGHT JOIN**



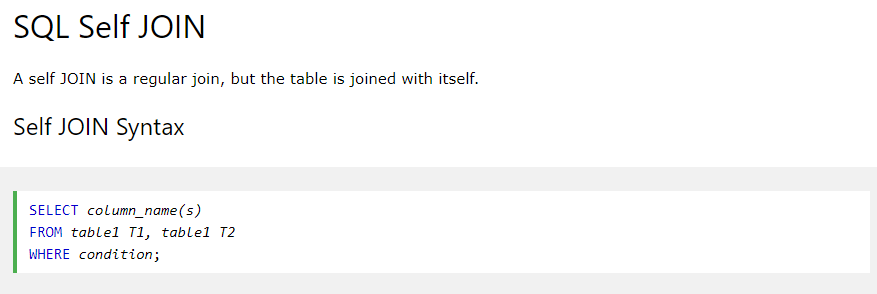




# **FULL OUTER JOIN**



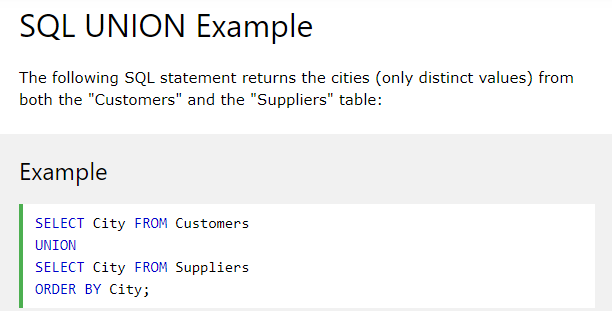
# **Self join**

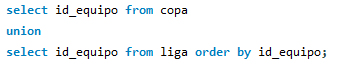






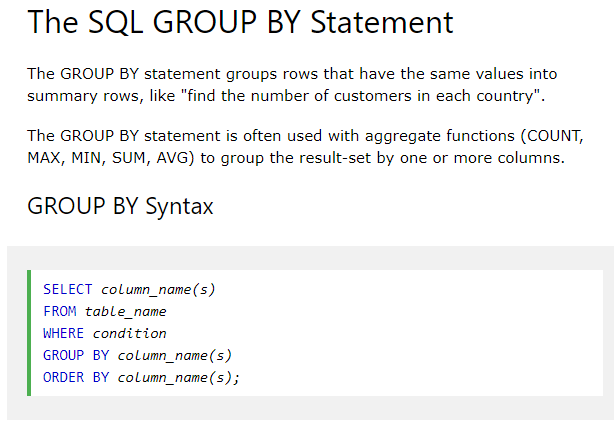
# **Union**







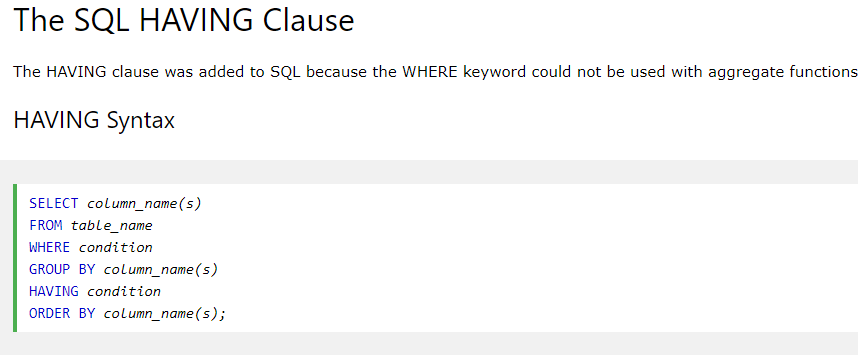
# **GROUP BY**







# **HAVING**

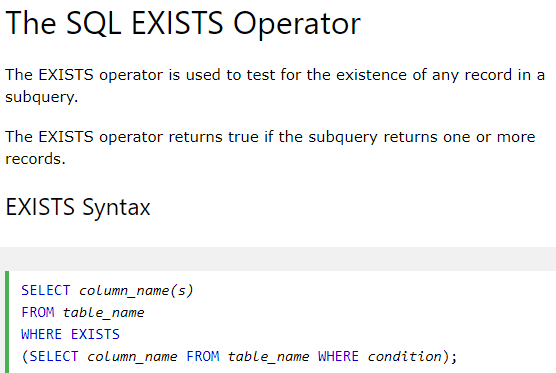


select count(Puntos), id\_liga from liga group by id\_liga

having count(Puntos)>2;



# **EXISTS**

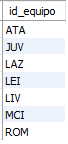


select id\_equipo from liga

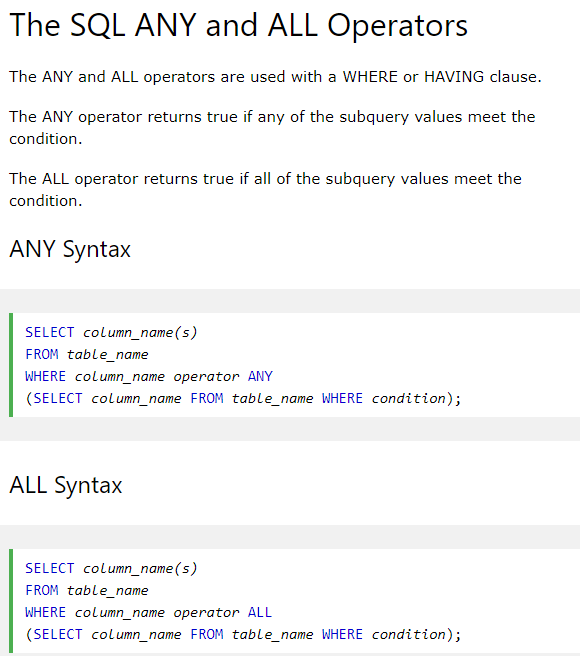
where exists(select id\_equipo from copa

union

select id\_equipo from liga order by id\_equipo);



# **ANY, ALL**



## **Any**

select Nombre from Jugador where id\_jug= any

(select id\_jug from Jugador where id\_jug='CR7');



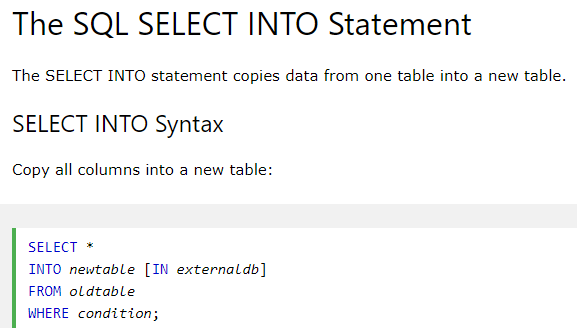
## **All**

select Nombre from Jugador where id\_jug= all

(select id\_jug from Jugador where dorsal>6);

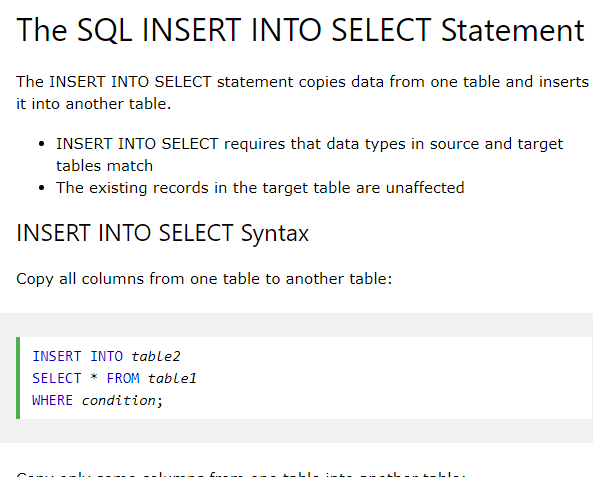


# **SELECT INTO**



select \* into equipo0 from equipo;

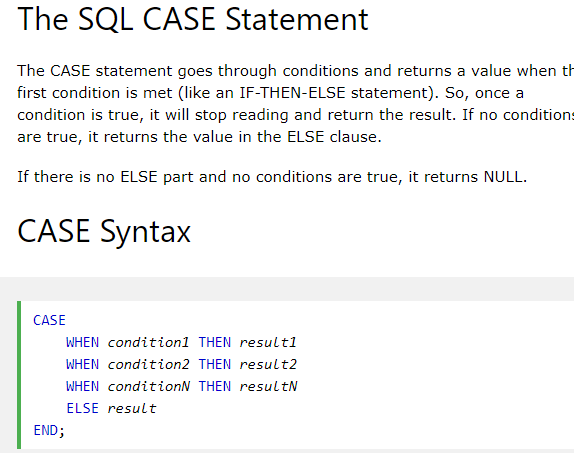
# **INSERT INTO SELECT**







# **CASE**



select id\_equipo, GF,

case

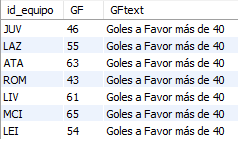
when GF>40 then "Goles a Favor más de 40"

when GF=40 then "Goles a Favor es 40"

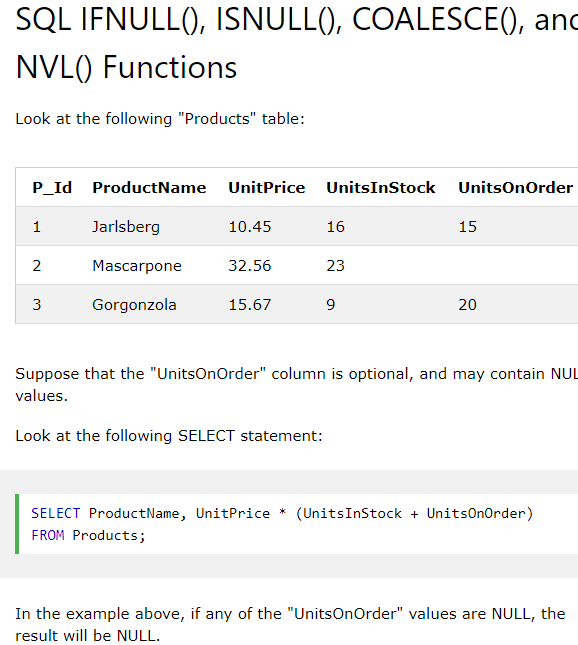
else "GF menor que treinta"

end as GFtext

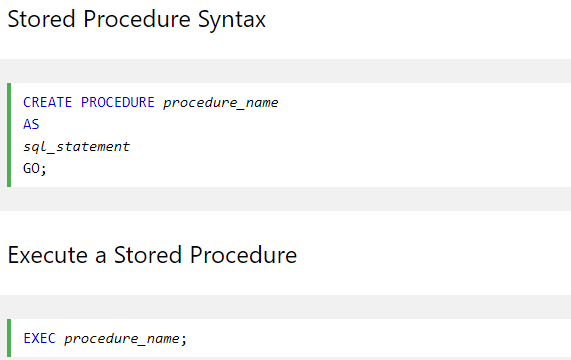
from liga;

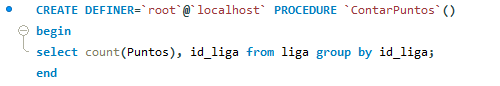


# **NULL FUNCTIONS**



# **STORED PROCEDURES**

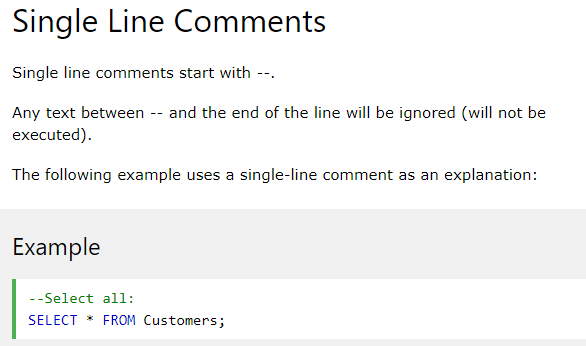




call ContarPuntos();



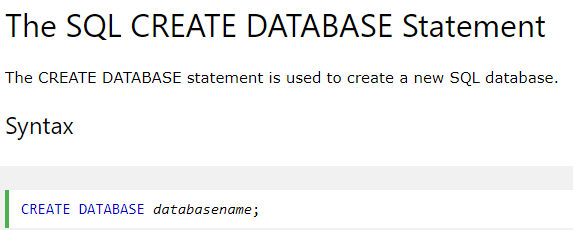
# **COMMENTS**



SELECT \* FROM Jugador -- WHERE id\_jug='CR7';



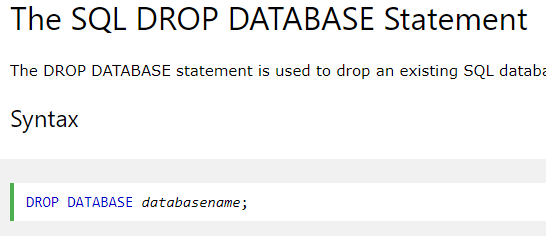
# **CREATE DATABASE**



create database testeando;



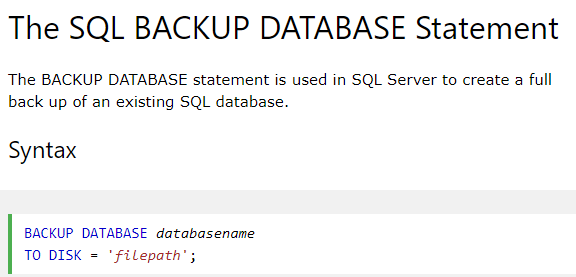
# **DROP DATABASE**



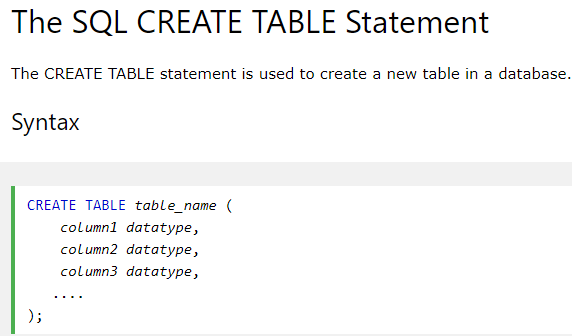
drop database testeando;



# **BACKUP DATABASE**



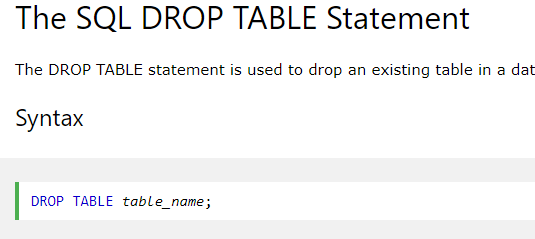
# **CREATE TABLE**







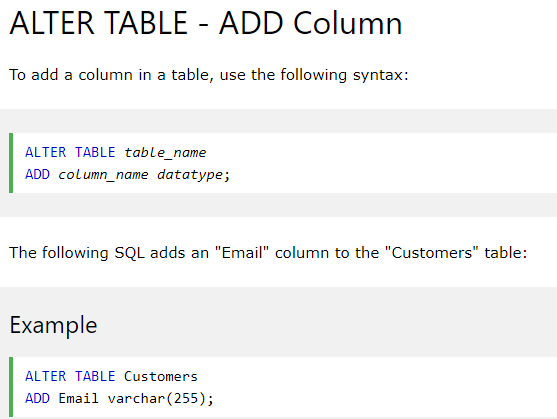
# **DROP TABLE**



drop table Liga;



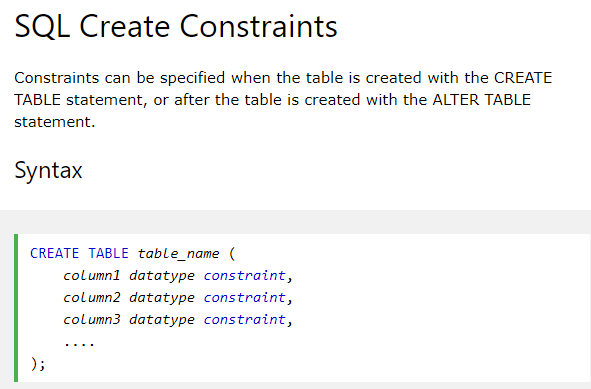
# **ALTER TABLE**



alter table Copa modify column TR int(3);



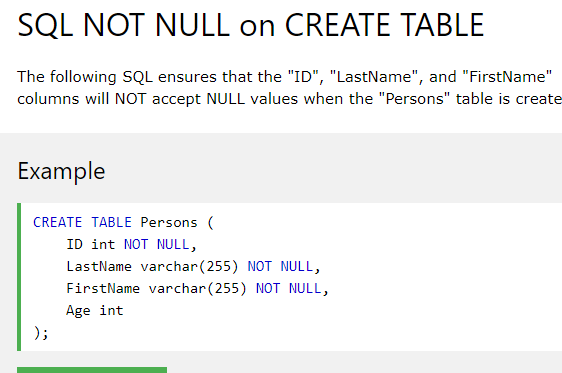
# **CREATE CONSTRAINTS**







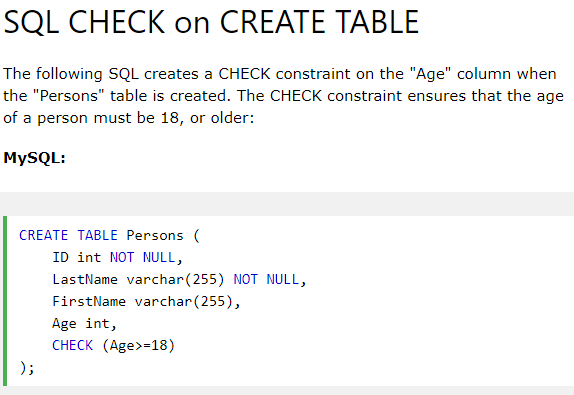
# **NOT NULL on CREATE TABLE**



create table Equipo0(id\_equipo varchar(6) not null PRIMARY KEY, nombre varchar(50));



# **Check**





# **CREATE VIEW**

