Alfi Futuhi  
Assignment 2

6 April 2021

Use [Assignments 1]

--Avoiding error

DROP TABLE [tbl\_club1];

DROP TABLE [tbl\_club2];

DROP TABLE [tbl\_trophy];

--CREATING TABLES

CREATE TABLE [tbl\_trophy]

(

club varchar(50),

trophy int,

);

CREATE TABLE [tbl\_club1]

(

club varchar(50),

country varchar(50),

);

CREATE TABLE [tbl\_club2]

(

club varchar(50) PRIMARY KEY,

country varchar(50),

);

--INSERTING VALUES

--tbl\_trophy

INSERT INTO tbl\_trophy(club, trophy)

VALUES('juventus',36);

INSERT INTO tbl\_trophy(club, trophy)

VALUES('inter milan',18);

INSERT INTO tbl\_trophy(club, trophy)

VALUES('milan',18);

INSERT INTO tbl\_trophy(club, trophy)

VALUES('real madrid',34);

INSERT INTO tbl\_trophy(club, trophy)

VALUES('barcelona',26);

INSERT INTO tbl\_trophy(club, trophy)

VALUES('mancherster united',20);

INSERT INTO tbl\_trophy(club, trophy)

VALUES('liverpool',19);

INSERT INTO tbl\_trophy(club, trophy)

VALUES('arsenal',13);

INSERT INTO tbl\_trophy(club, trophy)

VALUES('manchester city',6);

--tbl\_club1

INSERT INTO tbl\_club1(club, country)

VALUES ('manchester united', 'england');

INSERT INTO tbl\_club1(club, country)

VALUES ('chelsea', 'england');

INSERT INTO tbl\_club1(club, country)

VALUES ('liverpool', 'england');

INSERT INTO tbl\_club1(club, country)

VALUES ('juventus', 'italy');

INSERT INTO tbl\_club1(club, country)

VALUES ('inter milan', 'italy');

INSERT INTO tbl\_club1(club, country)

VALUES ('real madrid', 'spain');

INSERT INTO tbl\_club1(club, country)

VALUES ('barcelona', 'spain');

--tbl\_club2

INSERT INTO tbl\_club2(club, country)

VALUES ('everton', 'england');

INSERT INTO tbl\_club2(club, country)

VALUES ('watford', 'england');

INSERT INTO tbl\_club2(club, country)

VALUES ('villareal', 'spain');

INSERT INTO tbl\_club2(club, country)

VALUES ('athletic bilbao', 'spain');

INSERT INTO tbl\_club2(club, country)

VALUES ('atletico madrid', 'spain');

INSERT INTO tbl\_club2(club, country)

VALUES ('milan', 'italy');

INSERT INTO tbl\_club2(club, country)

VALUES ('roma', 'italy');

--Showing table's data

SELECT \* FROM tbl\_trophy ORDER BY trophy DESC;

SELECT \* FROM tbl\_club1;

SELECT \* FROM tbl\_club2;

--CREATE VIEW tes AS

--SELECT \* from tbl\_club1,

--SELECT \* from tbl\_club2;

--1. Jumlah Club berdasarkan Negara

SELECT

all\_country.country as 'jumlah club berdasarkan negara',

Count(\*) as 'jumlah'

FROM(

SELECT

country

FROM tbl\_club1

UNION ALL

SELECT

country

FROM tbl\_club2

) as all\_country

GROUP BY country

ORDER BY COUNT(\*) ASC;

--2. Jumlah trophy setiap club

SELECT

ISNULL(tbl\_club.club, tbl\_trophy.club) as 'club',

ISNULL(tbl\_trophy.trophy,0) as 'trophy'

FROM(

(SELECT club FROM tbl\_club1

UNION ALL

SELECT club FROM tbl\_club2) as tbl\_club

FULL OUTER JOIN tbl\_trophy ON tbl\_club.club = tbl\_trophy.club

)

ORDER BY

'club' ASC;

/\*--3. Club yang tidak memiliki trophy

SELECT

COUNT(tbl.trophy.trophy

ISNULL(tbl\_trophy.trophy,0) as 'trophy'

FROM(

(SELECT club FROM tbl\_club1

UNION ALL

SELECT club FROM tbl\_club2) as tbl\_club

FULL OUTER JOIN tbl\_trophy ON tbl\_club.club = tbl\_trophy.club

)

WHERE tbl\_trophy.trophy = NULL

--\*/

/\*--4. Jumlah Trophy Klub Milan dan manchester

SELECT

ISNULL(tbl\_club.club, tbl\_trophy.club) as 'club',

ISNULL(tbl\_trophy.trophy,0) as 'trophy'

FROM(

(SELECT club FROM tbl\_club1

UNION ALL

SELECT club FROM tbl\_club2) as tbl\_club

FULL OUTER JOIN tbl\_trophy ON tbl\_club.club = tbl\_trophy.club

)

WHERE ISNULL(tbl\_club.club, tbl\_trophy.club) IN ('milan', 'inter milan', 'manchester united')

ORDER BY

'club' ASC;

--\*/

1. Jumlah club Berdasarkan Negara

--1. Jumlah Club berdasarkan Negara

SELECT

all\_country.country as 'jumlah club berdasarkan negara',

Count(\*) as 'jumlah'

FROM(

SELECT

country

FROM tbl\_club1

UNION ALL

SELECT

country

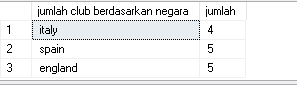
FROM tbl\_club2

) as all\_country

GROUP BY country

ORDER BY COUNT(\*) ASC;

OUTPUT:



1. Jumlah Trophy Setiap Club

--2. Jumlah trophy setiap club

SELECT

ISNULL(tbl\_club.club, tbl\_trophy.club) as 'club',

ISNULL(tbl\_trophy.trophy,0) as 'trophy'

FROM(

(SELECT club FROM tbl\_club1

UNION ALL

SELECT club FROM tbl\_club2) as tbl\_club

FULL OUTER JOIN tbl\_trophy ON tbl\_club.club = tbl\_trophy.club

)

ORDER BY

'club' ASC;

OUTPUT:

