ASSIGNMENT-2

1. CREATE TABLE coach (

coach\_id int PRIMARY KEY,

name char (40) NOT NULL,

city char (40) NOT NULL,

adaptability float (3,3),

matches\_won int (5)

);

CREATE TABLE player (

player\_id int PRIMARY KEY,

player\_name char (40) NOT NULL,

city char (40),

`condition` int (10),

coach\_id int (10)

);

1. INSERT INTO coach VALUES (4001, 'Ronald Koeman', 'Barcelona',0.92,3), (4002,'Mario Pochettino','Paris',0.96,5),(4005,'Jurgen Klopp','Liverpool',0.98,10),(4006,'Jorge Sampaoli','Paris',0.86,8),(4007,'Thomas Tuchel','London',0.95,15),(4003,'Hansi Flick','Munich',0.90,7);

INSERT INTO player VALUES (3002,'Memphis Depay','Barcelona',200,4001),(3007,'Sergino Dest','Barcelona',300,4001), (3005,'Karim Benzema','Madrid',300,4002), (3008,'saadio Mane','Liverpool',400,4002), (3004,'Kylian Mbappe','Paris',300,4006), (3009,'Jerome Boateng','Berlin',100,4003), (3003,'Denis Cheryshev','Moscow',200,4007), (3001,'Roberto Firmino','Liverpool',100,4005);

1. [SELECT](https://deeplearn.soic.iupui.edu/phpmyadmin/url.php?url=https://dev.mysql.com/doc/refman/5.5/en/select.html" \t "mysql_doc) \* FROM player WHERE coach\_id [in](https://deeplearn.soic.iupui.edu/phpmyadmin/url.php?url=https://dev.mysql.com/doc/refman/5.5/en/comparison-operators.html#function_in) ([SELECT](https://deeplearn.soic.iupui.edu/phpmyadmin/url.php?url=https://dev.mysql.com/doc/refman/5.5/en/select.html) coach\_id FROM coach WHERE name = 'Ronald Koeman' [or](https://deeplearn.soic.iupui.edu/phpmyadmin/url.php?url=https://dev.mysql.com/doc/refman/5.5/en/logical-operators.html#operator_or) 'Jorge Sampaoli');
2. CREATE VIEW cp AS SELECT player.player\_id,player.player\_name,player.city,player.condition,player.coach\_id,coach.name,coach.city as c\_city ,coach.adaptability,coach.matches\_won from player inner JOIN coach on coach.coach\_id = player.coach\_id;
3. CREATE [OR](https://deeplearn.soic.iupui.edu/phpmyadmin/url.php?url=https://dev.mysql.com/doc/refman/5.5/en/logical-operators.html#operator_or) [REPLACE](https://deeplearn.soic.iupui.edu/phpmyadmin/url.php?url=https://dev.mysql.com/doc/refman/5.5/en/replace.html) VIEW cp AS [SELECT](https://deeplearn.soic.iupui.edu/phpmyadmin/url.php?url=https://dev.mysql.com/doc/refman/5.5/en/select.html) player.player\_id,player.player\_name,player.city,player.coach\_id,coach.name,coach.city as c\_city ,coach.adaptability,coach.matches\_won from player inner JOIN coach on coach.coach\_id = player.coach\_id;
4. ALTER TABLE player RENAME to player\_info;
5. [SELECT](https://deeplearn.soic.iupui.edu/phpmyadmin/url.php?url=https://dev.mysql.com/doc/refman/5.5/en/select.html) \* FROM player\_info join coach where player\_info.coach\_id= coach.coach\_id [and](https://deeplearn.soic.iupui.edu/phpmyadmin/url.php?url=https://dev.mysql.com/doc/refman/5.5/en/logical-operators.html#operator_and) player\_info.city=coach.city;

8.[SELECT](https://deeplearn.soic.iupui.edu/phpmyadmin/url.php?url=https://dev.mysql.com/doc/refman/5.5/en/select.html) coach\_id,name,1000\*matches\_won AS voucher FROM coach ORDER BY voucher ASC;

9.[DELETE](https://deeplearn.soic.iupui.edu/phpmyadmin/url.php?url=https://dev.mysql.com/doc/refman/5.5/en/delete.html" \t "mysql_doc) FROM player\_info WHERE player\_info.player\_id [in](https://deeplearn.soic.iupui.edu/phpmyadmin/url.php?url=https://dev.mysql.com/doc/refman/5.5/en/comparison-operators.html#function_in) ( [SELECT](https://deeplearn.soic.iupui.edu/phpmyadmin/url.php?url=https://dev.mysql.com/doc/refman/5.5/en/select.html) player\_info.player\_id FROM player\_info INNER JOIN coach ON player\_info.coach\_id = coach.coach\_id WHERE adaptability>0.92 );