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Course – CST8215

Course Code – 301

Professor – Roly Roy

**Union query**

**SELECT** Team\_Name **FROM** Team

**WHERE** Team\_Code = 'MI'

**UNION**

**SELECT** Player\_Fname **FROM** Player

**WHERE** Team\_Code = 'MI'

**ORDER BY** Team\_Name;

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**Metadata query**

**SELECT DISTINCT** column\_name, data\_type, character\_maximum\_length

**FROM** INFORMATION\_SCHEMA.COLUMNS

**WHERE** TABLE\_NAME = 'player' OR

TABLE\_NAME = 'team' OR

TABLE\_NAME = 'manager' OR

TABLE\_NAME = 'province' OR

**Table

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**Views query**

**CREATE VIEW** Viewteam **AS**

**SELECT** Team\_code **AS** T\_code, Team\_name **AS** T\_name, Manager\_Id **AS** Man\_Id, province\_code **AS** p\_code

**FROM** Team;

**CREATE VIEW** Viewplayer **AS**

**SELECT** Player\_Id **AS** P\_Id, Player\_Fname **AS** P\_Firstname, Player\_Lname **AS** P\_lastname, Payer\_Age **AS** P\_age, Player\_Birth\_Place **AS** P\_birth\_place, Team\_Code **AS** T\_code, Manager\_Id **AS** Man\_Id, Player\_Role\_Name **AS** P\_role\_name

**FROM** Player;

**Joins query**

**SELECT** Manager.Manager\_Id,Manager.Manager\_Name,Player.Player\_Id,Player.Player\_Fname,Player.Player\_Lname,Player.Manager\_Id

**FROM** Player **LEFT** **OUTER** **JOIN** Manager

**ON** Player.Manager\_Id = Manager.Manager\_Id

**WHERE** Manager.Manager\_Id **IS** **NOT** NULL;

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**SELECT** Province.Province\_Code,Province.Province\_name,Team.Team\_Code,Team.Team\_Name,Team.Province\_code

**FROM** Province **RIGHT** **OUTER** **JOIN** Team

**ON** Province.Province\_Code = Team.Province\_code

**WHERE** Province.Province\_name **IS** **NOT** NULL;

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**Reverse Engineer**

**.dbm**

**Diagram

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