

Local instance MySQL80 x

File Edit View Query Database Server Tools Scripting Help

Navigator: Query 1 SQL File 4* SQL File 5* SQL File 5* Sport Team Management* x

SCHEMAS

Filter objects

- class
- company
- cricket
- school
- sys

```
1 #Create Database
2 • Create database SportTeamManagement;
3 • use SportTeamManagement;
4
5 #Create League
6 • Create Table League (
7   LeagueID int primary key,
8   LeagueName Varchar(70),
9   States Varchar(75)
10 );
```

Result Grid | Filter Rows: | Export: | Wrap Cell Content: [I](#)

	Field	Type	Null	Key	Default	Extra
▶	LeagueID	int	NO	PRI	NULL	
	LeagueName	varchar(70)	YES		NULL	
	States	varchar(75)	YES		NULL	

Administration Schemas

Information

No object selected

Result 1 x

Output

Action Output

#	Time	Action
✓ 2	15:44:04	Create database SportTeamManagement
✓ 3	15:44:04	use SportTeamManagement
✓ 4	15:44:12	Create Table League (LeagueID int primary key, LeagueName Varchar(70), States Varchar(75))
✓ 5	15:44:12	Desc League

Object Info Session



Navigator

SCHEMAS

Filter objects

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Administration Schemas

Information

No object selected

Object Info Session

Query 1

SQL File 4*

SQL File 5*

SQL File 5*

Sport Team Management*



Limit to 1000 rows

```
13 #Create team table
14 create table Team (
15     TeamID int primary key,
16     TeamName varchar(10) not null,
17     LeagueID int,
18     CoachName Varchar(50),
19     City varchar(55),
20     foreign key (LeagueID) references League (LeagueID)
21 );
22 Desc Team;
```

Result Grid

Filter Rows:

Export:

Wrap Cell Content:

	Field	Type	Null	Key	Default	Extra
▶	TeamID	int	NO	PRI	NULL	
	TeamName	varchar(10)	NO		NULL	
	LeagueID	int	YES	MUL	NULL	
	CoachName	varchar(50)	YES		NULL	
	City	varchar(55)	YES		NULL	

Result 2 x

Output

Action Output

#	Time	Action
✓ 5	15:44:12	Desc League
✓ 6	15:45:29	create table Team (TeamID int primary key, TeamName varchar(10) not null, LeagueID int, CoachName Varchar(50), City varchar(55), foreign key (LeagueID) references League (LeagueID));
✓ 7	15:45:29	Desc Team
✓ 8	15:45:29	Alter table team modify TeamName varchar(80)

FileEditViewQueryDatabaseServerToolsScriptingHelp

Navigator:.....

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Filter objects

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AdministrationSchemas

Information:.....

No object selected

Object InfoSession

Query 1SQL File 4*SQL File 5*SQL File 5*Sport Team Management* x

Limit to 1000 rows

```
32 RunSaved INT,
33 FOREIGN KEY (TeamID) REFERENCES Team (TeamID)
34 );
35 Desc Players;
36
37
38 #Create Matches table
39 Create table Matches(
40 MatchID int primary key,
41 Date date,
```

Result Grid

Filter Rows:

Export:

Wrap Cell Content:

	Field	Type	Null	Key	Default	Extra
▶	PlayerID	int	NO	PRI	NULL	
	PlayerName	varchar(50)	YES		NULL	
	TeamID	int	YES	MUL	NULL	
	FieldPosition	varchar(50)	YES		NULL	
	Age	int	YES		NULL	
	RunSaved	int	YES		NULL	

Result 3 x

Output:.....

Action Output

#	Time	Action
✓ 7	15:45:29	Desc Team
✓ 8	15:45:29	Alter table team modify TeamName varchar(80)
✓ 9	15:46:40	Create table players (PlayerID INT PRIMARY KEY, PlayerName VARCHAR(50), TeamID INT, FieldPosition
✓ 10	15:46:40	Desc Players

FileEditViewQueryDatabaseServerToolsScriptingHelp

Navigator

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Information

No object selected

Object InfoSession

Query 1SQL File 4*SQL File 5*SQL File 5*Sport Team Management*

38#Create Matches table

39Create table Matches(

40MatchID int primary key,

41Date date,

42Home_TeamID Int,

43Away_TeamID int,

44LeagueID int,

45Location Varchar(95),

46FOREIGN KEY (Home_TeamID) REFERENCES Team (TeamID),

47FOREIGN KEY (Away_TeamID) REFERENCES Team (TeamID),

Result Grid

Filter Rows:

Export:

Wrap Cell Content:

	Field	Type	Null	Key	Default	Extra
	MatchID	int	NO	PRI	NULL	
	Date	date	YES		NULL	
	Home_TeamID	int	YES	MUL	NULL	
	Away_TeamID	int	YES	MUL	NULL	
	LeagueID	int	YES	MUL	NULL	
	Location	varchar(95)	YES		NULL	

Result 4










Output

Action Output

#	Time	Action
9	15:46:40	Create table players (PlayerID INT PRIMARY KEY, PlayerName VARCHAR(50), TeamID INT, FieldPosition V
10	15:46:40	Desc Players
11	15:47:28	Create table Matches(MatchID int primary key, Date date, Home_TeamID Int, Away_TeamID int, LeagueID i
12	15:47:29	Desc Matches

FileEditViewQueryDatabaseServerToolsScriptingHelp

SQLSQL



Navigator

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




school

sys

Query 1SQL File 4*SQL File 5*SQL File 5*Sport Team Management* x



Limit to 1000 rows



52#Create Scores table

53Create table Scores(

54ScoreID int Primary key,

55MatchID int,

56PlayerID int,

57TeamID int,

58Run int,

59FOREIGN KEY (MatchID) REFERENCES Matches (MatchID),

60FOREIGN KEY (PlayerID) REFERENCES Players (PlayerID),

61FOREIGN KEY (TeamID) REFERENCES Team (TeamID)

Result Grid

Filter Rows:

Export:

Wrap Cell Content: [I](#)

	Field	Type	Null	Key	Default	Extra
▶	ScoreID	int	NO	PRI	NULL	
	MatchID	int	YES	MUL	NULL	
	PlayerID	int	YES	MUL	NULL	
	TeamID	int	YES	MUL	NULL	
	Run	int	YES		NULL	

AdministrationSchemas

Information

No object selected

Result 5 x

Output

Action Output

#	Time	Action
✓ 11	15:47:28	Create table Matches(MatchID int primary key, Date date, Home_TeamID Int, Away_TeamID int, LeagueID
✓ 12	15:47:29	Desc Matches
✓ 13	15:48:35	Create table Scores(ScoreID int Primary key, MatchID int, PlayerID int, TeamID int, Run int, FOREIGN K
✓ 14	15:48:35	Desc Scores

Object InfoSession

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Information

No object selected

Object Info

Session

Query 1SQL File 4*SQL File 5*SQL File 5*Sport Team Management*

Limit to 1000 rows

65#use Database

66• Use SportTeamManagement;

67

68#Insert Leagues

69• INSERT INTO League VALUES (1, 'Indian Premier League', 'Indian');

70• INSERT INTO League VALUES (2, 'Champions League', 'Dubai');

71• Select* from league;

72

73#Teams

74• INSERT INTO Team VALUES (1, 'CSK', 1, 'Michael', 'Chennai');

Result Grid

Filter Rows:

Edit:

Export/Import:

Wrap Cell Conte

	LeagueID	LeagueName	States
▶	1	Indian Premier League	Indian
	2	Champions League	Dubai
*	NULL	NULL	NULL

league 6 x

Output

Action Output

#	Time	Action
✖	15 15:49:26	Create database SportTeamManagement
✔	16 15:49:35	INSERT INTO League VALUES (1, 'Indian Premier League', 'Indian')
✔	17 15:49:35	INSERT INTO League VALUES (2, 'Champions League', 'Dubai')
✔	18 15:49:35	Select* from league LIMIT 0, 1000

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Information

No object selected

Object Info

Session

Query 1SQL File 4*SQL File 5*SQL File 5*Sport Team Management*

71 • Select* from league;

72

73 #Teams

74 • INSERT INTO Team VALUES (1, 'CSK', 1, 'Michael', 'Chennai');

75 • INSERT INTO Team VALUES (2, 'MI', 1, 'Bravo', 'Mumbai');

76 • INSERT INTO Team VALUES (3, 'RCB', 2, 'Dinesh', 'Bangalore');

77 • Select* from team;

78

79 -- Players

80 • INSERT INTO Players VALUES (1, 'Dhoni', 1, 'WicketKeeper', 25, 5);

Result Grid

Filter Rows:

Edit:Export/Import:Wrap Cell Con

	LeagueID	LeagueName	States
▶	1	Indian Premier League	Indian
	2	Champions League	Dubai
*	NULL	NULL	NULL

league 6 ×

Output

Action Output

#	Time	Action
✖	15 15:49:26	Create database SportTeamManagement
✔	16 15:49:35	INSERT INTO League VALUES (1, 'Indian Premier League', 'Indian')
✔	17 15:49:35	INSERT INTO League VALUES (2, 'Champions League', 'Dubai')
✔	18 15:49:35	Select* from league LIMIT 0, 1000

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Information

No object selected

Object Info

Session

Query 1SQL File 4*SQL File 5*SQL File 5*Sport Team Management* x

Limit to 1000 rows

71 • Select* from league;

72 Execute the selected portion of the script or everything, if there is no selection

73 #Teams

74 • INSERT INTO Team VALUES (1, 'CSK', 1, 'Michael', 'Chennai');

75 • INSERT INTO Team VALUES (2, 'MI', 1, 'Bravo', 'Mumbai');

76 • INSERT INTO Team VALUES (3, 'RCB', 2, 'Dinesh', 'Bangalore');

77 • Select* from team;

78

79 -- Players

80 • INSERT INTO Players VALUES (1, 'Dhoni', 1, 'WicketKeeper', 25, 5);

Result Grid

Filter Rows:

Edit:

Export/Import:

Wrap Cell Cor

	TeamID	TeamName	LeagueID	CoachName	City
▶	1	CSK	1	Michael	Chennai
	2	MI	1	Bravo	Mumbai
	3	RCB	2	Dinesh	Bangalore
*	NULL	NULL	NULL	NULL	NULL

team 7 x

Output

Action Output

#	Time	Action
✓ 19	15:51:29	INSERT INTO Team VALUES (1, 'CSK', 1, 'Michael', 'Chennai')
✓ 20	15:51:29	INSERT INTO Team VALUES (2, 'MI', 1, 'Bravo', 'Mumbai')
✓ 21	15:51:29	INSERT INTO Team VALUES (3, 'RCB', 2, 'Dinesh', 'Bangalore')
✓ 22	15:51:29	Select* from team LIMIT 0, 1000

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Information

No object selected

Object Info

Session

Query 1SQL File 4*SQL File 5*SQL File 5*Sport Team Management*

Limit to 1000 rows

```
77 • Select* from team;
78
79 -- Players
80 • INSERT INTO Players VALUES (1, 'Dhoni', 1, 'WicketKeeper', 25, 5);
81 • INSERT INTO Players VALUES (2, 'Bravo', 1, 'Midoff', 27, 8);
82 • INSERT INTO Players VALUES (3, 'Gale', 2, 'Longon', 24, 3);
83 • INSERT INTO Players VALUES (4, 'David Miller', 3, 'Wicketkeeper', 29,1);
84 • Select* from players;
85
86 -- Matches
```

Result Grid

Filter Rows:

Edit:

Export/Import:

Wrap Cell Cont

	PlayerID	PlayerName	TeamID	FieldPosition	Age	RunSaved
▶	1	Dhoni	1	WicketKeeper	25	5
	2	Bravo	1	Midoff	27	8
	3	Gale	2	Longon	24	3
	4	David Miller	3	Wicketkeeper	29	1
*	NULL	NULL	NULL	NULL	NULL	NULL

players 8

Output

Action Output

#	Time	Action
✓ 24	15:52:03	INSERT INTO Players VALUES (2, 'Bravo', 1, 'Midoff', 27, 8)
✓ 25	15:52:03	INSERT INTO Players VALUES (3, 'Gale', 2, 'Longon', 24, 3)
✓ 26	15:52:03	INSERT INTO Players VALUES (4, 'David Miller', 3, 'Wicketkeeper', 29,1)
✓ 27	15:52:03	Select* from players LIMIT 0, 1000

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Information

No object selected

Object Info

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Query 1SQL File 4*SQL File 5*SQL File 5*Sport Team Management* x

Limit to 1000 rows

83 • INSERT INTO Players VALUES (4, 'David Miller', 3, 'Wicketkeeper', 29,1);

84 • Execute the selected portion of the script or everything, if there is no selection

85

86 -- Matches

87 • INSERT INTO Matches VALUES (1, '2024-04-01', 1, 2, 1, 'Red Soil');

88 • INSERT INTO Matches VALUES (2, '2024-04-08', 2, 3, 2, 'Green Field');

89 • Select* from Matches;

90

91 -- Scores

92 • INSERT INTO Scores VALUES (1, 1, 1, 1, 81);

Result Grid

Filter Rows:

Edit:

Export/Import:

Wrap Cell Cont

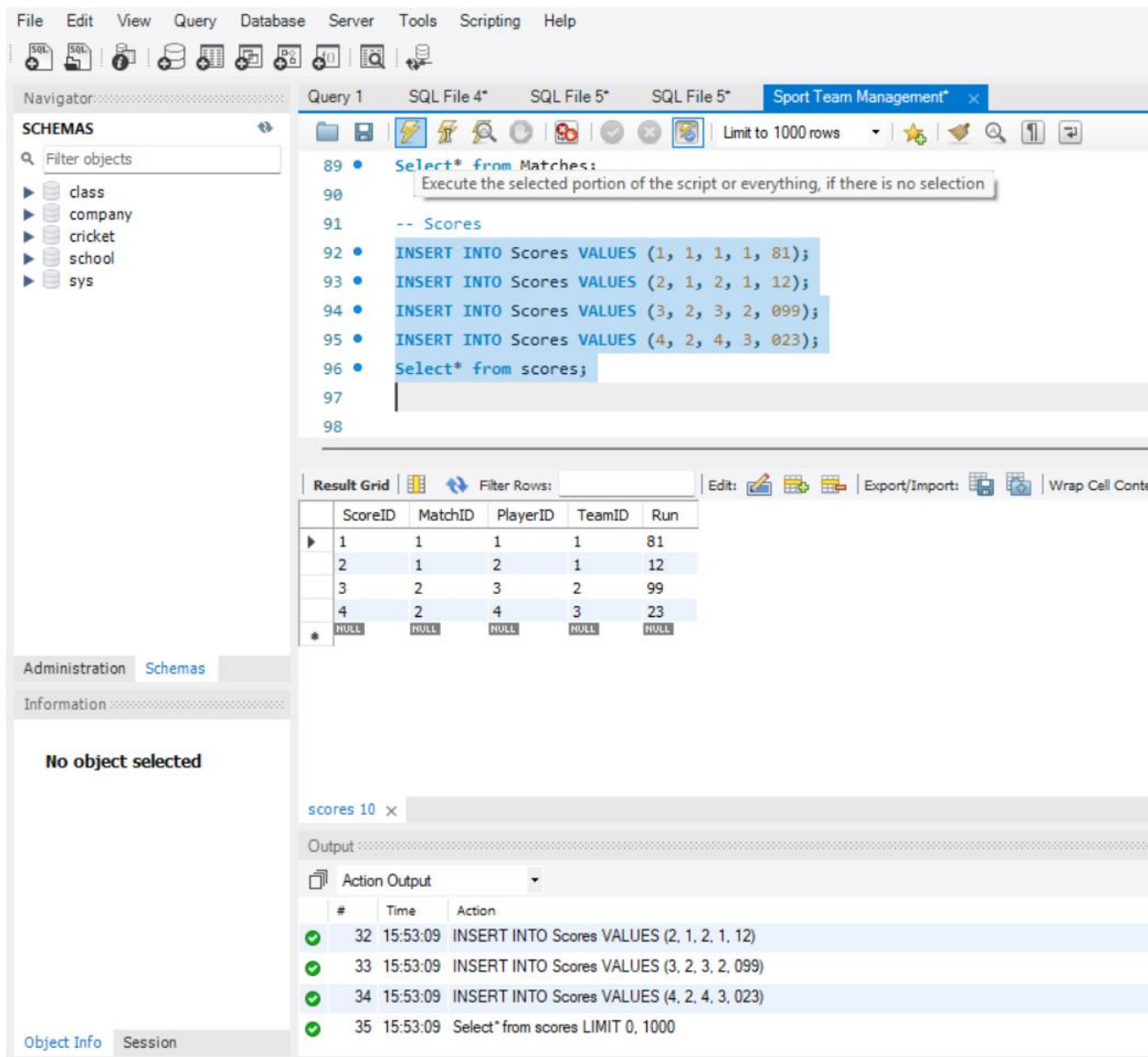
	MatchID	Date	Home_TeamID	Away_TeamID	LeagueID	Location
▶	1	2024-04-01	1	2	1	Red Soil
	2	2024-04-08	2	3	2	Green Field
*	NULL	NULL	NULL	NULL	NULL	NULL

Matches 9 x

Output

Action Output

#	Time	Action
✓ 27	15:52:03	Select* from players LIMIT 0, 1000
✓ 28	15:52:41	INSERT INTO Matches VALUES (1, '2024-04-01', 1, 2, 1, 'Red Soil')
✓ 29	15:52:41	INSERT INTO Matches VALUES (2, '2024-04-08', 2, 3, 2, 'Green Field')
✓ 30	15:52:41	Select* from Matches LIMIT 0, 1000



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Information

No object selected

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Query 1SQL File 4*SQL File 5*SQL File 5*Sport Team Management* x

Limit to 1000 rows

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102

103

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110

#Query join two table

Select T.TeamName, T.CoachName,L.LeagueID from Team T Inner join League L on

Select T.TeamName,M.Date,P.PlayerName from Scores S left join Team T on S.Te

#View Team

Create view printTeam as

Select T.TeamName, T.CoachName,L.LeagueID

from Team T

Result Grid

Filter Rows:

Export:

Wrap Cell Content:

	TeamName	Date	PlayerName
▶	CSK	2024-04-01	Dhoni
	CSK	2024-04-01	Bravo
	MI	2024-04-08	Gale
	RCB	2024-04-08	David Miller

Result 11Result 12 x

Output

Action Output

	#	Time	Action
✓	34	15:53:09	INSERT INTO Scores VALUES (4, 2, 4, 3, 023)
✓	35	15:53:09	Select* from scores LIMIT 0, 1000
✓	36	15:54:02	Select T.TeamName, T.CoachName,L.LeagueID from Team T Inner join League L on T.LeagueID = L.Lea
✓	37	15:54:02	Select T.TeamName,M.Date,P.PlayerName from Scores S left join Team T on S.TeamID = T.TeamID Righ

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SQL

SQL

Limit to 1000 rows

Navigator

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Query 1SQL File 4*SQL File 5*SQL File 5*Sport Team Management*

114 • Select * from printTeam;

115

116 #View Matches

117 • CREATE VIEW printMatch AS

118 SELECT M.Date AS matchday

119 FROM Team T

120 INNER JOIN Matches M ON M.Home_TeamID = T.TeamID

121 WHERE T.TeamID = 1;

122 • Select * from printMatch;

123

Result Grid

Filter Rows:

Export:

Wrap Cell Content:

	matchday
▶	2024-04-01

AdministrationSchemas

Information

No object selected

Object InfoSession

printMatch 13

Output

Action Output

#	Time	Action
✖ 39	15:55:37	Create view printTeam as Select T.TeamName, T.CoachName,L.LeagueID from Team T Inner join Lea
✖ 40	15:55:45	Create database SportTeamManagement
✔ 41	15:56:21	CREATE VIEW printMatch AS SELECT M.Date AS matchday FROM Team T INNER JOIN Matches M O
✔ 42	15:56:21	Select * from printMatch LIMIT 0, 1000

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Query 1
SQL File 4*
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SQL File 5*
Sport Team Management*

Limit to 1000 rows

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Information

No object selected

Object Info
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125

Select T.TeamName,M.Date,P.PlayerName from Scores S left join Team T on S.T

#View Tean

Create view printTeam as

Select T.TeamName, T.CoachName,L.LeagueID

from Team T

Inner join League L

on T.LeagueID = L.LeagueID

where L.LeagueID = 1;

Select * from printTeam;

#View Matches

CREATE VIEW printMatch AS

SELECT M.Date AS matchday

FROM Team T

INNER JOIN Matches M ON M.Home_TeamID = T.TeamID

WHERE T.TeamID = 1;

Select * from printMatch;

#Scalar subquery: Display the teams with the maximum and minimum total runs

Select TeamID,(Select max(run) from scores) as Max,(Select min(run) from sco

Output

Action Output

#	Time	Action
35	15:53:09	Select* from scores LIMIT 0, 1000
36	15:54:02	Select T.TeamName, T.CoachName,L.LeagueID from Team T Inner join League L on T.LeagueID = L.L
37	15:54:02	Select T.TeamName,M.Date,P.PlayerName from Scores S left join Team T on S.TeamID = T.TeamID Ri
38	15:54:33	Create view printTeam as Select T.TeamName, T.CoachName,L.LeagueID from Team T Inner join Lea
39	15:55:37	Create view printMatch as Select T.TeamName, T.CoachName,L.LeagueID from Team T Inner join Lea

