

Object Explorer

Connect

DESKTOP-NVM8QM0 (SQL Serv

Databases

- System Databases
- Database Snapshots
- cse3055\_company
- MARKET
- RK\_150119512
- StulInfoSys
- TurkishSuperLeague
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  - dbo.Goals
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  - dbo.Player
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- Views
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- Synonyms
- Programmability
- Service Broker
- Storage
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- Security
- Server Objects
- Replication
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- Integration Services Catalog
- SQL Server Agent (Agent XP
- XEvent Profiler

Homework3.sql - D...QM0\ramazan (59))\*

```
Select p.FirstName,p.LastName,p.Age
From Player p

-- 2) Update the field Age for all players.

UPDATE Player
Set Age = DATEDIFF(YEAR, Birthdate, GETDATE())
```

83 %

Results Messages

	FirstName	LastName	Age
1	TOLGA	ZENGİN	38
2	OLCAY	ŞAHAN	34
3	ATIBA	HUTCHINSON	38
4	VELİ	KAVLAK	33
5	HUGO MIGUEL	PEREIRA DE ALMEIDA	37
6	RAMON	DE MORAES MOTTA	33
7	GÖKHAN	TÖRE	29
8	OĞUZHAN	ÖZYAKUP	29
9	SERDAR	KURTULUŞ	34
10	PEDRO CAMILO	FRANCO ULLOA	30
11	ERSAN ADEM	GÜLÖM	34
12	MANUEL HENRIQUE	TAVARES FERNANDES	35
13	NECİP	UYŞAL	30
14	TOMAS	SİVOK	38
15	JULIEN	ESCUDE	42
16	DANY ACHILLE	NOUNKEU TCHOUNKEU	35
17	JERMAINE JUNIOR	JONES	40
18	MUSTAFA	PEKTEMEK	33
19	FİLİP	HOLOSKO	37
20	İSMAIL	KOYBAŞI	32
21	UĞUR	BORAL	39
22	OMER HASAN	ŞİŞMANOĞLU	32
23	KERİM	KOYUNLU	28
24	MUHAMMED	DEMİRCİ	26
25	MICHAEL	ENERAMO	36
26	BRUNO	FERREIRA BONFIM	32
27	MEHMET	AKGÜN	35
28	CENK	GÖNEN	33
29	İBRAHİM	TORAMAN	40
30	GÖKHAN	SÜZEN	34
31	EMRE	TALİ	26
32	SEZER	ÖZTÜRK	36
33	GÜNAY	GÜVENÇ	30
34	DIRK	KUJUT	41
35	CANER	ERKİN	33

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Homework3.sql - D:\QM0\ramazan (59))\*

```
/*
3) List the "younger" players whose first name does not contain "nec" and play in "Beşiktaş".
"younger" players are the ones whose ages are less than the average age of all players.
Retrieve PlayerID, FirstName + " " + LastName.
*/

Select distinct p.PlayerID, p.FirstName + ' ' + p.LastName as [Younger Player]
From Player p inner join PlayerTeam pt on p.PlayerID = pt.PlayerID inner join Team t on t.TeamID = pt.TeamID
Where p.FirstName not like '%nec%' and t.Name like 'Beşiktaş' and p.Age < (Select AVG(pl.Age) From Player pl)
```

83 %

Results Messages

	PlayerID	Younger Player
1	7	GÖKHAN TÖRE
2	8	OĞUZHAN ÖZYAKUP
3	10	PEDRO CAMILO FRANCO ULLOA
4	20	İSMAIL KÖYBAŞI
5	22	ÖMER HASAN ŞİŞMANOĞLU
6	23	KERİM KOYUNLU
7	24	MUHAMMED DEMİRCİ
8	26	BRUNO FERREIRA BONFIM
9	31	EMRE TALİ
10	33	GÜNAY GÜVENÇ

Homework3.sql - DESKTOP-NVM8QM0.TurkishSuperLeague (DESKTOP-NVM8QM0\ramazan (59)) - Microsoft SQL Server Management Studio

File Edit View Query Project Tools Window Help

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Homework3.sql - D...QM0\ramazan (59))

```
UPDATE Team
Set City = te.City + ' *p*' + CAST(Player.NoOfPlayer as nvarchar) + ' *g*' + CAST(TotalGoal.goal as nvarchar)
From Team te,
(select t.Name, COUNT(t.Name) as NoOfPlayer
From Team t inner join PlayerTeam pt on t.TeamID = pt.TeamID
where pt.Season like '13-14'
Group by t.Name) as Player,
(select new.TeamID as TeamID, SUM(new.NoOfGoal) as goal
From (select pt.TeamID, COUNT(pt.TeamID) as NoOfGoal
From Player p inner join Goals g on p.PlayerID = g.PlayerID inner join PlayerTeam pt on pt.PlayerID = g.PlayerID
where pt.Season like '13-14' and g.IsOwnGoal like '0'
Group by pt.TeamID
union
select m.VisitingTeamID, COUNT(m.VisitingTeamID) as NoOfGoal
From Player p inner join Goals g on p.PlayerID = g.PlayerID inner join PlayerTeam pt on pt.PlayerID = g.PlayerID inner join Match m on m.MatchID=g.MatchID
where pt.Season like '13-14' and g.IsOwnGoal like '1' and pt.TeamID = m.HomeTeamID
Group by m.VisitingTeamID
union
select m.HomeTeamID, COUNT(m.HomeTeamID) as NoOfGoal
From Player p inner join Goals g on p.PlayerID = g.PlayerID inner join PlayerTeam pt on pt.PlayerID = g.PlayerID inner join Match m on m.MatchID=g.MatchID
where pt.Season like '13-14' and g.IsOwnGoal like '1' and pt.TeamID = m.VisitingTeamID
Group by m.HomeTeamID) as new
Group by new.TeamID) as TotalGoal
where te.Name= Player.Name and te.TeamID= TotalGoal.TeamID
Select *
From Team t
```

83 %

Results Messages

	TeamID	Name	City
1	1	Beykitaş	İstanbul Rp33 Rp53
2	2	Fenerbahçe	İstanbul Rp27 Rp72
3	3	Galatasaray	İstanbul Rp33 Rp58
4	4	Trabzonspor	Trabzon Rp26 Rp53
5	5	Akhisar Belediye	Manisa Rp31 Rp44
6	6	Bursaspor	Bursa Rp32 Rp39
7	7	Çaykur Rizespor	Rize Rp30 Rp41
8	8	Elaazığspor	Elaazığ Rp31 Rp38
9	9	Eskişehirspor	Eskişehir Rp29 Rp33
10	10	Gaziantepspor	Gaziantep Rp28 Rp38
11	11	Gençlerbirliği	Ankara Rp26 Rp39
12	12	Kardemir Karabükspor	Karabük Rp29 Rp31
13	13	Kasımpaşa	İstanbul Rp24 Rp56
14	14	Kayseri Erciyesspor	Kayseri Rp29 Rp34
15	15	Kayserispor	Kayseri Rp29 Rp30
16	16	Medical Park Antalyaspor	Antalya Rp28 Rp37
17	17	Sivasspor	Sivas Rp26 Rp60
18	18	Torku Konyaspor	Konya Rp25 Rp48

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```
/*
5) List the top 10 top scorers. Retrieve playerId, first name, last name, number of goals scored,
number of matches that player did not score a goal, average number of goals per scored matches.
*/

--Select top 10 g.PlayerID, p.FirstName, p.LastName, COUNT(g.PlayerID) as ScoredGoal, (34 - COUNT(distinct g.MatchID)) as NoScoredGoal, (CAST(COUNT(g.PlayerID) as float) / COUNT(distinct g.MatchID) as decimal(4,2))) as AvgScoredMatch
From Player p, Goals g, PlayerTeam pt
where p.PlayerID=g.PlayerID and pt.PlayerID =p.PlayerID and g.IsOwnGoal like '0' and pt.season like '13-14'
Group by g.PlayerID, p.FirstName, p.LastName
Order by ScoredGoal desc
```

83 %

Results Messages

	PlayerID	FirstName	LastName	ScoredGoal	NoScoredGoal	AvgScoredMatch
1	453	ANTIF	CHACHECHOUHE	18	21	1.38
2	60	BURAK	YILMAZ	16	19	1.07
3	346	EZEQUIEL OSCAR	SCARIONE	16	19	1.07
4	38	MOUSSA	SOW	15	21	1.15
5	482	THEOFANIS	GKEKAS	14	24	1.40
6	5	HUGO MIGUEL	PEREIRA DE ALMEIDA	13	23	1.18
7	99	PAULO HENRIQUE	CARNIERO FILHO	13	22	1.08
8	296	SORIN BOGDAN	STANCIU	13	23	1.18
9	268	CENK	TOSUN	13	22	1.08
10	212	DENIZ	YILMAZ	12	24	1.20