

```
select avg(Grade) as AverageUniversity
from Taken_Courses
```

100 %

Results Messages

	AverageUniversity
1	14

شکل ۱: بدنه و نتایج Query1

```

/***** Script for SelectTopNRows command from SSMS *****/
SELECT      Departments.Name, AVG(Taken_Courses.Grade) AS Average_Departments
FROM        Taken_Courses LEFT JOIN
            Courses ON Taken_Courses.CourseID = Courses.ID INNER JOIN
            Departments ON Courses.DepartmentID = Departments.ID
GROUP BY Departments.Name

```

100 %

Results Messages

	Name	Average_Departments
1	Chemistry	11
2	Electrical	14
3	Mathematics	18

شکل ۲: بدنه و نتایج Query2

```

select Name,Max(Avg_Departments) as Max_Average,Min(Avg_Departments) as Min_Average from (
SELECT      Departments.Name As Name,AVG(Taken_Courses.Grade) AS Avg_Departments
FROM        Taken_Courses LEFT JOIN
            Courses ON Taken_Courses.CourseID = Courses.ID INNER JOIN
            Departments ON Courses.DepartmentID = Departments.ID
GROUP BY Departments.Name,Taken_Courses.StudentID
) as s
group by Name

```

100 %

Results Messages

	Name	Max_Average	Min_Average
1	Chemistry	12	10
2	Electrical	19	13
3	Mathematics	18	18

شکل ۳: بدنه و نتایج Query3

```

/***** Script for SelectTopNRows command from SSMS *****/
Select avg(salary) as Average_Salary
from Teachers
where Teachers.ID in (select Available_Courses.TeacherID from Available_Courses);

```

100 %

Results Messages

	Average_Salary
1	8136125.000000

شکل ۴: بدنه و نتایج Query4

```

/***** Script for SelectTopNRows command from SSMS *****/
select Teachers.ID,Teachers.LastName,Teachers.Salary
from Teachers
where Salary > (select avg(Salary) from Teachers);

```

100 %

Results Messages

	ID	LastName	Salary
1	1224503	Ahmadi	8520000.00
2	1224508	Rezaei	8224500.00
3	1224509	Salari	9220000.00

شکل ۵: بدنه و نتایج Query5

```
/****** Script for SelectTopNRows command from SSMS *****/
select Taken_Courses.CourseID , count(*) As Number_Rejected_Stydent
from Taken_Courses
where Grade < 10
group by CourseID
```

100 %

Results Messages

	CourseID	Number_Rejected_Stydent
1	53	1
2	57	1
3	58	1

شکل ۶: بدنه و نتایج Query6