Answer #1

SELECT * FROM Courses

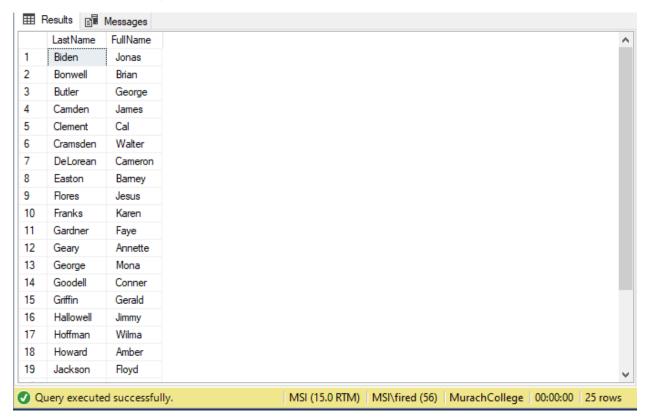
	CourseID	CourseNumber	CourseDescription	CourseUnits	DepartmentID	InstructorID	^
1	1	36598	Beginning Accounting	3	1	1	
2	2	48926	Abstract Algebra	3	4	5	
3	3	14862	Primary Education	3	2	8	
4	4	54321	Anatomy	3	6	16	
5	5	82754	Social Psychology	3	7	9	
6	6	13524	Statistical Analysis	3	1	11	
7	7	24653	Intro to Marketing	3	1	4	
8	8	22679	Intro to Calculus	3	4	5	
9	9	98765	Intermediate Accounting	3	1	1	
10	10	96032	Social Media	3	1	4	
11	11	58230	Physiology	3	6	16	
12	12	81256	Intro to Management	3	1	7	
13	13	64321	Secondary Education	3	2	8	
14	14	32751	Business Writing	2	1	10	
15	15	46972	Biology	4	6	3	
16	16	15487	Music Theory	3	5	12	
17	17	28177	Classic Literature	3	3	15	
18	18	90908	Educational Theory	3	2	13	
19	19	55783	Shakespeare	3	3	15	

Answer #2

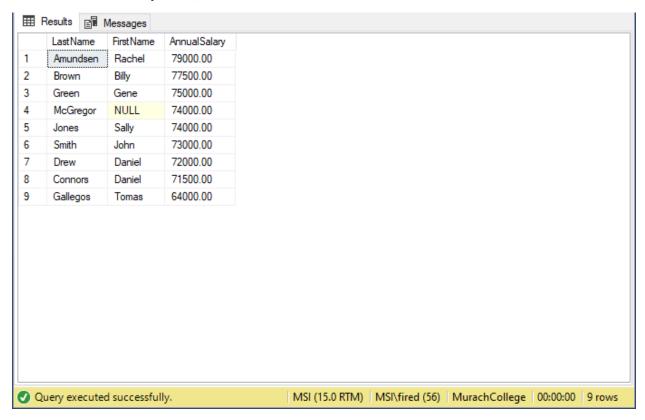
SELECT CourseNumber, CourseDescription, CourseUnits
FROM Courses
ORDER BY CourseNumber ASC;

	CourseNumber	CourseDescription	Course Units		
1	13524	Statistical Analysis	3		
2	14862	Primary Education	3		
3	15487	Music Theory	3		
4	22679	Intro to Calculus	3		
5	24653	Intro to Marketing	3		
6	28177	Classic Literature	3		
7	32751	Business Writing	2		
8	33218	Marching Band	2		
9	36598	Beginning Accounting	3		
10	37645	Composition	3		
11	44386	Trigonometry	3		
12	46972	Biology	4		
13	48926	Abstract Algebra	3		
14	54321	Anatomy	3		
15	55783	Shakespeare	3		
16	58230	Physiology	3		
17	63284	Population and Demographics	3		
18	64321	Secondary Education	3		
19	74832	Creative Writing	3		

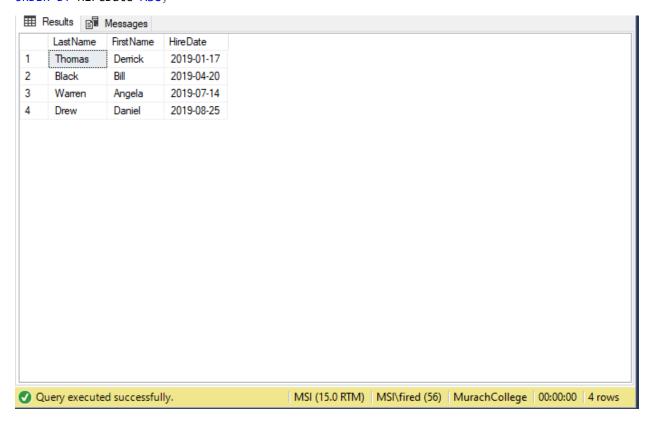
```
SELECT LastName, +' '+ FirstName AS FullName FROM STUDENTS
WHERE LastName BETWEEN 'A' and 'M'
ORDER BY LastName ASC;
```



```
SELECT LastName, FirstName, AnnualSalary
FROM Instructors
WHERE AnnualSalary >= 60000
ORDER BY AnnualSalary DESC;
```



```
SELECT LastName, FirstName, HireDate FROM Instructors
WHERE HireDate BETWEEN '2019-01-01' AND '2019-12-31' ORDER BY HireDate ASC;
```



Answer #6

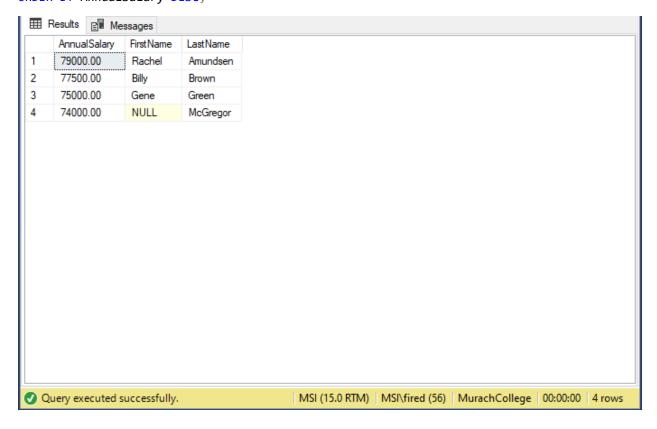
SELECT FirstName, LastName, EnrollmentDate, CurrentDate, DATEDIFF(month, EnrollmentDate, CurrentDate) AS MonthsAttended FROM

(SELECT FirstName, LastName, EnrollmentDate, GETDATE() AS CurrentDate
FROM Students) StudentsWithDate
ORDER BY MonthsAttended ASC;

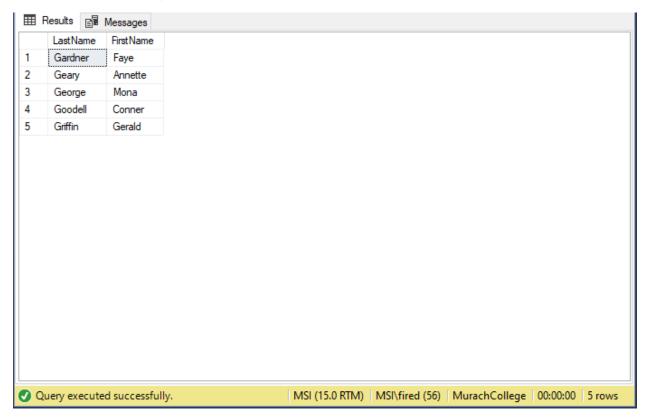
	FirstName	LastName	Enrollment Date	CurrentDate	MonthsAttended	^
1	Stanley	Silver	2020-01-04 11:16:19	2022-09-06 22:46:57.800	32	
2	Jonas	Biden	2020-01-05 13:47:21	2022-09-06 22:46:57.800	32	
3	Walter	Cramsden	2019-12-15 10:18:37	2022-09-06 22:46:57.800	33	
4	Lisa	Lisle	2019-12-17 11:42:28	2022-09-06 22:46:57.800	33	
5	Mona	George	2019-12-22 15:29:44	2022-09-06 22:46:57.800	33	
6	Timothy	Johnson	2019-08-04 09:01:04	2022-09-06 22:46:57.800	37	
7	Andrew	Walker	2019-08-05 13:48:26	2022-09-06 22:46:57.800	37	
8	Faye	Gardner	2019-07-22 08:15:57	2022-09-06 22:46:57.800	38	
9	Karen	Franks	2019-07-23 10:42:03	2022-09-06 22:46:57.800	38	
10	Conner	Goodell	2019-01-02 14:21:58	2022-09-06 22:46:57.800	44	
11	Gerald	Griffin	2019-01-02 16:04:04	2022-09-06 22:46:57.800	44	
12	Letitia	Osbome	2018-12-12 17:14:22	2022-09-06 22:46:57.800	45	
13	Vincent	Manning	2018-12-14 15:37:43	2022-09-06 22:46:57.800	45	
14	Tanya	Sommers	2018-07-22 15:41:12	2022-09-06 22:46:57.800	50	
15	Andrew	Jones	2018-07-24 10:53:26	2022-09-06 22:46:57.800	50	
16	Floyd	Jackson	2018-07-25 09:27:53	2022-09-06 22:46:57.800	50	
17	Annette	Geary	2018-07-12 09:33:47	2022-09-06 22:46:57.800	50	
18	Jesus	Flores	2018-01-03 16:23:47	2022-09-06 22:46:57.800	56	
19	James	Camden	2018-01-04 11:12:31	2022-09-06 22:46:57.800	56	

Answer #7

SELECT TOP 20 PERCENT (AnnualSalary),FirstName, LastName
FROM Instructors
ORDER BY AnnualSalary DESC;



```
SELECT LastName, FirstName
FROM Students
WHERE LastName LIKE 'G%'
ORDER BY LastName ASC;
```



```
SELECT LastName, FirstName, EnrollmentDate, GraduationDate
FROM Students
WHERE EnrollmentDate > '2019-12-01'
          AND GraduationDate IS NULL;
```

