

Assignment 2  
James Livingstone

Answer #1

```
SELECT *  
FROM Courses
```

Results		Messages				
	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

Query executed successfully. | MSI (15.0 RTM) | MSI\fred (56) | MurachCollege | 00:00:00 | 25 rows

Assignment 2  
James Livingstone

Answer #2

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

Results		Messages	
	CourseNumber	CourseDescription	CourseUnits
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

Query executed successfully. | MSI (15.0 RTM) | MSI\fred (56) | MurachCollege | 00:00:00 | 25 rows

Assignment 2  
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Answer #3

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

Results		Messages	
	LastName	FullName	
1	Biden	Jonas	
2	Bonwell	Brian	
3	Butler	George	
4	Camden	James	
5	Clement	Cal	
6	Cramsdan	Walter	
7	DeLorean	Cameron	
8	Easton	Bamey	
9	Flores	Jesus	
10	Franks	Karen	
11	Gardner	Faye	
12	Geary	Annette	
13	George	Mona	
14	Goodell	Conner	
15	Griffin	Gerald	
16	Hallowell	Jimmy	
17	Hoffman	Wilma	
18	Howard	Amber	
19	Jackson	Floyd	
Query executed successfully.			MSI (15.0 RTM)   MSI\fred (56)   MurachCollege   00:00:00   25 rows

Assignment 2  
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Answer #4

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

Results		Messages	
	LastName	FirstName	AnnualSalary
1	Amundsen	Rachel	79000.00
2	Brown	Billy	77500.00
3	Green	Gene	75000.00
4	McGregor	NULL	74000.00
5	Jones	Sally	74000.00
6	Smith	John	73000.00
7	Drew	Daniel	72000.00
8	Connors	Daniel	71500.00
9	Gallegos	Tomas	64000.00

Query executed successfully. | MSI (15.0 RTM) | MSI\fred (56) | MurachCollege | 00:00:00 | 9 rows

Assignment 2  
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Answer #5

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

Results		Messages	
	LastName	FirstName	HireDate
1	Thomas	Derrick	2019-01-17
2	Black	Bill	2019-04-20
3	Warren	Angela	2019-07-14
4	Drew	Daniel	2019-08-25

Query executed successfully. | MSI (15.0 RTM) | MSI\fred (56) | MurachCollege | 00:00:00 | 4 rows

Assignment 2  
James Livingstone

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	EnrollmentDate	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	Cramden	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	Osborne	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

Query executed successfully. | MSI (15.0 RTM) | MSI\fred (56) | MurachCollege | 00:00:00 | 43 rows

Assignment 2  
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Answer #7

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

	AnnualSalary	FirstName	LastName
1	79000.00	Rachel	Amundsen
2	77500.00	Billy	Brown
3	75000.00	Gene	Green
4	74000.00	NULL	McGregor

Query executed successfully. | MSI (15.0 RTM) | MSI\fred (56) | MurachCollege | 00:00:00 | 4 rows

Assignment 2  
James Livingstone

Answer #8

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

Results			Messages	
	LastName	FirstName		
1	Gardner	Faye		
2	Geary	Annette		
3	George	Mona		
4	Goodell	Conner		
5	Griffin	Gerald		

Query executed successfully. | MSI (15.0 RTM) | MSI\fred (56) | MurachCollege | 00:00:00 | 5 rows



## Assignment 2

James Livingstone

### Answer #9

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

Results Messages

	LastName	FirstName	EnrollmentDate	GraduationDate
1	Cramsdn	Walter	2019-12-15 10:18:37	NULL
2	Lisle	Lisa	2019-12-17 11:42:28	NULL
3	George	Mona	2019-12-22 15:29:44	NULL
4	Silver	Stanley	2020-01-04 11:16:19	NULL
5	Biden	Jonas	2020-01-05 13:47:21	NULL

Query executed successfully. MSI (15.0 RTM) MSI\fred (56) MurachCollege 00:00:00 5 rows

Assignment 2  
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Answer #10

```
SELECT FullTimeCost, PerUnitCost, Units, TotalPerUnitCost, FullTimeCost +  
TotalPerUnitCost AS TotalTuition  
FROM(  
SELECT FullTimeCost, PerUnitCost, Units, PerUnitCost * Units AS TotalPerUnitCost  
FROM (  
        SELECT  
            PerUnitCost,  
            FullTimeCost,  
            '12' AS Units  
        FROM  
            Tuition) TuitionWithUnits)TotalTuitionCost;
```

Results		Messages			
	FullTimeCost	PerUnitCost	Units	TotalPerUnitCost	TotalTuition
1	1250.00	62.50	12	750.00	2000.00

Query executed successfully. | MSI (15.0 RTM) | MSI\fred (55) | MurachCollege | 00:00:00 | 1 rows