

Select Command Lab

Directions: Using the TEE command record you commands to these questions. Store your answers in a file named M2U1A1.txt on your flash drive

1. Write an SQL statement that will show only the emp_last column from the employees table

Result:

```
+-----+
| emp_last |
+-----+
| Morris   |
| Smith    |
| Clark    |
| Frank    |
| Stevens  |
| Kennedy  |
| Peters   |
| Chenny   |
| Clark    |
| Stevens  |
| Williams |
| Hall     |
| Smith    |
| Bennet   |
| Quinn    |
| Rain     |
| Holmes   |
| Tate     |
| Tate     |
| Moore    |
| Cook     |
| Franks   |
| Dylan    |
| Crane    |
| Green    |
| Ellis    |
| Lance    |
| Jackson  |
| South    |
| Prince   |
+-----+
```

30 rows in set (0.00 sec)

2. Write an SQL statement that will show only the emp_first column from the employees table

Result:

```
+-----+
| emp_first |
+-----+
| Tony      |
| Paula     |
```

Jenny
Dave
April
Lawance
Perry
Terry
Hellen
Jack
John
Colleen
Dorra
June
Laura
Murry
Cora
Remus
Romus
Misha
Anne
Tim
Jane
lee
Lenny
Steve
Tim
Dylan
Mora
Paul

+-----+

30 rows in set (0.00 sec)

3. Write an SQL statement that will show only the city column from the employees table

Result:

city

+-----+

Allen
Allen
Humming
Hastings
Humming
Humming
Humming
Allen
Corneth
Westbridge
Lane
Lane
South
Kidd
Foto

	Cake	
	Allen	
	South	
	Egg	
	Kow	
	Tempus	
	Gadzooks	
	Town	
	Henry	
	Sunny	
	Logan	
	Town	
	Sol	
	Little John	
	Bruce	

+-----+

30 rows in set (0.00 sec)

4. Write an SQL statement that will show only the state column from the employees table

Result:

+-----+

	state	
--	-------	--

+-----+

	NY	
	SD	
	OH	
	TN	
	OH	
	OH	
	OH	
	SD	
	NY	
	TN	
	KY	
	KY	
	KY	
	SD	
	NY	
	KY	
	SD	
	KY	
	FL	
	TX	
	FL	
	KY	
	KY	
	MI	
	KY	
	WV	
	KY	
	KY	
	WV	

```
| VA      |
+-----+
30 rows in set (0.00 sec)
```

5. Write an SQL statement that will show only the emp_first and emp_last columns from the employees table

Result:

```
+-----+-----+
| emp_first | emp_last |
+-----+-----+
| Tony      | Morris   |
| Paula     | Smith    |
| Jenny     | Clark    |
| Dave      | Frank    |
| April     | Stevens  |
| Lawance   | Kennedy  |
| Perry     | Peters   |
| Terry     | Chenny   |
| Hellen    | Clark    |
| Jack      | Stevens  |
| John      | Williams |
| Colleen   | Hall     |
| Dorra     | Smith    |
| June      | Bennet   |
| Laura     | Quinn    |
| Murry     | Rain     |
| Cora      | Holmes   |
| Remus     | Tate     |
| Romus     | Tate     |
| Misha     | Moore    |
| Anne      | Cook     |
| Tim       | Franks   |
| Jane      | Dylan    |
| lee       | Crane    |
| Lenny     | Green    |
| Steve     | Ellis    |
| Tim       | Lance    |
| Dylan     | Jackson  |
| Mora      | South    |
| Paul      | Prince   |
+-----+-----+
30 rows in set (0.00 sec)
```

6. Write an SQL statement that will show only the city and state columns from the employees table

Result:

```
+-----+-----+
| city      | state    |
```

Allen	NY
Allen	SD
Humming	OH
Hastings	TN
Humming	OH
Humming	OH
Humming	OH
Allen	SD
Corneth	NY
Westbridge	TN
Lane	KY
Lane	KY
South	KY
Kidd	SD
Foto	NY
Cake	KY
Allen	SD
South	KY
Egg	FL
Kow	TX
Tempus	FL
Gadzooks	KY
Town	KY
Henry	MI
Sunny	KY
Logan	WV
Town	KY
Sol	KY
Little John	WV
Bruce	VA

30 rows in set (0.00 sec)

7. Write an SQL statement that will show only the address, city, and state columns from the employees table

Result:

address	city	state
123 Main	Allen	NY
23 South Lane	Allen	SD
Route 12	Humming	OH
12 Mocking Ln	Hastings	TN
78 West Ave	Humming	OH
78 West Street	Humming	OH
83 West Street	Humming	OH
12 West Road	Allen	SD
57th Street	Corneth	NY
83rd Street	Westbridge	TN
23rd Front Street	Lane	KY

34 West Road	Lane	KY	
102 North Road	South	KY	
12 South Road	Kidd	SD	
12 Main Street	Foto	NY	
PO BOX 282	Cake	KY	
17 West Street	Allen	SD	
293 West Ave	South	KY	
34 Chicken Street	Egg	FL	
22 LG Drive	Kow	TX	
87 Glory Road	Tempus	FL	
23 Western Lane	Gadzooks	KY	
11 East Street	Town	KY	
1st Lane	Henry	MI	
23 Green Valley	Sunny	KY	
Route 12	Logan	WV	
Route 234	Town	KY	
12 Glass Road	Sol	KY	
Route 23	Little John	WV	
39 South Bend	Bruce	VA	

+-----+-----+-----+

30 rows in set (0.00 sec)

8. Write an SQL statement that will show all the columns from the employees table

Result:

mysql> select * from employees;

EMP_NUM	EMP_LAST	EMP_FIRST	ADDRESS	CITY	STATE	ZIP
1	Morris	Tony	123 Main	Allen	NY	23412
2	Smith	Paula	23 South Lane	Allen	SD	08262
3	Clark	Jenny	Route 12	Humming	OH	23576
4	Frank	Dave	12 Mocking Ln	Hastings	TN	83723
5	Stevens	April	78 West Ave	Humming	OH	23577
6	Kennedy	Lawance	78 West Street	Humming	OH	23578
7	Peters	Perry	83 West Street	Humming	OH	23578
8	Chenny	Terry	12 West Road	Allen	SD	08932
9	Clark	Hellen	57th Street	Corneth	NY	98756
10	Stevens	Jack	83rd Street	Westbridge	TN	83498
11	Williams	John	23rd Front Street	Lane	KY	45234
12	Hall	Colleen	34 West Road	Lane	KY	45234
13	Smith	Dorra	102 North Road	South	KY	42142
14	Bennet	June	12 South Road	Kidd	SD	08332
15	Quinn	Laura	12 Main Street	Foto	NY	90832
16	Rain	Murry	PO BOX 282	Cake	KY	49872
17	Holmes	Cora	17 West Street	Allen	SD	19836
18	Tate	Remus	293 West Ave	South	KY	42142
19	Tate	Romus	34 Chicken Street	Egg	FL	78764
20	Moore	Misha	22 LG Drive	Kow	TX	67654
21	Cook	Anne	87 Glory Road	Tempus	FL	79832
22	Franks	Tim	23 Western Lane	Gadzooks	KY	41832
23	Dylan	Jane	11 East Street	Town	KY	44323

24	Crane	lee	1st Lane	Henry	MI	55343
25	Green	Lenny	23 Green Valley	Sunny	KY	43233
26	Ellis	Steve	Route 12	Logan	WV	62323
27	Lance	Tim	Route 234	Town	KY	44323
28	Jackson	Dylan	12 Glass Road	Sol	KY	49873
29	South	Mora	Route 23	Little John	WV	62345
30	Prince	Paul	39 South Bend	Bruce	VA	12938

30 rows in set (0.01 sec)

9. Write an SQL statement that will show all the columns from the vendors table

Result:

VEN_CODE	VEN_NAME	CREDIT
01	GN FOODS	1000.00
02	Easy Out Inc	2500.00
03	OK Clothes	550.00
04	Spring Cleaners	750.00
05	Jason James Foods	1500.00
06	EK Support Inc	1800.00
07	George Tate Gym	1800.00
08	Up All Night Cleaners	1600.00
09	Junky Kars	125.00
10	Rosy Market	1200.00

10 rows in set (0.00 sec)

10. Write an SQL statement that will show only the ven_name column from the vendors table

Result:

ven_name
GN FOODS
Easy Out Inc
OK Clothes
Spring Cleaners
Jason James Foods
EK Support Inc
George Tate Gym
Up All Night Cleaners
Junky Kars
Rosy Market

10 rows in set (0.00 sec)

11. Write an SQL statement that will show only the credit column from the vendors table

Result:

```

+-----+
| credit |
+-----+
| 1000.00 |
| 2500.00 |
| 550.00 |
| 750.00 |
| 1500.00 |
| 1800.00 |
| 1800.00 |
| 1600.00 |
| 125.00 |
| 1200.00 |
+-----+
10 rows in set (0.00 sec)

```

12. Write an SQL statement that will show only the ven_name and credit columns from the vendors table

Result:

```

+-----+-----+
| ven_name          | credit |
+-----+-----+
| GN FOODS          | 1000.00 |
| Easy Out Inc      | 2500.00 |
| OK Clothes        | 550.00 |
| Spring Cleaners   | 750.00 |
| Jason James Foods | 1500.00 |
| EK Support Inc    | 1800.00 |
| George Tate Gym   | 1800.00 |
| Up All Night Cleaners | 1600.00 |
| Junky Kars        | 125.00 |
| Rosy Market       | 1200.00 |
+-----+-----+
10 rows in set (0.00 sec)

```

13. Write an SQL statement that will show all the columns from the products table

Result:

```

+-----+-----+
| PRODUCT_NAME      | PRICE |
+-----+-----+
| Hammer            | 12.99 |
| Stove              | 399.99 |
| Nails              | 1.99 |
| Mirror             | 300.99 |
| Lights             | 10.99 |
| Shelves            | 59.99 |
| Gas Range          | 599.99 |
| Electric Heater    | 29.99 |
| Repair Manual      | 15.99 |

```


Floor Tiles	39.98	
Washer	199.95	
Dryer	299.95	
Sink	87.99	
2X4	10.50	
Sofa	234.95	
Couch	495.99	
Sofa Cover	49.95	
Wood Glue	8.75	
Tomato Plans	2.99	
Red Roses	24.95	
1 GB RAM	59.95	
WD 1TB Hard Drive	100.99	
CD ROM	34.99	

+-----+

23 rows in set (0.00 sec)

14. Write an SQL statement that will show only the product_name column from the products table

Result:

product_name	
--------------	--

+-----+

Hammer	
Stove	
Nails	
Mirror	
Lights	
Shelves	
Gas Range	
Electric Heater	
Repair Manual	
Floor Tiles	
Washer	
Dryer	
Sink	
2X4	
Sofa	
Couch	
Sofa Cover	
Wood Glue	
Tomato Plans	
Red Roses	
1 GB RAM	
WD 1TB Hard Drive	
CD ROM	

+-----+

23 rows in set (0.00 sec)

15. Write an SQL statement that will show only the product_name and price columns from the products table

Result:

```
+-----+-----+
| product_name      | price |
+-----+-----+
| Hammer            | 12.99 |
| Stove              | 399.99 |
| Nails              | 1.99 |
| Mirror             | 300.99 |
| Lights             | 10.99 |
| Shelves            | 59.99 |
| Gas Range          | 599.99 |
| Electric Heater    | 29.99 |
| Repair Manual      | 15.99 |
| Floor Tiles        | 39.98 |
| Washer             | 199.95 |
| Dryer              | 299.95 |
| Sink               | 87.99 |
| 2X4                | 10.50 |
| Sofa               | 234.95 |
| Couch              | 495.99 |
| Sofa Cover         | 49.95 |
| Wood Glue          | 8.75 |
| Tomato Plans       | 2.99 |
| Red Roses          | 24.95 |
| 1 GB RAM           | 59.95 |
| WD 1TB Hard Drive | 100.99 |
| CD ROM             | 34.99 |
+-----+-----+
23 rows in set (0.01 sec)
```