

## Comp1168 LabNo01

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### Question1

show databases;

Database
ap
ex
information_schema
mysql
om
performance_schema
sys

### Question2

use ex;

Database
ap
ex
information_schema
mysql
om
performance_schema
sys

### Question3

show tables;

Tables_in_ex
active_invoices
color_sample
customers
date_sample
departments

(First 5 columns)

### Question4

describe employees;

Field	Type	Null	Key	Default	Extra
employee_id	int	NO		NULL	
last_name	varchar(35)	NO		NULL	
first_name	varchar(35)	NO		NULL	
department_number	int	NO		NULL	
manager_id	int	YES		NULL	

### Question5

select \* from employees;

employee_id	last_name	first_name	department_num...	manager_id
1	Smith	Cindy	2	NULL
2	Jones	Elmer	4	1
3	Simonian	Ralph	2	2
4	Hernandez	Olivia	1	9
5	Aaronsen	Robert	2	4

(First 5 columns)

### Question6

select first\_name, last\_name from employees;

first_name	last_name
Cindy	Smith
Elmer	Jones
Ralph	Simonian
Olivia	Hernandez
Robert	Aaronsen

### Question7

select first\_name, last\_name, department\_number from employees where department\_number = 6;

first_name	last_name	department_num...
Denise	Watson	6
Paulo	Locario	6

### Question8

select \* from paid\_invoices where payment\_total >= 2500;

invoice_id	vendor_id	invoice_num...	invoice_date	invoice_total	payment_to...	credit_to...	terms_id	invoice_due_date	payment_date
4	110	P-0259	2014-04-16	26881.40	26881.40	0.00	3	2014-05-16	2014-05-12
11	122	989319-457	2014-04-24	3813.33	3813.33	0.00	3	2014-05-29	2014-05-20
12	122	989319-447	2014-04-24	3689.99	3689.99	0.00	3	2014-05-22	2014-05-12
13	122	989319-437	2014-04-24	2765.36	2765.36	0.00	2	2014-05-15	2014-05-03
36	110	0-2060	2014-05-08	23517.58	21221.63	2295.95	3	2014-06-09	2014-06-10

(First 5 columns)

### Question9

select \* from customers where customer\_state like 'IL';

customer_id	customer_last_na...	customer_first_na...	customer_address	customer_ci...	customer_sta...	customer_zip	customer_ph...
6	Moos	Hanna	1778 N Bovine Ave	Peoria	IL	61638	(309) 555-8755
7	Citeaux	Fred	1234 Main St	Normal	IL	61761	(309) 555-1914
9	Lebihan	Laurence	717 E Michigan Ave	Chicago	IL	60611	(312) 555-9441

## Question10

select \* from customers order by customer\_last\_name;

customer_id	customer_last_na...	customer_first_na...	customer_address	customer_ci...	customer_sta...	customer_zip	customer_ph...
1	Anders	Maria	345 Winchell Pl	Anderson	IN	46014	(765) 555-7878
5	Berglund	Christina	22717 E 73rd Ave	Dubuque	IA	52004	(319) 555-1139
19	Braunschweiler	Art	P.O. Box 555	Lander	WY	82520	(307) 555-4680
24	Chelan	Donna	2299 E Baylor Dr	Dallas	TX	75224	(469) 555-8828
7	Citeaux	Fred	1234 Main St	Normal	IL	61761	(309) 555-1914