Comp1168 LabNo02

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Date: 2024/01/18

Question1

use om;

select artist, title

from om.items

WHERE artist = 'Umami'

ORDER BY title asc;

artist	title
Umami	Umami In Concert
Umami	Zone Out With Umami

Question2

use om;

select customer_first_name, customer_last_name, customer_zip

from om.customers

WHERE customer_zip LIKE '9%'

ORDER BY customer_first_name asc;

customer_first_na...	customer_last_na...	customer_zip
Ania	Irvin	92807
Dakota	Baylee	90038
Deborah	Damien	93728
Julian	Carson	94161
Karina	Lacy	90084

Question3

use ap;

select vendor_id, vendor_name

from ap.vendors

WHERE vendor_name LIKE 'N%'

ORDER BY vendor_id asc;

vendor_id	vendor_name
2	National Information Data Ctr
5	Newbrige Book Clubs
33	Nielson
40	Nat Assoc of College Stores
45	Naylor Publications Inc
111	Net Asset, Llc

Question4

use ex;

select *

from ex.customers

WHERE customer_phone LIKE '(309)%'

customer_id	customer_last_na...	customer_first_na...	customer_address	customer_ci...	customer_sta...	customer_zip	customer_pho...
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

Question5

USE ap;

SELECT invoice_id, (invoice_total - payment_total - credit_total) AS Balance

FROM ap.invoices

WHERE (invoice_total - payment_total - credit_total) > 1000

ORDER BY Balance DESC;

invoice_id	Balance
102	19351.18
112	10976.06

Question6

USE ap;

SELECT

   invoice_id, invoice_total,

   ROUND(0.2 * invoice_total, 2) AS Discount,

   ROUND((0.8 * invoice_total), 2) AS TotalDue

FROM ap.invoices;

invoice_id	invoice_total	Discount	TotalDue
1	3813.33	762.67	3050.66
2	40.20	8.04	32.16
3	138.75	27.75	111.00
4	144.70	28.94	115.76
5	15.50	3.10	12.40

Question7

USE ex;

SELECT DISTINCT customer_id,

   CONCAT(customer_first_name, ' ', customer_last_name) AS full_name

FROM ex.customers

WHERE customer_first_name LIKE '%a%' OR customer_last_name LIKE '%a%'

ORDER BY full_name ASC;

customer_id	full_name
2	Ana Trujillo
3	Antonio Moreno
19	Art Braunschweiger
5	Christina Berglund
24	Donna Chelan
10	Elizabeth Lincoln
15	Fran Wilson
7	Fred Citeaux
6	Hanna Moos
22	Helvetius Nagy

Question8

use om;

SELECT order_id, customer_id, order_date, shipped_date

FROM om.orders

WHERE YEAR(order_date) = 2014

AND shipped_date IS NULL;

order_id	customer_id	order_date	shipped_date
824	1	2014-08-01	NULL
827	18	2014-08-02	NULL
829	9	2014-08-02	NULL

Question9

use ap;

SELECT *

FROM ap.invoices

WHERE payment_total BETWEEN 1000 AND 1500;

invoice_id	vendor_id	invoice_numb...	invoice_date	invoice_total	payment_to...	credit_to...	terms_id	invoice_due_date	payment_date
52	34	Q545443	2014-06-09	1083.58	1083.58	0.00	1	2014-06-19	2014-06-23
57	103	75C-90227	2014-06-11	1367.50	1367.50	0.00	5	2014-07-31	2014-07-31
109	121	97/222	2014-07-25	1000.46	1000.46	0.00	3	2014-08-24	2014-08-22
NULL	NULL	NULL	NULL	NULL	NULL	NULL	NULL	NULL	NULL

Question10

use ap;

SELECT vendor_name, vendor_state

FROM ap.vendors

WHERE vendor_state IN ('FL', 'NJ', 'WI', 'DC')

ORDER BY vendor_name ASC;

vendor_name	vendor_state
National Information Data Ctr	DC
Naylor Publications Inc	FL
Newbrige Book Clubs	NJ
Register of Copyrights	DC
Reiter's Scientific & Pro Books	DC

Question11

use ap;

SELECT DISTINCT vendor_city

FROM ap.vendors

ORDER BY vendor_city;

vendor_city
Anaheim
Ann Arbor
Auburn Hills
Boston
Brea
Carol Stream

Question12

use ex;

SELECT *

FROM ex.customers

ORDER BY customer_id

LIMIT 5;

customer_id	customer_last_na...	customer_first_na...	customer_address	customer_ci...	customer_sta...	customer_zip	customer_pho...
1	Anders	Maria	345 Winchell Pl	Anderson	IN	46014	(765) 555-7878
2	Trujillo	Ana	1298 E Smathers St	Benton	AR	72018	(501) 555-7733
3	Moreno	Antonio	6925 N Parkland Ave	Puyallup	WA	98373	(253) 555-8332
4	Hardy	Thomas	83 d'Urberville Ln	Casterbridge	GA	31209	(478) 555-1139
5	Berglund	Christina	22717 E 73rd Ave	Dubuque	IA	52004	(319) 555-1139

Question13

use ap;

SELECT *

FROM ap.invoices

ORDER BY invoice_id

LIMIT 3 OFFSET 52;

invoice_id	vendor_id	invoice_numb...	invoice_date	invoice_total	payment_to...	credit_to...	terms_id	invoice_due_date	payment_date
53	95	111-92R-10092	2014-06-09	46.21	46.21	0.00	2	2014-06-29	2014-07-02
54	121	97/553B	2014-06-10	313.55	313.55	0.00	3	2014-07-10	2014-07-09
55	123	963253245	2014-06-10	40.75	40.75	0.00	3	2014-07-10	2014-07-12
NULL	NULL	NULL	NULL	NULL	NULL	NULL	NULL	NULL	NULL