

Name :-

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Roll No. S20230010193

Subject :- DBMS

Lab Assignment 4

## Exercise 1

Result Grid	Filter Rows:
COUNT(emp_name)	
20	

1.

Result Grid	Filter Rows:
emp_dept	max(income)
Finance	280000.00
HR	120000.00
Management	500000.00
Sales	30000.00
Accounts	800000.00









2.

Result Grid		Filter Rows:		Edit:		Export/Import:		Wrap Cell Content	
	emp_id	emp_name	emp_dept	emp_age	place	income	doj		
▶	2505	peter	Finance	32	Newyork	100000.00	2002-08-25		
	2507	Donald	Finance	28	Arizona	100000.00	1995-12-26		
	2508	Obama	Management	35	Florida	500000.00	1990-10-30		
	2512	Mac	Finance	40	Florida	280000.00	280000.00 9		
	2515	peter	Finance	32	Newyork	100000.00	1989-10-10		
	2517	Donald	Finance	28	Arizona	100000.00	1970-06-09		
	2518	Obama	Management	35	Florida	500000.00	2020-10-25		
	2522	Mac	Finance	40	Florida	280000.00	1995-12-26		
*	NULL	NULL	NULL	NULL	NULL	NULL	NULL		

3.

Result Grid	Filter Rows:
count(income > 100000)	
20	

4.

Result Grid			 Filter Rows:	<input type="text"/>	Edit:				Export/Import:			Wrap Cell Content:	
	emp_id	emp_name	emp_dept	emp_age	place	income	doj						
	2519	Linklon	HR	25	Georgia	25000.00	2000-01-01						
	2510	Kane	Sales	29	Alaska	30000.00	2000-01-01						
	2520	Kane	Sales	29	Alaska	30000.00	2008-08-08						
	2511	Adam	Management	38	California	54000.00	2020-10-25						
	2521	Adam	Management	38	California	54000.00	1990-10-30						
	2505	peter	Finance	32	Newyork	100000.00	2002-08-25						
	2507	Donald	Finance	28	Arizona	100000.00	1995-12-26						
	2515	peter	Finance	32	Newyork	100000.00	1989-10-10						
	2517	Donald	Finance	28	Arizona	100000.00	1970-06-09						
	2506	Mark	HR	32	California	120000.00	1980-03-25						
	2516	Mark	HR	32	California	120000.00	1990-12-11						
	2512	Mac	Finance	40	Florida	280000.00	1970-06-09						
	2522	Mac	Finance	40	Florida	280000.00	1995-12-26						
	2508	Obama	Management	35	Florida	500000.00	1990-10-30						
	2518	Obama	Management	35	Florida	500000.00	2020-10-25						
	2513	Manas	Accounts	29	India	600000.00	1990-12-11						
	2523	Manas	Accounts	29	India	600000.00	1980-03-25						
	2514	Vasin	Accounts	30	India	800000.00	1989-10-10						
	2524	Vasin	Accounts	30	India	800000.00	2002-08-25						

5.

Result Grid			
	emp_dept	count(emp_id)	max(income)
▶	Finance	6	280000.00
	HR	4	120000.00
	Management	4	500000.00
	Sales	2	30000.00
	Accounts	4	800000.00

6.

Result Grid		
	place	count(emp_id)
▶	Newyork	2
	California	4
	Arizona	2
	Florida	4
	Georgia	2
	Alaska	2
	India	4

7.

Result Grid		
	place	count(emp_id)
▶	Newyork	2
	Arizona	2
	Georgia	2
	Alaska	2
	California	4
	Florida	4
	India	4

8.

Result Grid		
	place	count(emp_id)
▶	Newyork	2
	Arizona	2
	Georgia	2
	Alaska	2
	California	4
	Florida	4
	India	4

9.

Result Grid		
	place	count(emp_id)
▶	Newyork	2
	Arizona	2
	Georgia	2
	Alaska	2
	Florida	4
	India	4

10.

## Exercise 2

1. Loaded csv using workbench

Result Grid | Filter Rows: | Export

	customer_name	loan_number	amount
▶	Smith	L-11	900
	Hayes	L-15	1500
	Adams	L-16	1300
	Jones	L-17	1000
	Williams	L-17	1000
	Smith	L-23	2000
	Curry	L-93	500

- 2.

Result Grid | Filter Rows: | Export

	customer_name	loan_number	amount
▶	Smith	L-11	900
	Jones	L-17	1000
	Williams	L-17	1000
	Smith	L-23	2000
	Curry	L-93	500

- 3.

Result Grid | Filter Rows: | Export

	branch_name	branch_city	assets
▶	Downtown	Brooklyn	9000000.00
	Round Hill	Horseneck	8000000.00
*	NULL	NULL	NULL

- 4.

Result Grid | Filter Rows: | Export

	customer_name
▶	Adams
	Hayes

- 5.

Result Grid | Filter Rows: | Export

	loan_number	branch_name	amount
▶	L-23	Redwood	2000
	L-14	Downtown	1500
	L-15	Perryridge	1500
	L-16	Perryridge	1300
	L-17	Downtown	1000
	L-11	Round Hill	900
	L-93	Mianus	500
*	NULL	NULL	NULL

- 6.

Result Grid | Filter Rows: | Export

	avg(balance)
▶	614.285714

- 7.

Result Grid | Filter Rows: | Export

	count(customer_name)
▶	12

- 8.

sum(amount)
8700

9.

avg(balance)
400.000000

10.

branch_name	avg(balance)
Brighton	825.000000
Downtown	500.000000
Mianus	700.000000
Perryridge	400.000000
Redwood	700.000000
Round Hill	350.000000

11.

branch_name	avg(balance)
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12.

branch_name	count(depositor.customer_name)
Downtown	1
Perryridge	1
Brighton	2
Mianus	1
Redwood	1
Round Hill	1

13.

customer_name	average_balance
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14.