

CSE370 : Database Systems

Assignment 01 | Fall 2024

ID : 22201949 | Name :Az mari Sultana

No 1 Query (as Plain Text)	select* from developers;
No 1 SS (of Query & Output in Shell)	<pre>MariaDB [google_22201949]> select* from developers; +-----+-----+-----+-----+-----+-----+ member_id name email influence_count joining_date multiplier +-----+-----+-----+-----+-----+-----+ 1 Taylor Otwell otwell@laravel.com 739360 2020-06-10 10 2 Ryan Dahl ryan@nodejs.org 633632 2020-04-22 10 3 Brendan Eich eich@javascript.com 939570 2020-05-07 8 4 Evan You you@vuejs.org 982630 2020-06-11 7 5 Rasmus Lerdorf lerdorf@php.net 937927 2020-06-03 8 6 Guido van Rossum guido@python.org 968827 2020-07-18 19 7 Adrian Holovaty adrian@django project.com 570724 2020-05-07 5 8 Simon Willison simon@django project.com 864615 2020-04-30 4 9 James Gosling james@java.com 719491 2020-05-18 5 10 Rod Johnson rod@spring.io 601744 2020-05-18 7 11 Satoshi Nakamoto nakamoto@blockchain.com 630488 2020-05-10 10 +-----+-----+-----+-----+-----+-----+ 11 rows in set (0.001 sec)</pre>
No 2 Query (as Plain Text)	alter table developers change influence_count followers int;
No 2 SS (of Query & Output in Shell)	<pre>MariaDB [google_22201949]> select* from developers; +-----+-----+-----+-----+-----+-----+ member_id name email followers joining_date multiplier +-----+-----+-----+-----+-----+-----+ 1 Taylor Otwell otwell@laravel.com 739360 2020-06-10 10 2 Ryan Dahl ryan@nodejs.org 633632 2020-04-22 10 3 Brendan Eich eich@javascript.com 939570 2020-05-07 8 4 Evan You you@vuejs.org 982630 2020-06-11 7 5 Rasmus Lerdorf lerdorf@php.net 937927 2020-06-03 8 6 Guido van Rossum guido@python.org 968827 2020-07-18 19 7 Adrian Holovaty adrian@django project.com 570724 2020-05-07 5 8 Simon Willison simon@django project.com 864615 2020-04-30 4 9 James Gosling james@java.com 719491 2020-05-18 5 10 Rod Johnson rod@spring.io 601744 2020-05-18 7 11 Satoshi Nakamoto nakamoto@blockchain.com 630488 2020-05-10 10 +-----+-----+-----+-----+-----+-----+ 11 rows in set (0.001 sec)</pre>
No 3 Query (as Plain Text)	update developers set followers= followers+10;

No 3 SS (of Query & Output in Shell)	<pre>MariaDB [google_22201949]> select* from developers;</pre> <table><thead><tr><th></th><th>member_id</th><th>name</th><th>email</th><th>followers</th><th>joining_date</th><th>multiplier</th></tr></thead><tbody><tr><td></td><td>1</td><td>Taylor Otwell</td><td>otwell@laravel.com</td><td>739370</td><td>2020-06-10</td><td>10</td></tr><tr><td></td><td>2</td><td>Ryan Dahl</td><td>ryan@nodejs.org</td><td>633642</td><td>2020-04-22</td><td>10</td></tr><tr><td></td><td>3</td><td>Brendan Eich</td><td>eich@javascript.com</td><td>939580</td><td>2020-05-07</td><td>8</td></tr><tr><td></td><td>4</td><td>Evan You</td><td>you@vuejs.org</td><td>982640</td><td>2020-06-11</td><td>7</td></tr><tr><td></td><td>5</td><td>Rasmus Lerdorf</td><td>lerdorf@php.net</td><td>937937</td><td>2020-06-03</td><td>8</td></tr><tr><td></td><td>6</td><td>Guido van Rossum</td><td>guido@python.org</td><td>968837</td><td>2020-07-18</td><td>19</td></tr><tr><td></td><td>7</td><td>Adrian Holovaty</td><td>adrian@django.org</td><td>570734</td><td>2020-05-07</td><td>5</td></tr><tr><td></td><td>8</td><td>Simon Willison</td><td>simon@django.org</td><td>864625</td><td>2020-04-30</td><td>4</td></tr><tr><td></td><td>9</td><td>James Gosling</td><td>james@java.com</td><td>719501</td><td>2020-05-18</td><td>5</td></tr><tr><td></td><td>10</td><td>Rod Johnson</td><td>rod@spring.io</td><td>601754</td><td>2020-05-18</td><td>7</td></tr><tr><td></td><td>11</td><td>Satoshi Nakamoto</td><td>nakamoto@blockchain.com</td><td>630498</td><td>2020-05-10</td><td>10</td></tr></tbody></table> <pre>11 rows in set (0.001 sec)</pre>		member_id	name	email	followers	joining_date	multiplier		1	Taylor Otwell	otwell@laravel.com	739370	2020-06-10	10		2	Ryan Dahl	ryan@nodejs.org	633642	2020-04-22	10		3	Brendan Eich	eich@javascript.com	939580	2020-05-07	8		4	Evan You	you@vuejs.org	982640	2020-06-11	7		5	Rasmus Lerdorf	lerdorf@php.net	937937	2020-06-03	8		6	Guido van Rossum	guido@python.org	968837	2020-07-18	19		7	Adrian Holovaty	adrian@django.org	570734	2020-05-07	5		8	Simon Willison	simon@django.org	864625	2020-04-30	4		9	James Gosling	james@java.com	719501	2020-05-18	5		10	Rod Johnson	rod@spring.io	601754	2020-05-18	7		11	Satoshi Nakamoto	nakamoto@blockchain.com	630498	2020-05-10	10
	member_id	name	email	followers	joining_date	multiplier																																																																															
	1	Taylor Otwell	otwell@laravel.com	739370	2020-06-10	10																																																																															
	2	Ryan Dahl	ryan@nodejs.org	633642	2020-04-22	10																																																																															
	3	Brendan Eich	eich@javascript.com	939580	2020-05-07	8																																																																															
	4	Evan You	you@vuejs.org	982640	2020-06-11	7																																																																															
	5	Rasmus Lerdorf	lerdorf@php.net	937937	2020-06-03	8																																																																															
	6	Guido van Rossum	guido@python.org	968837	2020-07-18	19																																																																															
	7	Adrian Holovaty	adrian@django.org	570734	2020-05-07	5																																																																															
	8	Simon Willison	simon@django.org	864625	2020-04-30	4																																																																															
	9	James Gosling	james@java.com	719501	2020-05-18	5																																																																															
	10	Rod Johnson	rod@spring.io	601754	2020-05-18	7																																																																															
	11	Satoshi Nakamoto	nakamoto@blockchain.com	630498	2020-05-10	10																																																																															
No 4 Query (as Plain Text)	select name, ((followers*100/1000000) * (multiplier*100/20))/100 as Efficiency from developers;																																																																																				
No 4 SS (of Query & Output in Shell)	<pre>MariaDB [google_22201949]> select name, ((followers*100/1000000) * (multiplier*100/20))/100 as Efficiency from developers;</pre> <table><thead><tr><th></th><th>name</th><th>Efficiency</th></tr></thead><tbody><tr><td></td><td>Taylor Otwell</td><td>36.968500000000</td></tr><tr><td></td><td>Ryan Dahl</td><td>31.682100000000</td></tr><tr><td></td><td>Brendan Eich</td><td>37.583200000000</td></tr><tr><td></td><td>Evan You</td><td>34.392400000000</td></tr><tr><td></td><td>Rasmus Lerdorf</td><td>37.517480000000</td></tr><tr><td></td><td>Guido van Rossum</td><td>92.039515000000</td></tr><tr><td></td><td>Adrian Holovaty</td><td>14.268350000000</td></tr><tr><td></td><td>Simon Willison</td><td>17.292500000000</td></tr><tr><td></td><td>James Gosling</td><td>17.987525000000</td></tr><tr><td></td><td>Rod Johnson</td><td>21.061390000000</td></tr><tr><td></td><td>Satoshi Nakamoto</td><td>31.524900000000</td></tr></tbody></table> <pre>11 rows in set (0.001 sec)</pre>		name	Efficiency		Taylor Otwell	36.968500000000		Ryan Dahl	31.682100000000		Brendan Eich	37.583200000000		Evan You	34.392400000000		Rasmus Lerdorf	37.517480000000		Guido van Rossum	92.039515000000		Adrian Holovaty	14.268350000000		Simon Willison	17.292500000000		James Gosling	17.987525000000		Rod Johnson	21.061390000000		Satoshi Nakamoto	31.524900000000																																																
	name	Efficiency																																																																																			
	Taylor Otwell	36.968500000000																																																																																			
	Ryan Dahl	31.682100000000																																																																																			
	Brendan Eich	37.583200000000																																																																																			
	Evan You	34.392400000000																																																																																			
	Rasmus Lerdorf	37.517480000000																																																																																			
	Guido van Rossum	92.039515000000																																																																																			
	Adrian Holovaty	14.268350000000																																																																																			
	Simon Willison	17.292500000000																																																																																			
	James Gosling	17.987525000000																																																																																			
	Rod Johnson	21.061390000000																																																																																			
	Satoshi Nakamoto	31.524900000000																																																																																			
No 5 Query (as Plain Text)	select upper(name), joining_date from developers order by joining_date desc;																																																																																				
No 5 SS (of Query & Output in Shell)	<pre>MariaDB [google_22201949]> select upper(name), joining_date from developers order by joining_date desc;</pre> <table><thead><tr><th></th><th>upper(name)</th><th>joining_date</th></tr></thead><tbody><tr><td></td><td>GUIDO VAN ROSSUM</td><td>2020-07-18</td></tr><tr><td></td><td>EVAN YOU</td><td>2020-06-11</td></tr><tr><td></td><td>TAYLOR OTWELL</td><td>2020-06-10</td></tr><tr><td></td><td>RASMUS LERDORF</td><td>2020-06-03</td></tr><tr><td></td><td>JAMES GOSLING</td><td>2020-05-18</td></tr><tr><td></td><td>ROD JOHNSON</td><td>2020-05-18</td></tr><tr><td></td><td>SATOSHI NAKAMOTO</td><td>2020-05-10</td></tr><tr><td></td><td>BRENDAN EICH</td><td>2020-05-07</td></tr><tr><td></td><td>ADRIAN HOLOVATY</td><td>2020-05-07</td></tr><tr><td></td><td>SIMON WILLISON</td><td>2020-04-30</td></tr><tr><td></td><td>RYAN DAHL</td><td>2020-04-22</td></tr></tbody></table> <pre>11 rows in set (0.001 sec)</pre>		upper(name)	joining_date		GUIDO VAN ROSSUM	2020-07-18		EVAN YOU	2020-06-11		TAYLOR OTWELL	2020-06-10		RASMUS LERDORF	2020-06-03		JAMES GOSLING	2020-05-18		ROD JOHNSON	2020-05-18		SATOSHI NAKAMOTO	2020-05-10		BRENDAN EICH	2020-05-07		ADRIAN HOLOVATY	2020-05-07		SIMON WILLISON	2020-04-30		RYAN DAHL	2020-04-22																																																
	upper(name)	joining_date																																																																																			
	GUIDO VAN ROSSUM	2020-07-18																																																																																			
	EVAN YOU	2020-06-11																																																																																			
	TAYLOR OTWELL	2020-06-10																																																																																			
	RASMUS LERDORF	2020-06-03																																																																																			
	JAMES GOSLING	2020-05-18																																																																																			
	ROD JOHNSON	2020-05-18																																																																																			
	SATOSHI NAKAMOTO	2020-05-10																																																																																			
	BRENDAN EICH	2020-05-07																																																																																			
	ADRIAN HOLOVATY	2020-05-07																																																																																			
	SIMON WILLISON	2020-04-30																																																																																			
	RYAN DAHL	2020-04-22																																																																																			
No 6 Query	select member_id, name, email, followers from developers where email like '%.com' or																																																																																				

(as Plain Text)	email like '%.net';																																
No 6 SS (of Query & Output in Shell)	<pre>MariaDB [google_22201949]> select member_id, name, email, followers from developers where email like '%.com' or email like '%.net';</pre> <table><tr><th>member_id</th><th>name</th><th>email</th><th>followers</th></tr><tr><td>1</td><td>Taylor Otwell</td><td>otwell@laravel.com</td><td>739370</td></tr><tr><td>3</td><td>Brendan Eich</td><td>eich@javascript.com</td><td>939580</td></tr><tr><td>5</td><td>Rasmus Lerdorf</td><td>lerdorf@php.net</td><td>937937</td></tr><tr><td>7</td><td>Adrian Holovaty</td><td>adrian@django-project.com</td><td>570734</td></tr><tr><td>8</td><td>Simon Willison</td><td>simon@django-project.com</td><td>864625</td></tr><tr><td>9</td><td>James Gosling</td><td>james@java.com</td><td>719501</td></tr><tr><td>11</td><td>Satoshi Nakamoto</td><td>nakamoto@blockchain.com</td><td>630498</td></tr></table> <pre>7 rows in set (0.001 sec)</pre>	member_id	name	email	followers	1	Taylor Otwell	otwell@laravel.com	739370	3	Brendan Eich	eich@javascript.com	939580	5	Rasmus Lerdorf	lerdorf@php.net	937937	7	Adrian Holovaty	adrian@django-project.com	570734	8	Simon Willison	simon@django-project.com	864625	9	James Gosling	james@java.com	719501	11	Satoshi Nakamoto	nakamoto@blockchain.com	630498
member_id	name	email	followers																														
1	Taylor Otwell	otwell@laravel.com	739370																														
3	Brendan Eich	eich@javascript.com	939580																														
5	Rasmus Lerdorf	lerdorf@php.net	937937																														
7	Adrian Holovaty	adrian@django-project.com	570734																														
8	Simon Willison	simon@django-project.com	864625																														
9	James Gosling	james@java.com	719501																														
11	Satoshi Nakamoto	nakamoto@blockchain.com	630498																														