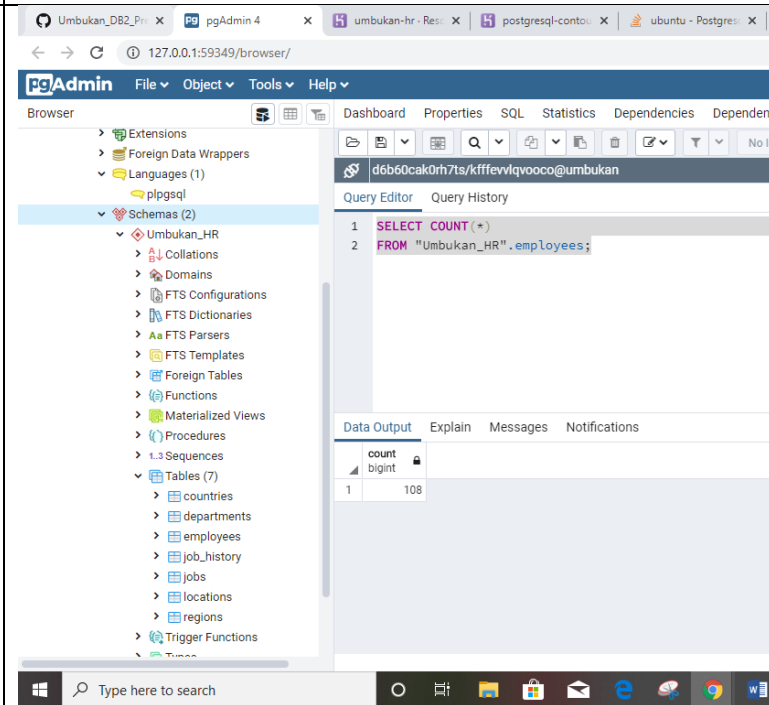
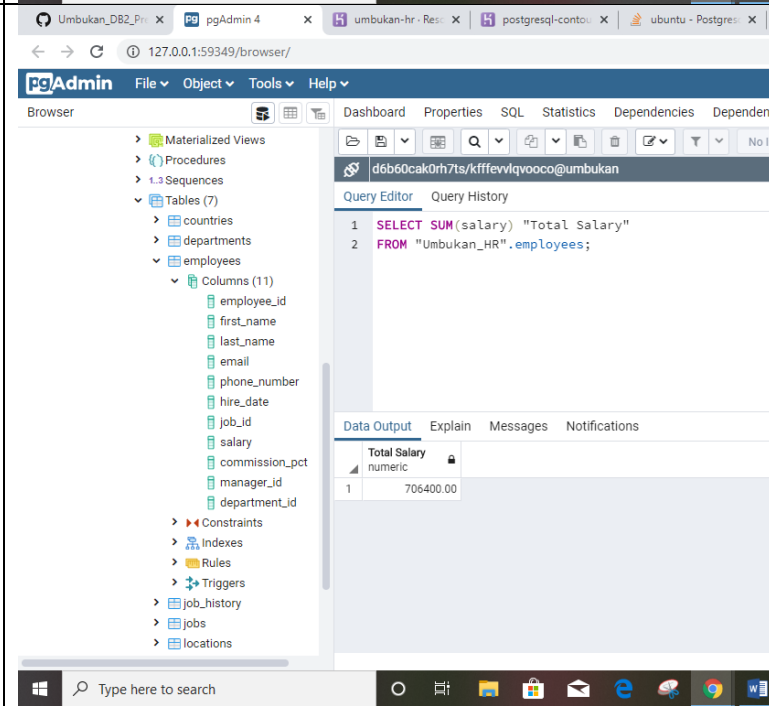
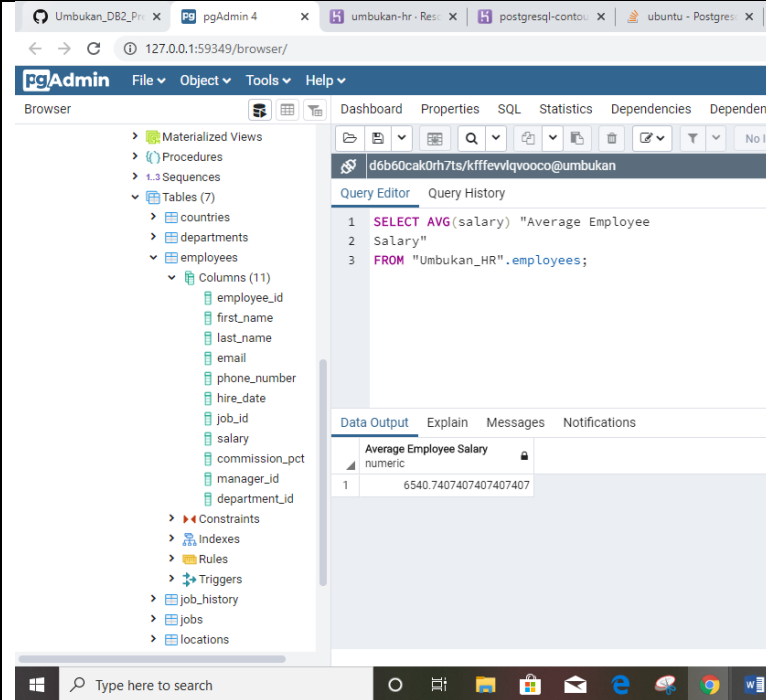
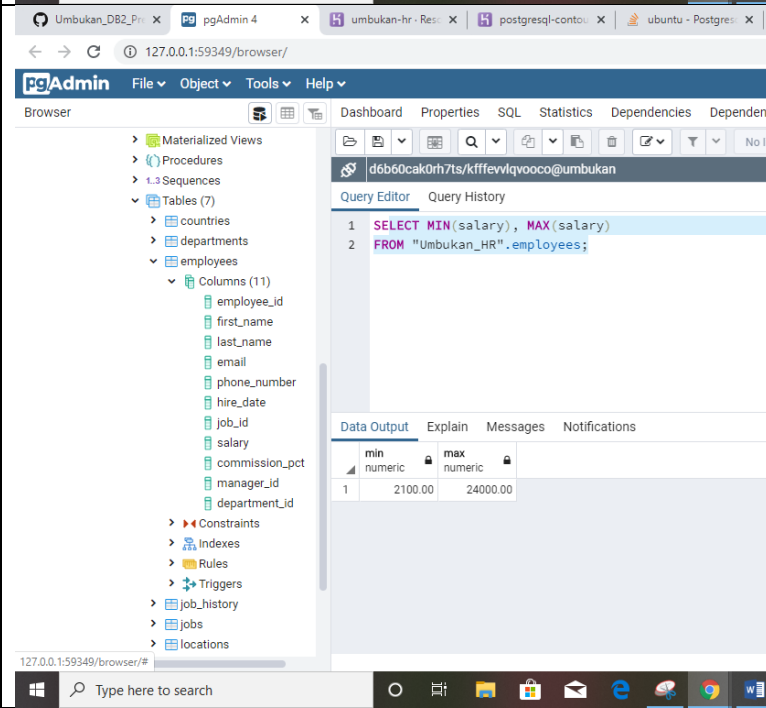
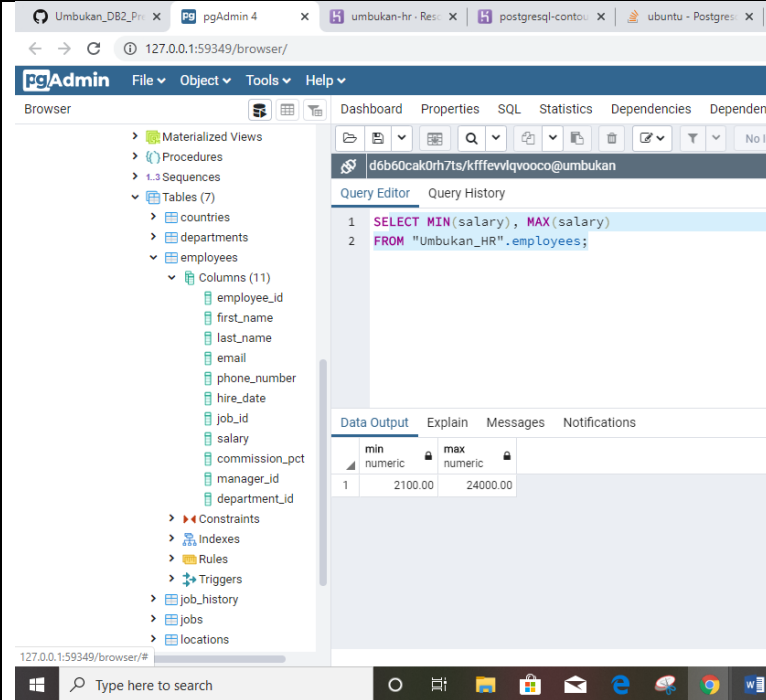
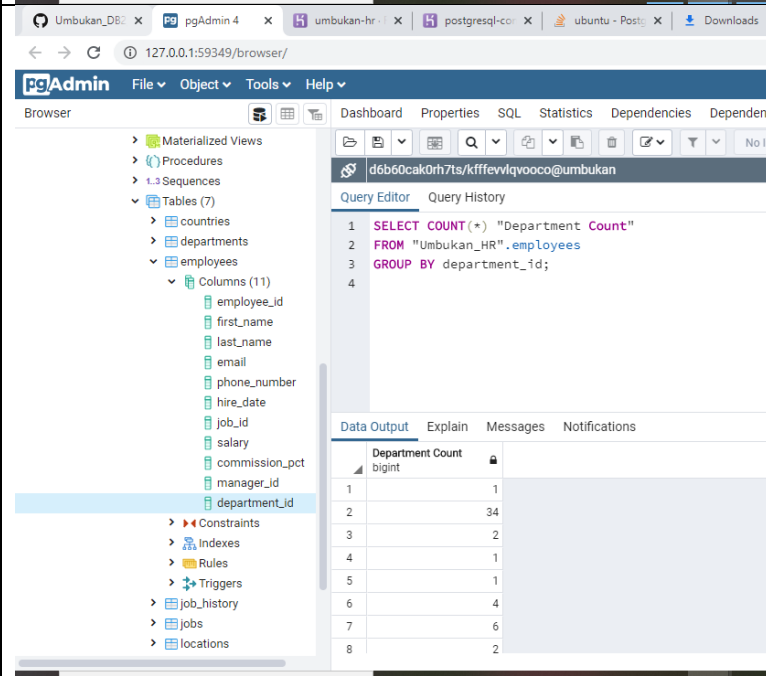
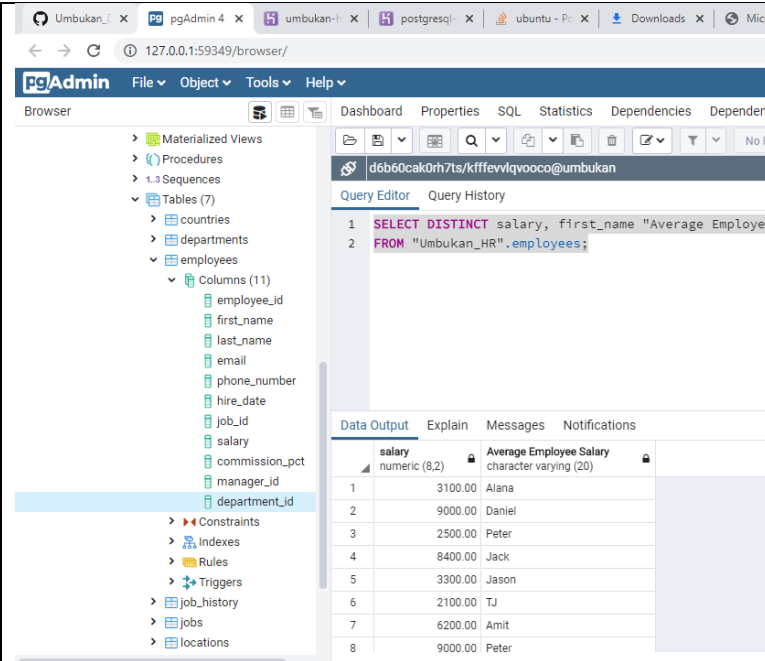


FUNCTION	USE CASE	SQL Script	Screenshot				
COUNT	Finding out how many employees recorded in a table.	SELECT COUNT(*) FROM "Umbukan_HR". employees;	 <p>The screenshot shows the pgAdmin 4 interface. The left pane displays the database structure for 'Umbukan_HR', including tables like 'employees'. The right pane shows the 'Query Editor' with the SQL script: <code>1 SELECT COUNT(*)</code> <code>2 FROM 'Umbukan_HR'.employees;</code> The 'Data Output' tab shows the result: <table><tr><th>count</th><th>bigint</th></tr><tr><td>1</td><td>108</td></tr></table></p>	count	bigint	1	108
count	bigint						
1	108						
SUM	Finding out the sum of the employees all in all.	SELECT SUM(salary) "Total Salary" FROM "Umbukan_HR". employees;	 <p>The screenshot shows the pgAdmin 4 interface. The left pane displays the database structure for 'Umbukan_HR', including tables like 'employees'. The right pane shows the 'Query Editor' with the SQL script: <code>1 SELECT SUM(salary) 'Total Salary'</code> <code>2 FROM 'Umbukan_HR'.employees;</code> The 'Data Output' tab shows the result: <table><tr><th>Total Salary</th><th>numeric</th></tr><tr><td>1</td><td>706400.00</td></tr></table></p>	Total Salary	numeric	1	706400.00
Total Salary	numeric						
1	706400.00						

AVERAGE	Finding out the average salary from all employees	SELECT AVG(salary) "Average Employee Salary" FROM "Umbukan_HR". employees;	 <p>The screenshot shows the pgAdmin 4 interface. The left pane displays the database structure, including tables like countries, departments, and employees. The right pane shows the Query Editor with the following SQL query:</p> <pre>1 SELECT AVG(salary) "Average Employee Salary" 2 FROM "Umbukan_HR".employees;</pre> <p>The Data Output tab shows the result:</p> <table><tr><th>Average Employee Salary</th></tr><tr><td>6540.7407407407407</td></tr></table>	Average Employee Salary	6540.7407407407407		
Average Employee Salary							
6540.7407407407407							
MIN	Finding out the minimum salary for all employees	SELECT MIN(salary), MAX(salary) FROM "Umbukan_HR". employees;	 <p>The screenshot shows the pgAdmin 4 interface. The left pane displays the database structure. The right pane shows the Query Editor with the following SQL query:</p> <pre>1 SELECT MIN(salary), MAX(salary) 2 FROM "Umbukan_HR".employees;</pre> <p>The Data Output tab shows the result:</p> <table><tr><th>min</th><th>max</th></tr><tr><td>2100.00</td><td>24000.00</td></tr></table>	min	max	2100.00	24000.00
min	max						
2100.00	24000.00						

MAX	Finding out the maximum salary for all employees	SELECT MIN(salary), MAX(salary) FROM "Umbukan_HR". employees;	 <p>The screenshot shows the pgAdmin 4 interface. The left pane displays the database structure, including tables like countries, departments, employees, and jobs. The right pane shows the Query Editor with the following SQL query:</p> <pre>1 SELECT MIN(salary), MAX(salary) 2 FROM "Umbukan_HR".employees;</pre> <p>The Data Output tab shows the results of the query:</p> <table><tr><th></th><th>min</th><th>max</th></tr><tr><th></th><th>numeric</th><th>numeric</th></tr><tr><td>1</td><td>2100.00</td><td>24000.00</td></tr></table>		min	max		numeric	numeric	1	2100.00	24000.00											
	min	max																					
	numeric	numeric																					
1	2100.00	24000.00																					
GROUP BY	Finding out how many employees work on that same department.	SELECT COUNT(*) "Department Count" FROM "Umbukan_HR". employees GROUP BY department_id;	 <p>The screenshot shows the pgAdmin 4 interface. The left pane displays the database structure, including tables like countries, departments, employees, and jobs. The right pane shows the Query Editor with the following SQL query:</p> <pre>1 SELECT COUNT(*) "Department Count" 2 FROM "Umbukan_HR".employees 3 GROUP BY department_id;</pre> <p>The Data Output tab shows the results of the query:</p> <table><tr><th></th><th>Department Count</th></tr><tr><th></th><th>bigint</th></tr><tr><td>1</td><td>1</td></tr><tr><td>2</td><td>34</td></tr><tr><td>3</td><td>2</td></tr><tr><td>4</td><td>1</td></tr><tr><td>5</td><td>1</td></tr><tr><td>6</td><td>4</td></tr><tr><td>7</td><td>6</td></tr><tr><td>8</td><td>2</td></tr></table>		Department Count		bigint	1	1	2	34	3	2	4	1	5	1	6	4	7	6	8	2
	Department Count																						
	bigint																						
1	1																						
2	34																						
3	2																						
4	1																						
5	1																						
6	4																						
7	6																						
8	2																						

DISTINCT	Finding out which employees have distinct salaries.	SELECT DISTINCT salary, first_name "Average Employee Salary" FROM "Umbukan_HR". employees;	 <p>The screenshot shows the pgAdmin 4 web interface. On the left, the 'Browser' pane displays a tree view of the database schema, with the 'employees' table under the 'Umbukan_HR' schema selected. The 'Query Editor' pane on the right contains the following SQL query:</p> <pre>1 SELECT DISTINCT salary, first_name "Average Employee Salary" 2 FROM "Umbukan_HR".employees;</pre> <p>Below the query editor, the 'Data Output' tab is active, displaying the results of the query in a table:</p> <table> <tr> <th></th><th>salary numeric (8,2)</th><th>Average Employee Salary character varying (20)</th></tr> <tr><td>1</td><td>3100.00</td><td>Alana</td></tr> <tr><td>2</td><td>9000.00</td><td>Daniel</td></tr> <tr><td>3</td><td>2500.00</td><td>Peter</td></tr> <tr><td>4</td><td>8400.00</td><td>Jack</td></tr> <tr><td>5</td><td>3300.00</td><td>Jason</td></tr> <tr><td>6</td><td>2100.00</td><td>TJ</td></tr> <tr><td>7</td><td>6200.00</td><td>Amit</td></tr> <tr><td>8</td><td>9000.00</td><td>Peter</td></tr> </table>		salary numeric (8,2)	Average Employee Salary character varying (20)	1	3100.00	Alana	2	9000.00	Daniel	3	2500.00	Peter	4	8400.00	Jack	5	3300.00	Jason	6	2100.00	TJ	7	6200.00	Amit	8	9000.00	Peter
	salary numeric (8,2)	Average Employee Salary character varying (20)																												
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