

## SQL Queries

DBeaver 22.2.0 - <dlithe> Script

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SQL Commit Rollback Auto dlithe dbo@dlithe

Datab... x Proje... x \*<dlithe> Script x

Enter a part of object na

> dlithe - rewsolution.dat

```
DEPT_NAME VARCHAR(20),
DEPT_MANAGER VARCHAR(20)
);

INSERT INTO SHK_STUDENT VALUES(101,'SHRAVAN',1);
INSERT INTO SHK_STUDENT VALUES(102,'KUMAR',2,NULL);
INSERT INTO SHK_STUDENT VALUES(103,'SACHIN',2,NULL);
INSERT INTO SHK_STUDENT VALUES(104,'ABHI',2,NULL);
INSERT INTO SHK_STUDENT VALUES(105,'SOORI',3,NULL);
INSERT INTO SHK_STUDENT VALUES(106,'SUDEEP',3,NULL);

UPDATE SHK_STUDENT
SET EMAIL='ABC@GMAIL.COM';

SELECT * FROM SHK_STUDENT;

INSERT INTO SHK_DEPART VALUES(101,'ECE','SS');
INSERT INTO SHK_DEPART VALUES(102,'CS','SK');
--INSERT INTO SHK_DEPART VALUES(3,'IS','SO');
```

Results 1 x SQL Terminal

SELECT \* FROM SHK\_STUDENT

S_ID	S_NAME	DEPT_ID	EMAIL	
1	101	SHRAVAN	1	ABC@GMAIL.COM
2	102	KUMAR	2	ABC@GMAIL.COM
3	103	SACHIN	2	ABC@GMAIL.COM
4	104	ABHI	2	ABC@GMAIL.COM
5	105	SOORI	3	ABC@GMAIL.COM
6	106	SUDEEP	3	ABC@GMAIL.COM

Value x 101

IST en Writable Smart Insert 273 : 25 : 7702 Set: 0 | 0

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SQL Commit Rollback Auto dlithe dbo@dlithe

Datab... x Proje... x \*<dlithe> Script x

Enter a part of object na

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```
DEPT_NAME VARCHAR(20),
DEPT_MANAGER VARCHAR(20)
);

INSERT INTO SHK_STUDENT VALUES(101,'SHRAVAN',1);
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INSERT INTO SHK_STUDENT VALUES(104,'ABHI',2,NULL);
INSERT INTO SHK_STUDENT VALUES(105,'SOORI',3,NULL);
INSERT INTO SHK_STUDENT VALUES(106,'SUDEEP',3,NULL);

UPDATE SHK_STUDENT
SET EMAIL='ABC@GMAIL.COM';

SELECT * FROM SHK_STUDENT;

INSERT INTO SHK_DEPART VALUES(101,'ECE','SS');
INSERT INTO SHK_DEPART VALUES(102,'CS','SK');
--INSERT INTO SHK_DEPART VALUES(3,'IS','SO');

SELECT * FROM SHK_DEPART;
```

Results 1 x SQL Terminal

SELECT \* FROM SHK\_DEPART

DEPT_ID	DEPT_NAME	DEPT_MANAGER	
1	101	ECE	SS
2	102	CS	SK

Value x 101

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SQL Commit Rollback Auto dlithe dbo@dlithe

Datab... x Proje... x \*dlithe> Script x

Enter a part of object na

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```

);
INSERT INTO SHK_STUDENT VALUES(101,'SHRAVAN',1);
INSERT INTO SHK_STUDENT VALUES(102,'KUMAR',2,NULL);
INSERT INTO SHK_STUDENT VALUES(103,'SACHIN',2,NULL);
INSERT INTO SHK_STUDENT VALUES(104,'ABHI',2,NULL);
INSERT INTO SHK_STUDENT VALUES(105,'SOORI',3,NULL);
INSERT INTO SHK_STUDENT VALUES(106,'SUDEEP',3,NULL);

UPDATE SHK_STUDENT
SET EMAIL='ABC@GMAIL.COM';

SELECT * FROM SHK_STUDENT;

INSERT INTO SHK_DEPART VALUES(101,'ECE','SS');
INSERT INTO SHK_DEPART VALUES(102,'CS','SK');
--INSERT INTO SHK_DEPART VALUES(3,'IS','SO');

SELECT * FROM SHK_DEPART;

SELECT * FROM SHK_STUDENT WHERE S_ID>101;

```

Results 1 x SQL Terminal

SELECT \* FROM SHK\_STUDENT WHERE S\_ID>101 Enter a SQL expression to filter results (use Ctrl+Space)

S_ID	S_NAME	DEPT_ID	EMAIL
102	KUMAR	2	ABC@GMAIL.COM
103	SACHIN	2	ABC@GMAIL.COM
104	ABHI	2	ABC@GMAIL.COM
105	SOORI	3	ABC@GMAIL.COM
106	SUDEEP	3	ABC@GMAIL.COM

Value x 102

Save Cancel Script

IST en Writable Smart Insert 281 : 42 : 7922 Sel: 0 | 0

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SQL Commit Rollback Auto dlithe dbo@dlithe

Datab... x Proje... x \*dlithe> Script x

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```

--INSERT INTO SHK_DEPART VALUES(3,'IS','SO');

SELECT * FROM SHK_DEPART;

SELECT * FROM SHK_STUDENT WHERE S_ID>101;

ALTER TABLE SHK_STUDENT
ADD PACKG INT;

UPDATE SHK_STUDENT
SET PACKG=10000 WHERE S_ID=101;
UPDATE SHK_STUDENT
SET PACKG=20000 WHERE S_ID>101 AND S_ID<105;
UPDATE SHK_STUDENT
SET PACKG=30000 WHERE S_ID>104;

SELECT DEPT_ID,SUM(PACKG) FROM SHK_STUDENT
GROUP BY DEPT_ID
HAVING SUM(PACKG)>10000
ORDER BY DEPT_ID DESC;

```

Results 1 x SQL Terminal

SELECT DEPT\_ID,SUM(PACKG) FROM SHK\_STUDE Enter a SQL expression to filter results (use Ctrl+Space)

DEPT_ID	SUM(PACKG)
3	60,000
2	60,000

Value x 3

Save Cancel Script

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Datab... x Proje... x \*<dlithe> Script x

Enter a part of object na

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```

SELECT * FROM SHK_DEPART;

SELECT * FROM SHK_STUDENT WHERE S_ID>101;

ALTER TABLE SHK_STUDENT
ADD PACKG INT ;

UPDATE SHK_STUDENT
SET PACKG=10000 WHERE S_ID=101;
UPDATE SHK_STUDENT
SET PACKG=20000 WHERE S_ID>101 AND S_ID<105;
UPDATE SHK_STUDENT
SET PACKG=30000 WHERE S_ID>104;

SELECT DEPT_ID,SUM(PACKG) FROM SHK_STUDENT
GROUP BY DEPT_ID
HAVING SUM(PACKG)>10000
ORDER BY DEPT_ID DESC;

SELECT SUBSTRING(EMAIL,1,5),CONCAT(S_NAME,EMAIL)AS SS, LEN(S_NAME) AS LEN FROM SHK_STUDENT;

```

Results 1 x SQL Terminal

SELECT SUBSTRING(EMAIL,1,5),CONCAT(S\_NAME,EMAIL)AS SS, LEN(S\_NAME) AS LEN FROM SHK\_STUDENT;

Value x

ABC@G

SS	LEN
ABC@G SHRAVANABC@GMAILCOM	123
ABC@G KUMARABC@GMAILCOM	SS: varchar(40) (Read-only: No corresponding table column)
ABC@G SACHINABC@GMAILCOM	6
ABC@G ABHIABC@GMAILCOM	4
ABC@G SOORIABC@GMAILCOM	5
ABC@G SUDEEPABC@GMAILCOM	6

Save Cancel Script

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DBaver 22.2.0 - <dlithe> Script

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SQL Commit Rollback Auto dlithe dbo@dlithe

Datab... x Proje... x \*<dlithe> Script x

Enter a part of object na

> dlithe - rewasolution.dat

```

ADD PACKG INT ;

UPDATE SHK_STUDENT
SET PACKG=10000 WHERE S_ID=101;
UPDATE SHK_STUDENT
SET PACKG=20000 WHERE S_ID>101 AND S_ID<105;
UPDATE SHK_STUDENT
SET PACKG=30000 WHERE S_ID>104;

SELECT DEPT_ID,SUM(PACKG) FROM SHK_STUDENT
GROUP BY DEPT_ID
HAVING SUM(PACKG)>10000
ORDER BY DEPT_ID DESC;

SELECT SUBSTRING(EMAIL,1,5),CONCAT(S_NAME,EMAIL)AS SS, LEN(S_NAME) AS LEN FROM SHK_STUDENT;

SELECT * FROM SHK_STUDENT SH1
INNER JOIN SHK_DEPART SH2
ON SH1.S_ID=SH2.DEPT_ID;

```

Results 1 x SQL Terminal

SELECT \* FROM SHK\_STUDENT SH1 INNER JOIN SHK\_DEPART SH2 ON SH1.S\_ID=SH2.DEPT\_ID;

Value x

S_ID	S_NAME	EMAIL	PACKG	DEPT_ID	DEPT_NAME	DEPT_MANAGER
1	101	SHRAVAN	1	ABC@GMAILCOM	10,000	101 ECE
2	102	KUMAR	2	ABC@GMAILCOM	20,000	102 CS

Save Cancel Script

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Data... x Proj... x

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```

UPDATE SHK_STUDENT
SET PACKG=20000 WHERE S_ID>101 AND S_ID<105;
UPDATE SHK_STUDENT
SET PACKG=30000 WHERE S_ID>104;

SELECT DEPT_ID,SUM(PACKG) FROM SHK_STUDENT
GROUP BY DEPT_ID
HAVING SUM(PACKG)>10000
ORDER BY DEPT_ID DESC;

SELECT SUBSTRING(EMAIL,1,5),CONCAT(S_NAME,EMAIL)AS SS, LEN(S_NAME) AS LEN FROM SHK_STUDENT;

SELECT * FROM SHK_STUDENT SH1
INNER JOIN SHK_DEPART SH2
ON SH1.S_ID=SH2.DEPT_ID;

SELECT * FROM SHK_STUDENT SH1
LEFT JOIN SHK_DEPART SH2
ON SH1.S_ID=SH2.DEPT_ID;

```

Results 1 x SQL Terminal

SELECT \* FROM SHK\_STUDENT SH1 LEFT JOIN SH2 ON SH1.S\_ID=SH2.DEPT\_ID; Enter a SQL expression to filter results (use Ctrl+Space)

S_ID	S_NAME	DEPT_ID	EMAIL	PACKG	DEPT_ID	DEPT_NAME	DEPT_MANAGER	
1	101	SHRAVAN	1	ABC@GMAIL.COM	10,000	101	ECE	SS
2	102	KUMAR	2	ABC@GMAIL.COM	20,000	102	CS	SK
3	103	SACHIN	2	ABC@GMAIL.COM	20,000	[NULL]	[NULL]	[NULL]
4	104	ABHI	2	ABC@GMAIL.COM	20,000	[NULL]	[NULL]	[NULL]
5	105	SOORI	3	ABC@GMAIL.COM	30,000	[NULL]	[NULL]	[NULL]
6	106	SUDEEP	3	ABC@GMAIL.COM	30,000	[NULL]	[NULL]	[NULL]

Save Cancel Script

IST en Writable Smart Insert 304 : 1 [81] Sel: 81 | 3

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```

SELECT DEPT_ID,SUM(PACKG) FROM SHK_STUDENT
GROUP BY DEPT_ID
HAVING SUM(PACKG)>10000
ORDER BY DEPT_ID DESC;

SELECT SUBSTRING(EMAIL,1,5),CONCAT(S_NAME,EMAIL)AS SS, LEN(S_NAME) AS LEN FROM SHK_STUDENT;

SELECT * FROM SHK_STUDENT SH1
INNER JOIN SHK_DEPART SH2
ON SH1.S_ID=SH2.DEPT_ID;

SELECT * FROM SHK_STUDENT SH1
LEFT JOIN SHK_DEPART SH2
ON SH1.S_ID=SH2.DEPT_ID;

SELECT * FROM SHK_STUDENT SH1
RIGHT JOIN SHK_DEPART SH2
ON SH1.S_ID=SH2.DEPT_ID;

```

Results 1 x SQL Terminal

SELECT \* FROM SHK\_STUDENT SH1 RIGHT JOIN SH2 ON SH1.S\_ID=SH2.DEPT\_ID; Enter a SQL expression to filter results (use Ctrl+Space)

S_ID	S_NAME	DEPT_ID	EMAIL	PACKG	DEPT_ID	DEPT_NAME	DEPT_MANAGER	
1	101	SHRAVAN	1	ABC@GMAIL.COM	10,000	101	ECE	SS
2	102	KUMAR	2	ABC@GMAIL.COM	20,000	102	CS	SK

Save Cancel Script

IST en Writable Smart Insert 308 : 1 [82] Sel: 82 | 3

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```

SELECT SUBSTRING(EMAIL,1,5),CONCAT(S_NAME,EMAIL)AS SS, LEN(S_NAME) AS LEN FROM SHK_STUDENT;

SELECT * FROM SHK_STUDENT SH1
INNER JOIN SHK_DEPART SH2
ON SH1.S_ID=SH2.DEPT_ID;

SELECT * FROM SHK_STUDENT SH1
LEFT JOIN SHK_DEPART SH2
ON SH1.S_ID=SH2.DEPT_ID;

SELECT * FROM SHK_STUDENT SH1
RIGHT JOIN SHK_DEPART SH2
ON SH1.S_ID=SH2.DEPT_ID;

SELECT * FROM SHK_STUDENT SH1
FULL OUTER JOIN SHK_DEPART SH2
ON SH1.S_ID=SH2.DEPT_ID;

```

Results 1 x SQL Terminal

SELECT \* FROM SHK\_STUDENT SH1 FULL OUTER JOIN SHK\_DEPART SH2 ON SH1.S\_ID=SH2.DEPT\_ID

S_ID	S_NAME	DEPT_ID	EMAIL	PACKG	DEPT_ID	DEPT_NAME	DEPT_MANAGER
101	SHRAVAN	1	ABC@GMAIL.COM	10,000	101	ECE	SS
102	KUMAR	2	ABC@GMAIL.COM	20,000	102	CS	SK
103	SACHIN	2	ABC@GMAIL.COM	20,000	[NULL]	[NULL]	[NULL]
104	ABHI	2	ABC@GMAIL.COM	20,000	[NULL]	[NULL]	[NULL]
105	SOORI	3	ABC@GMAIL.COM	30,000	[NULL]	[NULL]	[NULL]
106	SUDEEP	3	ABC@GMAIL.COM	30,000	[NULL]	[NULL]	[NULL]

Save Cancel Script

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SQL Commit Rollback Auto dlithe dbo@dlithe

Datab... x Proje... x \*dlithe> Script x

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```

SELECT * FROM SHK_STUDENT SH1
FULL OUTER JOIN SHK_DEPART SH2
ON SH1.S_ID=SH2.DEPT_ID;

SELECT * FROM (
SELECT DENSE_RANK () OVER (PARTITION BY DEPARTMENT_ID ORDER BY HIRE_DATE ASC) AS DRNK,SALARY,DEPARTMENT_ID,HIRE_DATE
FROM DBO.S_HREMPLOYEES sh
--WHERE DEPARTMENT_ID=90
)X
WHERE DRNK=3

SELECT * FROM (
SELECT DENSE_RANK() OVER (PARTITION BY DEPT_ID ORDER BY S_ID ASC)AS DRNK, S_ID,S_NAME,DEPT_ID FROM SHK_STUDENT
)X

```

Results 1 x SQL Terminal

SELECT \* FROM ( SELECT DENSE\_RANK() OVER (PARTITION BY DEPT\_ID ORDER BY S\_ID ASC)AS DRNK, S\_ID,S\_NAME,DEPT\_ID FROM SHK\_STUDENT )X

DRNK	S_ID	S_NAME	DEPT_ID
1	101	SHRAVAN	1
2	102	KUMAR	2
3	103	SACHIN	2
4	104	ABHI	2
5	105	SOORI	3
6	106	SUDEEP	3

Save Cancel Script

IST en Writable Smart Insert 324 : 77 : 9006 Sel: 0 | 0

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SQL Commit Rollback Auto dlithe dbo@dlithe

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```
SELECT * FROM SHK_STUDENT SH1
FULL OUTER JOIN SHK_DEPART SH2
ON SH1.S_ID=SH2.DEPT_ID;

SELECT * FROM (
SELECT DENSE_RANK () OVER (PARTITION BY DEPARTMENT_ID ORDER BY HIRE_DATE ASC) AS DRNK,SALARY,DEPARTMENT_ID,HIRE_DATE
FROM DBO.S_HREMPLOYEES sh
--WHERE DEPARTMENT_ID=90
)X
WHERE DRNK=3

SELECT * FROM (
SELECT RANK() OVER (PARTITION BY DEPT_ID ORDER BY S_ID ASC)AS DRNK, S_ID,S_NAME,DEPT_ID FROM SHK_STUDENT
)X
```

Results 1 x SQL Terminal

SELECT \* FROM (SELECT RANK() OVER (PARTITION BY DEPT\_ID ORDER BY S\_ID ASC)AS DRNK, S\_ID,S\_NAME,DEPT\_ID FROM SHK\_STUDENT)

	DRNK	S_ID	S_NAME	DEPT_ID
1	1	101	SHRAVAN	1
2	1	102	KUMAR	2
3	2	103	SACHIN	2
4	3	104	ABHI	2
5	1	105	SOORI	3
6		106	SUDEEP	3

Value x

1

Save Cancel Script 200 6 Rows: 1 6 row(s) fetched - 207ms, on 2022-09-09 at 00:06:04

IST en Writable Smart Insert 325 : 3 : 9038 Set: 0 | 0

70°F Mostly cloudy 12:06 AM 9/9/2022