

```
1 SELECT
2     COUNT(DISTINCT TransactionNo) AS order_volume
3 FROM
4     online_sales_table;
5 |
```

	order_volume
1	23204

```

1  SELECT
2  CASE
3      WHEN INSTR(Date, '/') = 2 THEN SUBSTR(Date, 1, 1)
4      ELSE SUBSTR(Date, 1, 2)
5  END AS month
6  FROM
7      online_sales_table;
8

```

	month
1	12
2	12
3	12
4	12
5	12
6	12
7	12
8	12
9	12
10	12
11	12

Execution finished without errors.  
 Result: 536350 rows returned in 106ms

At line 1:

```

SELECT
    CASE
        WHEN INSTR(Date, '/') = 2 THEN SUBSTR(Date, 1, 1)
        ELSE SUBSTR(Date, 1, 2)
    END AS month
FROM
    online_sales_table;

```

1    SELECT \* FROM online\_sales\_table;

	field1	field2	field3	field4	field5	field6	field7	field8
1	TransactionNo	Date	ProductNo	ProductName	Price	Quantity	CustomerNo	Country
2	581482	12/9/2019	22485	Set Of 2 Wooden Market Crates	21.47	12	17490	United Kingdom
3	581475	12/9/2019	22596	Christmas Star Wish List Chalkboard	10.65	36	13069	United Kingdom
4	581475	12/9/2019	23235	Storage Tin Vintage Leaf	11.53	12	13069	United Kingdom
5	581475	12/9/2019	23272	Tree T-Light Holder Willie Winkie	10.65	12	13069	United Kingdom
6	581475	12/9/2019	23239	Set Of 4 Knick Knack Tins Poppies	11.94	6	13069	United Kingdom
7	581475	12/9/2019	21705	Bag 500g Swirly Marbles	10.65	24	13069	United Kingdom
8	581475	12/9/2019	22118	Joy Wooden Block Letters	11.53	18	13069	United Kingdom
9	581475	12/9/2019	22119	Peace Wooden Block Letters	12.25	12	13069	United Kingdom
10	581475	12/9/2019	22217	T-Light Holder Hanging Lace	10.65	12	13069	United Kingdom
11	581475	12/9/2019	22216	T-Light Holder White Lace	10.55	24	13069	United Kingdom
12	581475	12/9/2019	22380	Toy Tidy Spaceboy	11.06	20	13069	United Kingdom
13	581475	12/9/2019	22442	Grow Your Own Flowers Set Of 3	12.25	12	13069	United Kingdom
14	581475	12/9/2019	22664	Toy Tidy Dolly Girl Design	11.06	20	13069	United Kingdom
15	581475	12/9/2019	22721	Set Of 3 Cake Tins Sketchbook	12.25	12	13069	United Kingdom
16	581475	12/9/2019	22723	Set Of 6 Herb Tins Sketchbook	11.53	12	13069	United Kingdom
17	581475	12/9/2019	22785	Squarecushion Cover Pink Union Jack	11.53	12	13069	United Kingdom
18	581475	12/9/2019	22955	36 Foil Star Cake Cases	11.06	24	13069	United Kingdom

Execution finished without errors.  
Result: 536351 rows returned in 305ms  
At line 1:  
SELECT \* FROM online\_sales\_table;

```

1  SELECT
2      SUBSTR(Date, -4) AS year,
3      CASE
4          WHEN INSTR(Date, '/') = 2 THEN SUBSTR(Date, 1, 1)
5          ELSE SUBSTR(Date, 1, 2)
6      END AS month,
7      COUNT(*) AS num_transactions
8  FROM
9      online_sales_table
10 GROUP BY
11     year, month;
12

```

	year	month	num_transactions
1	2018	12	42094
2	2019	1	34808
3	2019	10	60145
4	2019	11	84047
5	2019	12	25361
6	2019	2	27409
7	2019	3	36259
8	2019	4	29466
9	2019	5	36578
10	2019	6	36440
11	2019	7	39041
12	2019	8	34935
13	2019	9	49767

```
1 SELECT
2     SUM(CAST(Price AS REAL) * CAST(Quantity AS INTEGER)) AS total_revenue
3 FROM
4     online_sales_table;
5 |
```

	total_revenue
1	60280024.26

```
1 SELECT
2 *
3 FROM
4   online_sales_table
5 ORDER BY
6   Date ASC;
7
```

	TransactionNo	Date	ProductNo	ProductName	Price	Quantity	CustomerNo	Country
1	540647	1/10/2019	22655	Vintage Re...	660.62	1	17406	United Kingdom
2	C540652	1/10/2019	22655	Vintage Re...	660.62	-1	17406	United Kingdom
3	540653	1/10/2019	22655	Vintage Re...	660.62	2	17406	United Kingdom
4	540681	1/10/2019	84078A	Set/4 Whit...	88.71	1	15681	United Kingdom
5	540630	1/10/2019	21686	Medina ...	51.20	2	17849	United Kingdom
6	540551	1/10/2019	22503	Cabin Bag ...	36.38	1	14551	United Kingdom
7	540551	1/10/2019	22504	Cabin Bag ...	36.38	2	14551	United Kingdom
8	540551	1/10/2019	21784	Shoe Shine...	32.01	1	14551	United Kingdom
9	540551	1/10/2019	22767	Triple ...	31.14	1	14551	United Kingdom
10	540646	1/10/2019	22788	Brocante ...	31.14	1	17646	United Kingdom
11	540681	1/10/2019	22890	Novelty ...	31.14	2	15681	United Kingdom
12	540687	1/10/2019	22783	Set 3 ...	30.70	1	15867	United Kingdom
13	540550	1/10/2019	22962	Jam Jar ...	11.12	12	12539	Spain
14	540550	1/10/2019	22961	Jam Making...	11.74	12	12539	Spain
15	540550	1/10/2019	22960	Jam Making...	14.61	6	12539	Spain
16	540550	1/10/2019	22430	Enamel ...	15.32	4	12539	Spain

Execution finished without errors.  
Result: 536350 rows returned in 1245ms  
At line 1:  
SELECT  
\*



```

1  SELECT
2      *
3  FROM
4      online_sales_table
5  WHERE
6      SUBSTR(Date, -4) = '2019'
7  AND (
8      (INSTR(Date, '/') = 2 AND SUBSTR(Date, 1, 1) = '12') OR
9      (INSTR(Date, '/') = 3 AND SUBSTR(Date, 1, 2) = '12')
10 );
11

```

	TransactionNo	Date	ProductNo	ProductName	Price	Quantity	CustomerNo	Country
1	581482	12/9/2019	22485	Set Of 2 Wooden Market Crates	21.47	12	17490	United Kingdom
2	581475	12/9/2019	22596	Christmas Star Wish List Chalkboard	10.65	36	13069	United Kingdom
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12	581475	12/9/2019	22442	Grow Your Own Flowers Set Of 3	12.25	12	13069	United Kingdom
13	581475	12/9/2019	22664	Toy Tidy Dolly Girl Design	11.06	20	13069	United Kingdom
14	581475	12/9/2019	22721	Set Of 3 Cake Tins Sketchbook	12.25	12	13069	United Kingdom

```

Execution finished without errors.
Result: 25361 rows returned in 482ms
At line 1:
SELECT
    *

```