

Customers [-]

- customer_id [int]
- first_name [varchar(100)]
- last_name [varchar(100)]
- age [int]
- country [varchar(100)]

Orders [-]

- order_id [integer]
- item [varchar(100)]
- amount [integer]
- customer_id [integer]

Shipings [-]

- shipping_id [integer]
- status [integer]
- customer [integer]

Input

```
-- Online SQL Editor to Run SQL Online.  
-- Use the editor to create new tables, insert data and all other SQL operations.  
Select Customers. customer_id,first_name,item,amount from Customers JOIN Orders ON  
Orders. order_id= Customers. customer_id;
```

Right outer join

Output

customer_id	first_name	item	amount
1	John	Keyboard	400
2	Robert	Mouse	300
3	David	Monitor	12000
4	John	Keyboard	400

Available Tables

Customers

customer_id	first_name	last_name	age	cc
1	John	Doe	31	UI
2	Robert	Luna	22	UI
3	David	Robinson	22	UI
4	John	Reinhardt	25	UI
5	Betty	Doe	28	U

Orders

order_id	item	amount	customer_id
1	Keyboard	400	4
2	Mouse	300	4
3	Monitor	12000	3
4	Keyboard	400	1
5	Mousepad	250	2

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Input

Run SQL

Available Tables

```
-- Online SQL Editor to Run SQL Online.
-- Use the editor to create new tables, insert data and all other SQL operations.
Select* from class ;
```

Output

stud_id	roll_no	stud_name	marks
100	10	Priti	90
101	11	Megha	93
102	12	Prerana	80
104	13	Neha	75

Class

stud_id	roll_no	stud_name	marks
100	10	Priti	90
101	11	Megha	93
102	12	Prerana	80
104	13	Neha	75

Class2

stud_id	stud_name	marks
100	Priti	90
101	Megha	93
102	Prerana	80
104	Neha	70
105	Mayuri	85

Customers

Customers [-]

- customer_id [int]
- first_name [varchar(100)]
- last_name [varchar(100)]
- age [int]
- country [varchar(100)]
- item [integer[]]

Orders [-]

- order_id [integer]
- item [varchar(100)]
- amount [integer]
- customer_id [integer]

Shipplings [-]

- shipping_id [integer]
- status [integer]
- customer [integer]

Input

```
-- Online SQL Editor to Run SQL Online.  
-- Use the editor to create new tables, insert data and all other SQL operations.  
ALTER TABLE Shipplings DROP customer_name;
```

Run SQL

Available Tables

Orders

order_id	item	amount	customer_id
1	Keyboard	400	4
2	Mouse	300	4
3	Monitor	12000	3
4	Keyboard	400	1
5	Mousepad	250	2

Shipplings

shipping_id	status	customer
1	Pending	2
2	Pending	4
3	Delivered	3
4	Pending	5
5	Delivered	1

SQL query successfully executed. However, the result set is empty.

Customers [-]

customer_id [int]
first_name
[varchar(100)]
last_name [varchar(100)]
age [int]
country [varchar(100)]

Orders [-]

order_id [integer]
item [varchar(100)]
amount [integer]
customer_id [integer]

Shippings [-]

shipping_id [integer]
status [integer]
customer [integer]

Input

```
-- Online SQL Editor to Run SQL Online.  
-- Use the editor to create new tables, insert data and all other SQL operations.  
Select customer_id,item from Orders group by customer_id ;
```

Run SQL

Available Tables

3	David	Robinson	22	UI
4	John	Reinhardt	25	UI
5	Betty	Doe	28	UI

Orders

order_id	item	amount	customer_id
1	Keyboard	400	4
2	Mouse	300	4
3	Monitor	12000	3
4	Keyboard	400	1
5	Mousepad	250	2

Output

customer_id	item
1	Keyboard
2	Mousepad
3	Monitor
4	Keyboard

Shippings

shipping_id	status	customer
1	Pending	2

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Input

-- Online SQL Editor to Run SQL Online.
-- Use the editor to create new tables, insert data and all other SQL operations.
insert into class values
(1, 'priti', 89),
(2, 'prerana', 90);

Run SQL

Available Tables

sequence1

Output

SQL query successfully executed. However, the result set is empty.

Class

stud_id	stud_name	stud_mark
1	priti	89
2	prerana	90

Customers

customer_id	first_name	last_name	age	cc
1	John	Doe	31	US
2	Robert	Luna	22	US
3	David	Robinson	22	US
4	John	Reinhardt	25	US
5	Betty	Doe	28	US

Orders

order_id	item	amount	customer_id
----------	------	--------	-------------

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Input

```
-- Online SQL Editor to Run SQL Online.
-- Use the editor to create new tables, insert data and all other SQL operations.
Create table class2 (stud_id[],stud_name[],marks[]);
insert into class2 select stud_id,stud_name,marks from class ;
```

Run SQL

Available Tables

Output

SQL query successfully executed. However, the result set is empty.

Class

stud_id	roll_no	stud_name	marks
100	10	Priti	90
101	11	Megha	93
102	12	Prerana	80
104	13	Neha	70
105	14	Mayuri	85

Class2

stud_id	stud_name	marks
100	Priti	90
101	Megha	93
102	Prerana	80
104	Neha	70
105	Mayuri	85



Online SQL Editor

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Programiz
Online SQL Editor

Online SQL Editor to Run SQL Online.
Use the editor to create new tables, insert data and all other SQL operations.
Select* from Class2 ;

Input

Run SQL

Available Tables

Output

stud_id	stud_name	marks
100	Priti	90
101	Megha	93
102	Prerana	80
104	Neha	70

Class

stud_id	roll_no	stud_name	marks
100	10	Priti	90
101	11	Megha	93
102	12	Prerana	80
104	13	Neha	75

Class2

stud_id	stud_name	marks
100	Priti	90
101	Megha	93
102	Prerana	80
104	Neha	70
105	Mayuri	85

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Input

```
-- Online SQL Editor to Run SQL Online.  
-- Use the editor to create new tables, insert data and all other SQL operations.  
SELECT *from Class order by marks desc;
```



Run SQL



Available Tables

Class2

stud_id	stud_name	marks
100	Priti	90
101	Megha	93
102	Prerana	80
104	Neha	70
105	Mayuri	85

Customers

customer_id	first_name	last_name	age	cc
1	John	Doe	31	US
2	Robert	Luna	22	US
3	David	Robinson	22	US
4	John	Reinhardt	25	US
5	Betty	Doe	28	US

Output

stud_id	roll_no	stud_name	marks
101	11	Megha	93
100	10	Priti	90
105	14	Mayuri	85
102	12	Prerana	80
104	13	Neha	70

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Input

```
-- Online SQL Editor to Run SQL Online.
-- Use the editor to create new tables, insert data and all other SQL operations.
UPDATE Class set marks=75 where stud_id=104;
```

Run SQL

Available Tables

Class

stud_id	roll_no	stud_name	marks
100	10	Priti	90
101	11	Megha	93
102	12	Prerana	80
104	13	Neha	75
105	14	Mayuri	85

Class2

stud_id	stud_name	marks
100	Priti	90
101	Megha	93
102	Prerana	80
104	Neha	70
105	Mayuri	85

Output

SQL query successfully executed. However, the result set is empty.



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Input

```
-- Online SQL Editor to Run SQL Online.
-- Use the editor to create new tables, insert data and all other SQL operations
DROP TABLE Class ;
```

Run SQL

Available Tables

Customers

customer_id	first_name	last_name	age	cou
1	John	Doe	31	USA
2	Robert	Luna	22	USA
3	David	Robinson	22	UK
4	John	Reinhardt	25	UK
5	Betty	Doe	28	UAE

Class2

stud_id	stud_name	marks
100	Priti	90
101	Megha	93
102	Prerana	80
104	Neha	70
105	Mayuri	85

Output

SQL query successfully executed. However, the result set is empty.



Customers [-]

- customer_id [int]
- first_name [varchar(100)]
- last_name [varchar(100)]
- age [int]
- country [varchar(100)]
- item [integer[]]

Orders [-]

- order_id [integer]
- item [varchar(100)]
- amount [integer]
- customer_id [integer]

Shipplings [-]

- shipping_id [integer]
- status [integer]
- customer [integer]
- customer_name [varchar[]]

Input

```
-- Online SQL Editor to Run SQL Online.  
-- Use the editor to create new tables, insert data and all other SQL operations.  
ALTER TABLE Shipplings ADD customer_name varchar[];
```

Run SQL

Available Tables

Orders

order_id	item	amount	customer_id
1	Keyboard	400	4
2	Mouse	300	4
3	Monitor	12000	3
4	Keyboard	400	1
5	Mousepad	250	2

Output

SQL query successfully executed. However, the result set is empty.

Shipplings

shipping_id	status	customer	customer_name
1	Pending	2	
2	Pending	4	
3	Delivered	3	
4	Pending	5	
5	Delivered	1	

Customers [-]

- customer_id [int]
- first_name [varchar(100)]
- last_name [varchar(100)]
- age [int]
- country [varchar(100)]

Orders [-]

- order_id [integer]
- item [varchar(100)]
- amount [integer]
- customer_id [integer]

Shipings [-]

- shipping_id [integer]
- status [integer]
- customer [integer]

Input

```
-- Online SQL Editor to Run SQL Online.  
-- Use the editor to create new tables, insert data and all other SQL operations.  
Select Customers. customer_id,first_name,item,amount from Customers LEFT OUTER JOIN  
Orders ON Orders. order_id= Customers. customer_id;
```

Run SQL

Available Tables

Customers

customer_id	first_name	last_name	age	cc
1	John	Doe	31	US
2	Robert	Luna	22	US
3	David	Robinson	22	US
4	John	Reinhardt	25	US
5	Betty	Doe	28	US

Orders

order_id	item	amount	customer_id
1	Keyboard	400	4
2	Mouse	300	4
3	Monitor	12000	3
4	Keyboard	400	1
5	Mousepad	250	2

Output

customer_id	first_name	item	amount
1	John	Keyboard	400
2	Robert	Mouse	300
3	David	Monitor	12000
4	John	Keyboard	400

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Input

```
-- Online SQL Editor to Run SQL Online.
-- Use the editor to create new tables, insert data and all other SQL operations.
Delete from Class where stud_id=105;
```

Run SQL

Available Tables

Class			
stud_id	roll_no	stud_name	marks
100	10	Priti	90
101	11	Megha	93
102	12	Prerana	80
104	13	Neha	75

Class2			
stud_id	stud_name	marks	
100	Priti	90	
101	Megha	93	
102	Prerana	80	
104	Neha	70	
105	Mayuri	85	

Output

SQL query successfully executed. However, the result set is empty.

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Input

Run SQL

Available Tables

```
-- Online SQL Editor to Run SQL Online.  
-- Use the editor to create new tables, insert data and all other SQL operations.
```

Insert into Student values

```
('100','10','Priti','90','16-03-03'),  
( '101','11','Prachi','90','16-03-03'),  
( '102','12','Mona','90','16-03-03'),  
( '103','13','Mayuri','90','16-03-03');
```

Output

SQL query successfully executed. However, the result set is empty.

3	Monitor	12000	3
4	Keyboard	400	1
5	Mousepad	250	2

Shippings

shipping_id	status	customer
1	Pending	2
2	Pending	4
3	Delivered	3
4	Pending	5
5	Delivered	1

Student

stud_id	roll_no	stud_name	marks	stud_do
100	10	Priti	90	16-03-03
100	10	Priti	90	16-03-03

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Interactive SQL Course

Input

```
-- Online SQL Editor to Run SQL Online.  
-- Use the editor to create new tables, insert data and all other SQL operations.  
CREATE table class ( stud_id[],roll_no[],stud_name[],marks[]);
```

Run SQL

Available Tables

Class

stud_id	roll_no	stud_name	marks
empty			

Customers

customer_id	first_name	last_name	age	cc
1	John	Doe	31	US
2	Robert	Luna	22	US
3	David	Robinson	22	UI
4	John	Reinhardt	25	UI
5	Betty	Doe	28	U,

Output

SQL query successfully executed. However, the result set is empty.

Orders

order_id	item	amount	customer_id
1	Keyboard	400	4

A >

A >

A >

A >

A >

A >

Customers [-]

- customer_id [int]
- first_name [varchar(100)]
- last_name [varchar(100)]
- age [int]
- country [varchar(100)]

Orders [-]

- order_id [integer]
- item [varchar(100)]
- amount [integer]
- customer_id [integer]

Shippings [-]

- shipping_id [integer]
- status [integer]
- customer [integer]

Input

```
-- Online SQL Editor to Run SQL Online.  
-- Use the editor to create new tables, insert data and all other SQL operations.  
Select Customers. customer_id,first_name,item from Customers INNER JOIN Orders on  
Customers.  
customer_id=Orders. order_id;
```



Run SQL



Available Tables

Customers

customer_id	first_name	last_name	age	cc
1	John	Doe	31	US
2	Robert	Luna	22	US
3	David	Robinson	22	US
4	John	Reinhardt	25	US
5	Betty	Doe	28	US

Output

customer_id	first_name	item
1	John	Keyboard
2	Robert	Mouse
3	David	Monitor
4	John	Keyboard

Orders

order_id	item	amount	customer_id
1	Keyboard	400	4
2	Mouse	300	4
3	Monitor	12000	3
4	Keyboard	400	1
5	Mousepad	250	2

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Input

-- Online SQL Editor to Run SQL Online.
-- Use the editor to create new tables, insert data and all other SQL operations.
SELECT* from class ;

Run SQL

Available Tables

Class

stud_id	roll_no	stud_name	marks
100	10	Priti	90
101	11	Megha	93
102	12	Prerana	80
104	13	Neha	70
105	14	Mayuri	85

Class2

stud_id	stud_name	marks
100	Priti	90
101	Megha	93
102	Prerana	80
104	Neha	70
105	Mayuri	85

Output

stud_id	roll_no	stud_name	marks
100	10	Priti	90
101	11	Megha	93
102	12	Prerana	80
104	13	Neha	70



Input

```
-- Online SQL Editor to Run SQL Online.
-- Use the editor to create new tables, insert data and all other SQL operations.
Select Class. stud_id, roll_no from Class LEFT OUTER JOIN class2 on Class. stud_id= class2. stud_id ;
```



Run SQL

Available Tables

Class			
stud_id	roll_no	stud_name	marks
100	10	Priti	90
101	11	Megha	93
102	12	Prerana	80
104	13	Neha	75

Class2			
stud_id	stud_name	marks	
100	Priti	90	
101	Megha	93	
102	Prerana	80	
104	Neha	70	
105	Mayuri	85	

Output

stud_id	roll_no
100	10
101	11
102	12
104	13

Customers

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Online SQL Editor

Interactive SQL Course

Input

```
create table Customer_details
as
select Customer_id,first_name from Customers ;
```

Run SQL

Available Tables

Output

SQL query successfully executed. However, the result set is empty.

Customer_details

customer_id	first_name
1	John
2	Robert
3	David
4	John
5	Betty

Customers


customer_id	first_name	last_name	age	cc
1	John	Doe	31	US
2	Robert	Luna	22	US
3	David	Robinson	22	US
4	John	Reinhardt	25	US
5	Betty	Doe	28	US

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Input

```
-- Online SQL Editor to Run SQL Online.  
-- Use the editor to create new tables, insert data and all other SQL operations.  
UPDATE Class  
set marks=88  
where roll_no = 12;
```

Run SQL

Available Tables

Output

SQL query successfully executed. However, the result set is empty.

Class

stud_id	roll_no	stud_name	marks
100	10	Priti	88
101	11	Megha	88
102	12	Prerana	88
104	13	Neha	88

Class2

stud_id	stud_name	marks
100	Priti	90
101	Megha	93
102	Prerana	80
104	Neha	70
105	Mayuri	85

Input

```
create table order_details
as
select*from Orders ;
```

Run SQL

Available Tables

order_id	item	amount	customer_id
1	Keyboard	400	4
2	Mouse	300	4
3	Monitor	12000	3
4	Keyboard	400	1
5	Mousepad	250	2

Orders

order_id	item	amount	customer_id
1	Keyboard	400	4
2	Mouse	300	4
3	Monitor	12000	3
4	Keyboard	400	1
5	Mousepad	250	2

Output

SQL query successfully executed. However, the result set is empty.

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Online SQL Editor

Online SQL Editor to Run SQL Online.

-- Use the editor to create new tables, insert data and all other SQL operations.

Create view class_4

AS

SELECT*from Class

WHERE marks> 85;

Output

SQL query successfully executed. However, the result set is empty.

Class

stud_id	roll_no	stud_name	marks
100	10	Priti	90
101	11	Megha	93
102	12	Prerana	80
104	13	Neha	75

Class2

stud_id	stud_name	marks
100	Priti	90
101	Megha	93
102	Prerana	80
104	Neha	70
105	Mayuri	85

Customers

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Input

```
-- Online SQL Editor to Run SQL Online.  
-- Use the editor to create new tables, insert data and all other SQL operations.  
SELECT*from Class where marks >80;
```

Run SQL

Available Tables

Class

stud_id	roll_no	stud_name	marks
100	10	Priti	90
101	11	Megha	93
102	12	Prerana	80
104	13	Neha	70
105	14	Mayuri	85

Class2

stud_id	stud_name	marks
100	Priti	90
101	Megha	93
102	Prerana	80
104	Neha	70
105	Mayuri	85

Output

stud_id	roll_no	stud_name	marks
100	10	Priti	90
101	11	Megha	93
105	14	Mayuri	85



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Input

```
-- Online SQL Editor to Run SQL Online.  
-- Use the editor to create new tables, insert data and all other SQL operations.  
SELECT distinct(stud_id) from Class ;
```

Run SQL

Available Tables

Class2

stud_id	stud_name	marks
100	Priti	90
101	Megha	93
102	Prerana	80
104	Neha	70
105	Mayuri	85

Customers

customer_id	first_name	last_name	age	cc
1	John	Doe	31	US
2	Robert	Luna	22	US
3	David	Robinson	22	UI
4	John	Reinhardt	25	UI
5	Betty	Doe	28	U/

Output

stud_id
100
101
102
104

Customers [-]

- customer_id [int]
- first_name [varchar(100)]
- last_name [varchar(100)]
- country [varchar(100)]

Orders [-]

- order_id [integer]
- item [varchar(100)]
- amount [integer]
- customer_id [integer]

Shippings [-]

- shipping_id [integer]
- status [integer]
- customer [integer]

Input

```
-- Online SQL Editor to Run SQL Online.  
-- Use the editor to create new tables, insert data and all other SQL operations.  
  
alter table Customers drop column age ;
```

Run SQL

Available Tables

Customers

customer_id	first_name	last_name	country
1	John	Doe	USA
2	Robert	Luna	USA
3	David	Robinson	UK
4	John	Reinhardt	UK
5	Betty	Doe	UAE

Orders

order_id	item	amount	customer_id
1	Keyboard	400	4
2	Mouse	300	4
3	Monitor	12000	3
4	Keyboard	400	1
5	Mousepad	250	2

Output

SQL query successfully executed. However, the result set is empty.

Online SQL Editor

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Orders [-]

Shippings [-]

Input

Run SQL

Available Tables

SQL query successfully executed. However, the result set is empty.

Orders

Shippings

order_id [integer]
item [varchar(100)]
amount [integer]
customer_id [integer]

shipping_id [integer]
status [integer]
customer [integer]

```
-- Online SQL Editor to Run SQL Online.  
-- Use the editor to create new tables, insert data and all other SQL operation  
drop table Customers;
```

Orders			
order_id	item	amount	customer_id
empty			

Shippings		
shipping_id	status	customer
empty		





Interactive SQL Course

Input

```
-- Online SQL Editor to Run SQL Online.  
-- Use the editor to create new tables, insert data and all other SQL operations.  
Select Class. stud_id, roll_no from Class INNER JOIN class2 on Class. stud_id= class2. stud_id ;
```

Run SQL

Available Tables

stud_id	roll_no	stud_name	marks
100	10	Priti	90
101	11	Megha	93
102	12	Prerana	80
104	13	Neha	75

stud_id	stud_name	marks
100	Priti	90
101	Megha	93
102	Prerana	80
104	Neha	70
105	Mayuri	85

Output

stud_id	roll_no
100	10
101	11
102	12
104	13


Customers

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Input

```
-- Online SQL Editor to Run SQL Online.  
-- Use the editor to create new tables, insert data and all other SQL operations.  
CREATE INDEX customer_id1 ON Customers(first_name);
```

Run SQL

Available Tables

Output

SQL query successfully executed. However, the result set is empty.

Customers

customer_id	first_name	last_name	age	cc
1	John	Doe	31	US
2	Robert	Luna	22	US
3	David	Robinson	22	US
4	John	Reinhardt	25	US
5	Betty	Doe	28	US

Orders

order_id	item	amount	customer_id
1	Keyboard	400	4
2	Mouse	300	4
3	Monitor	12000	3
4	Keyboard	400	1
5	Mousepad	250	2