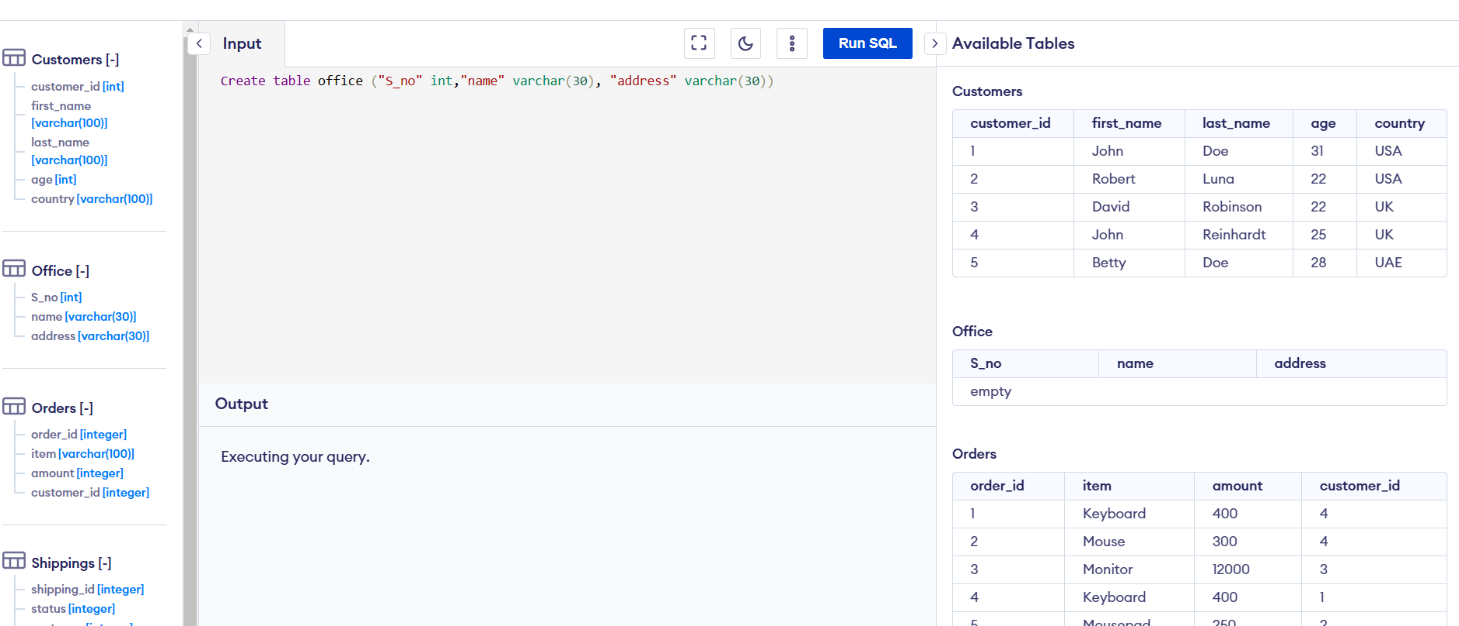
1. Table\_create:

Syntax:

Create table table\_name (“column\_name1”(data\_type),”column\_name2”(data\_type),”column\_name3”(data\_type)

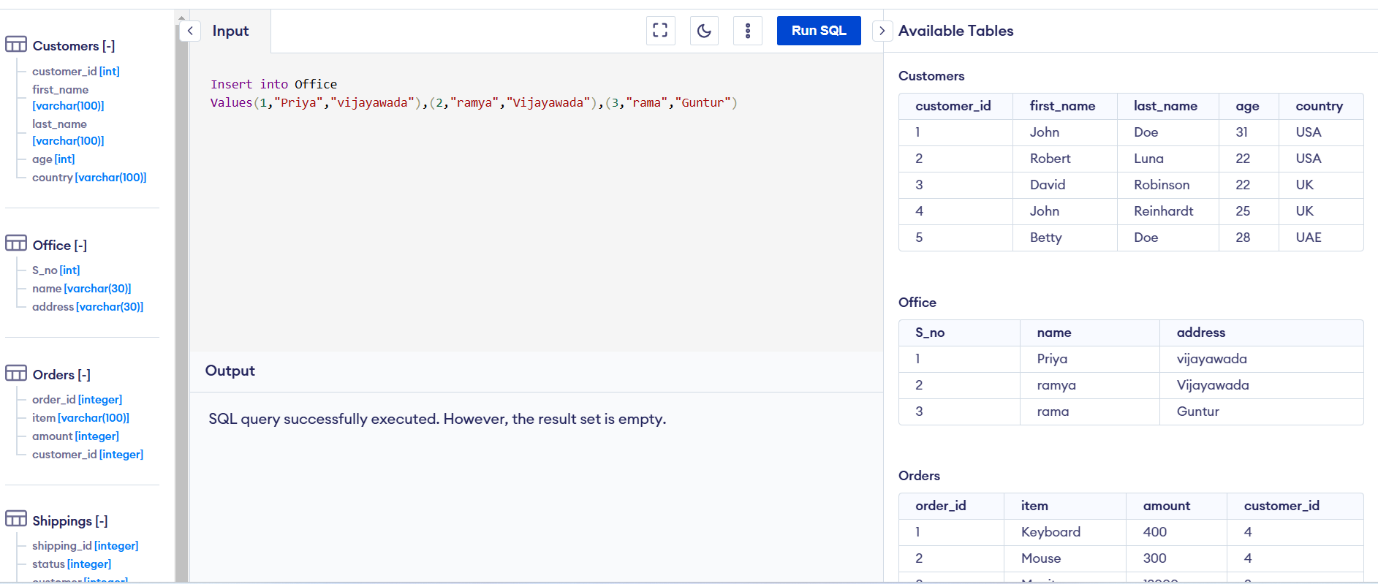


1. Insert values:

Syntax:

Insert into table\_name

Values(val1,val2,val3),(val1,val2,val3)

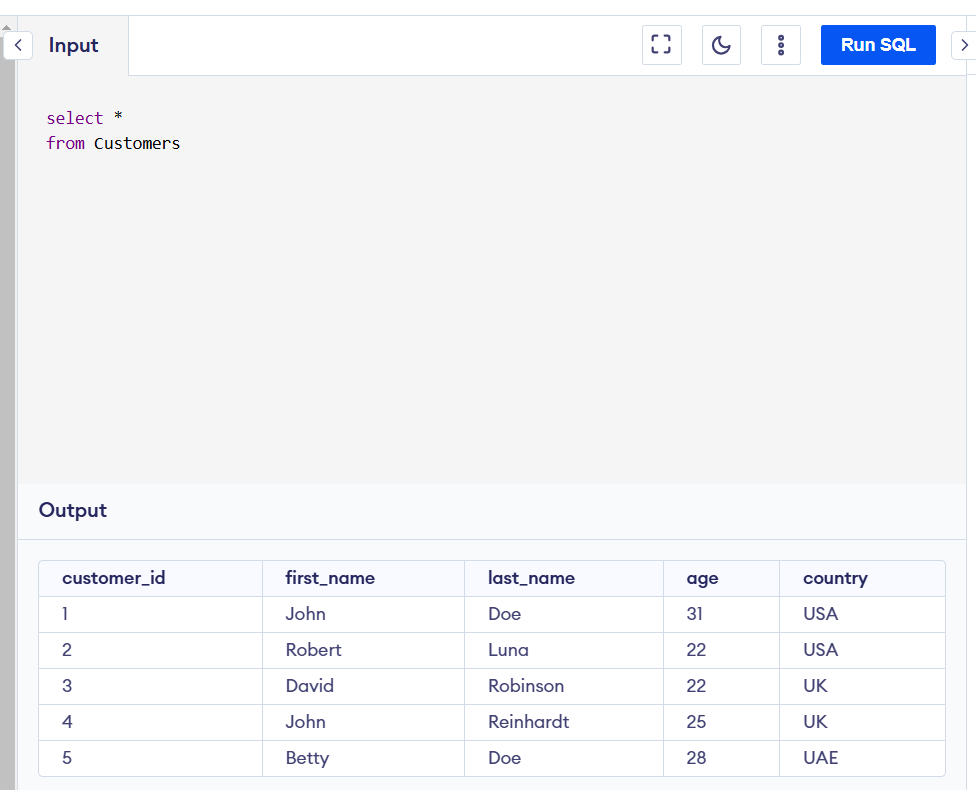


1. Data retrieve (all values)

Syntax:

Select \*

From table\_name



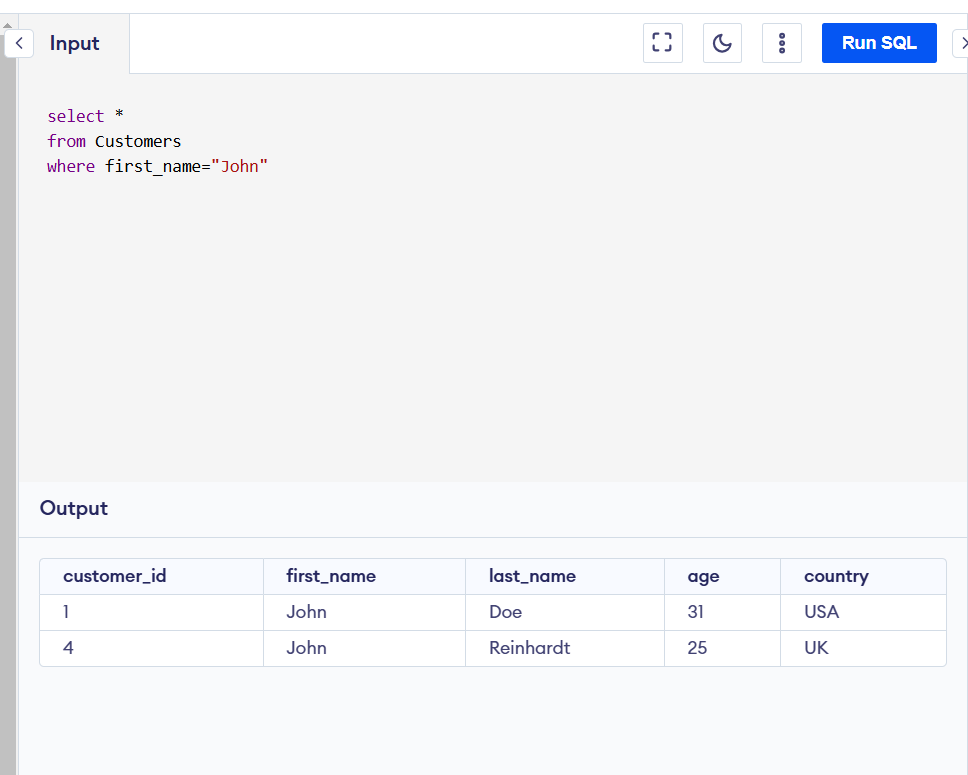
1. Filter (single\_value)

Synatax:

Select \*

From table\_name

Where column\_name=”value”



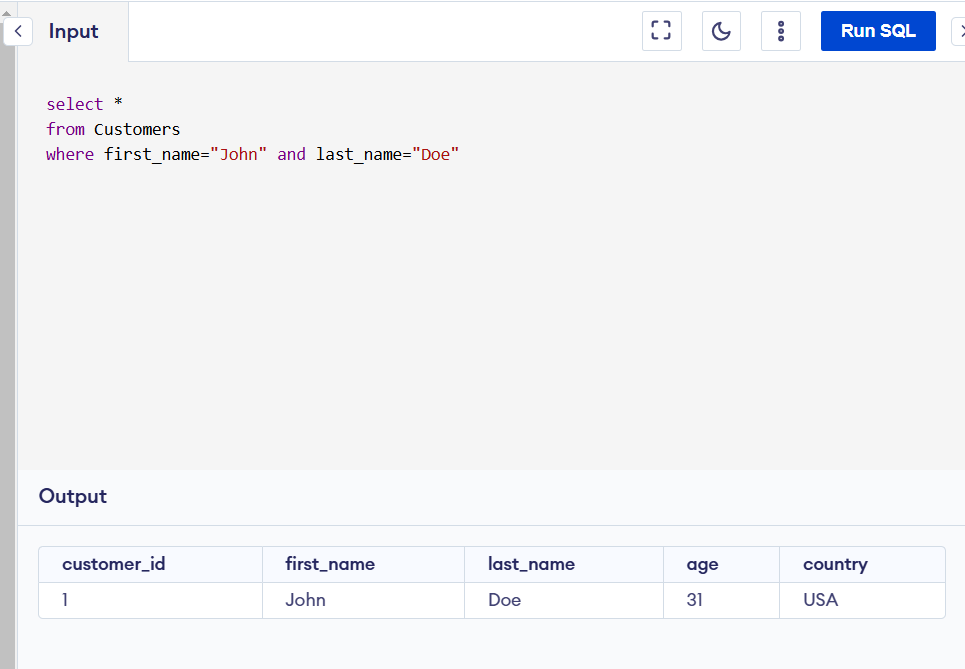
1. Conditions (and & or):

Syntax:

Select \*

From table\_name

Where column\_name1=”value” and column\_name2=”value”

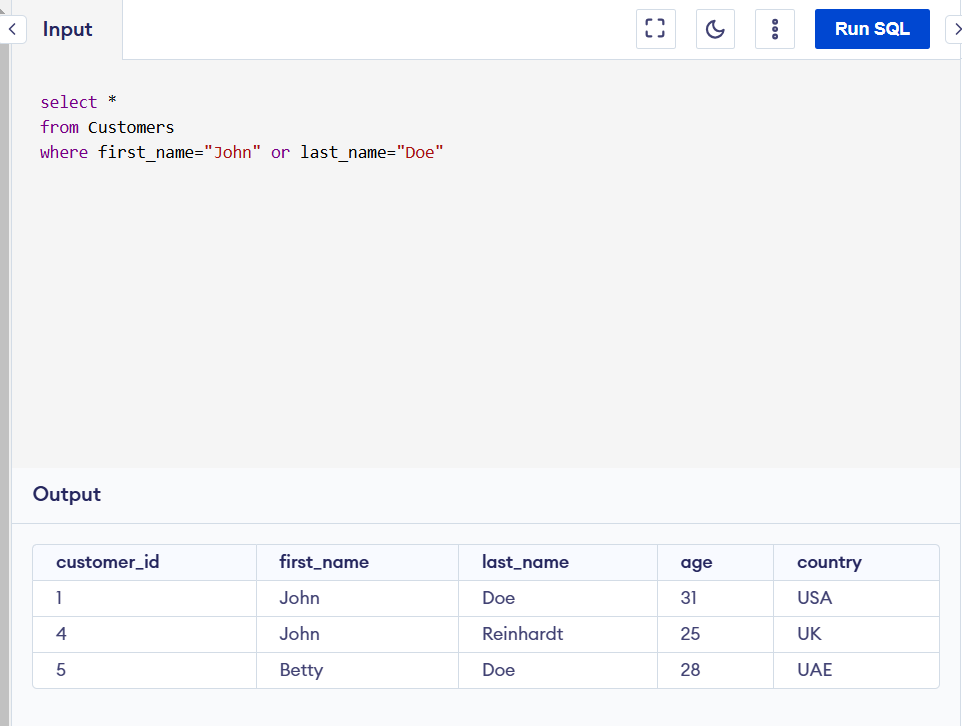


Syntax:

Select \*

From table\_name

Where column\_name1=”value” or column\_name2=”value”



1. Multiple conditions:

Select \*

From table\_name

Where (column\_name1=”value” and column\_name2=”value”) or column\_name3=”value”



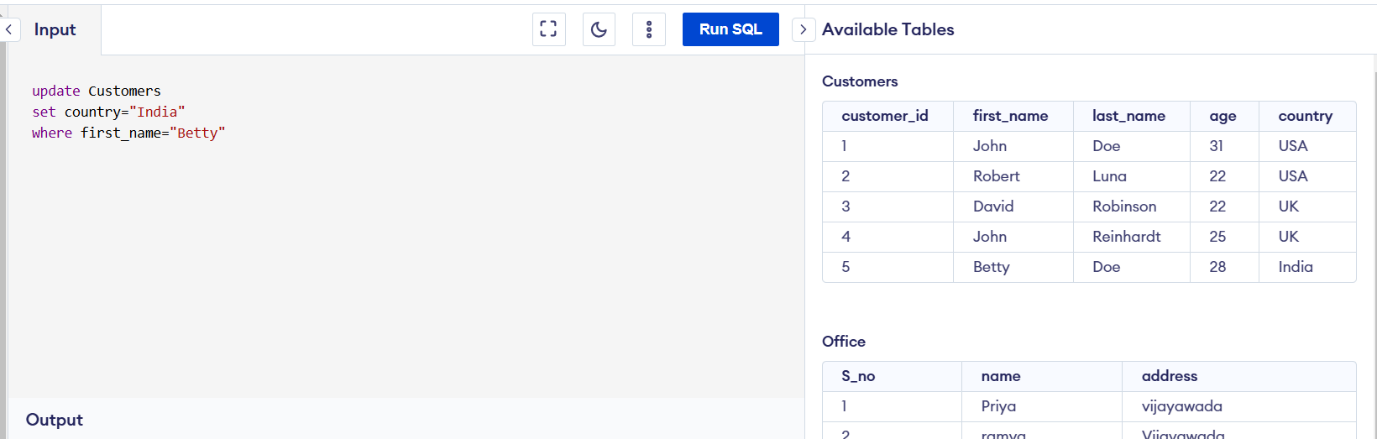
1. Update table(values):

Syntax:

Update table\_name

Set column\_value=”value”

Where column\_name=”value”

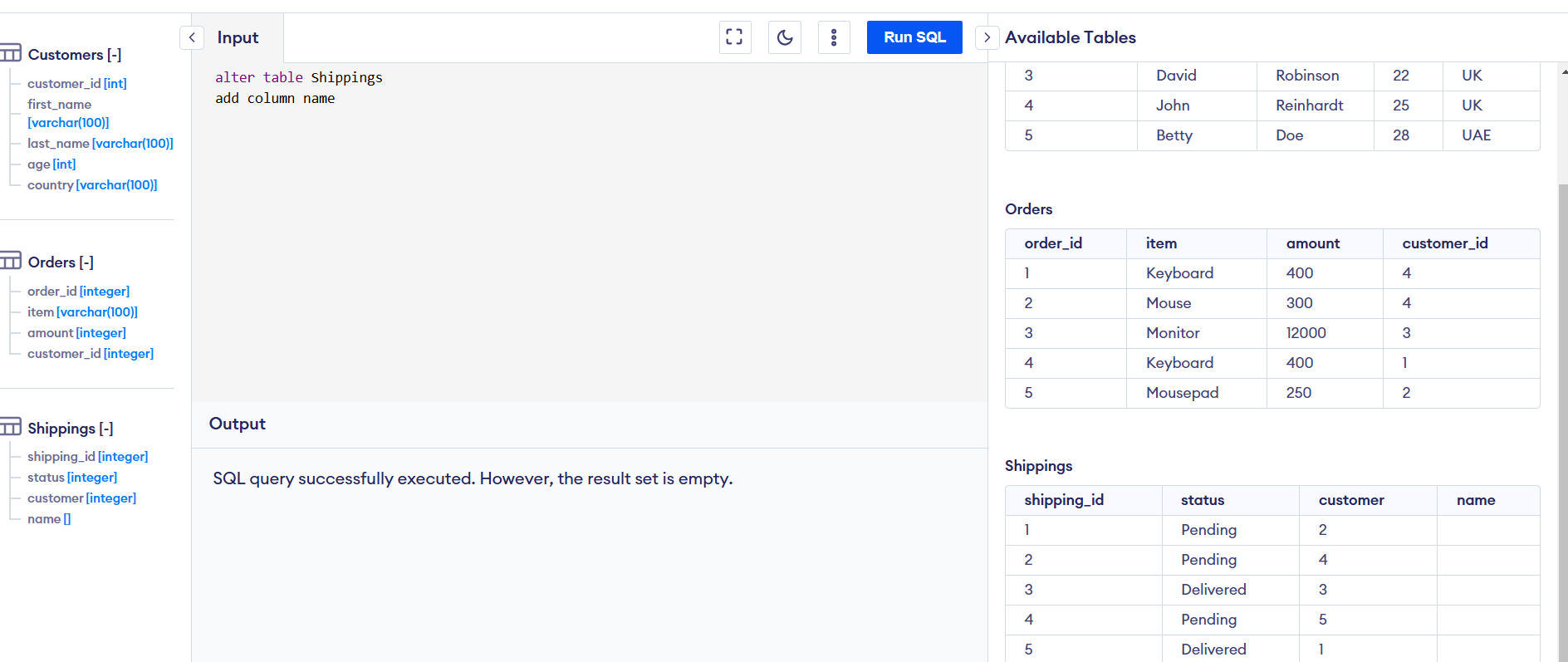


1. Add column in table:

Syntax:

Alter table table\_name

Add column column\_name

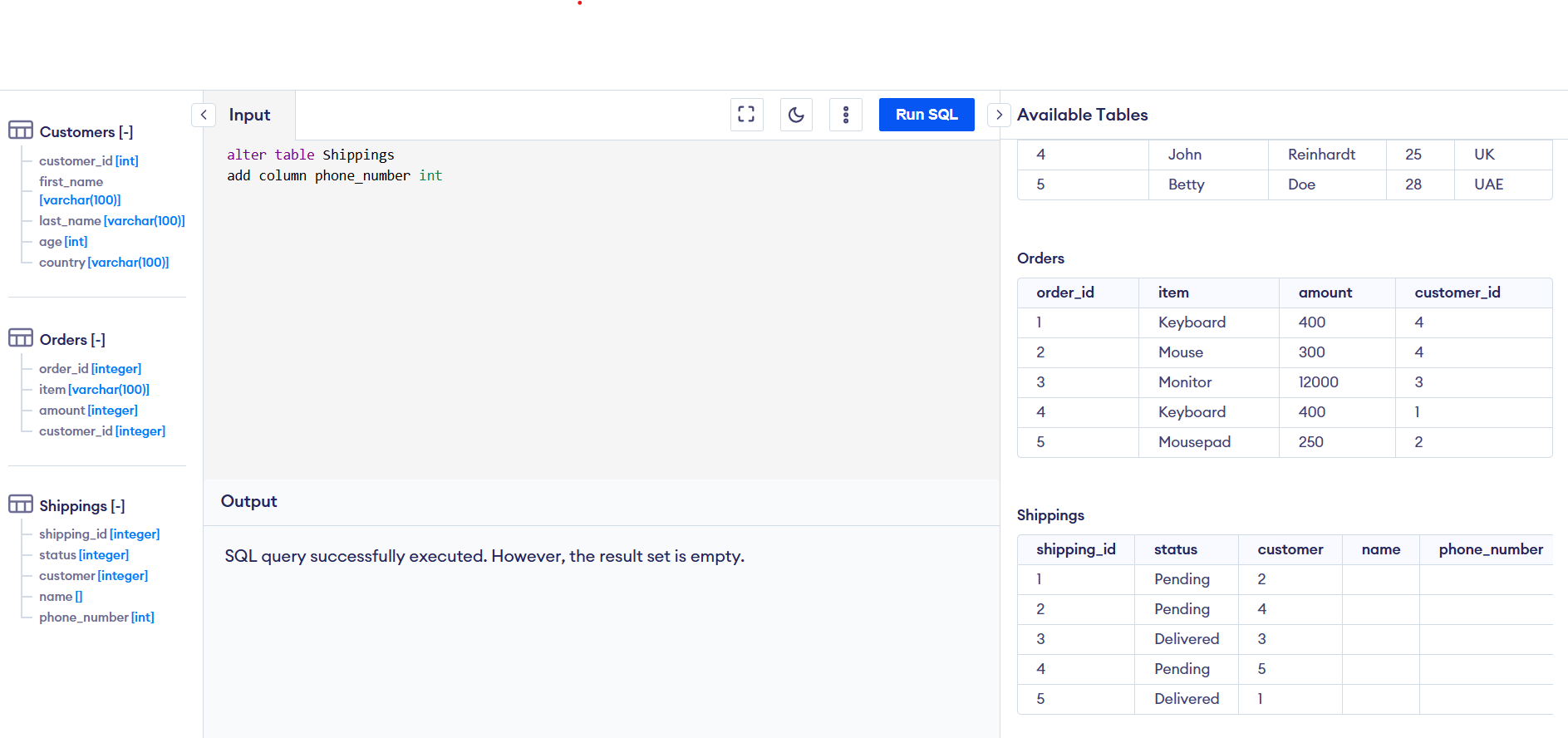


1. Add column (data\_type) in table:

Syntax:

Alter table table\_name

Add column column\_name (data\_type)

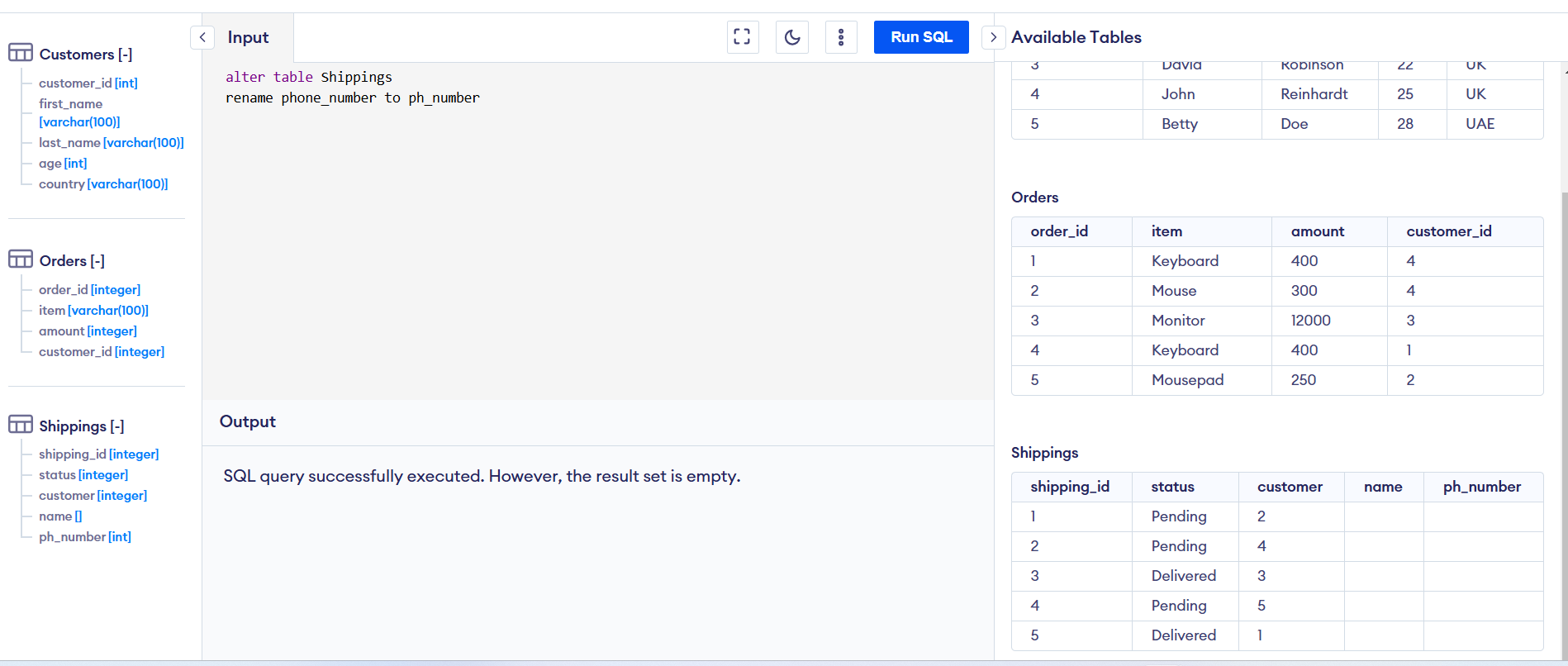


1. Rename column\_name:

Syntax:

Alter table table\_name

Rename column\_name to new\_column\_name

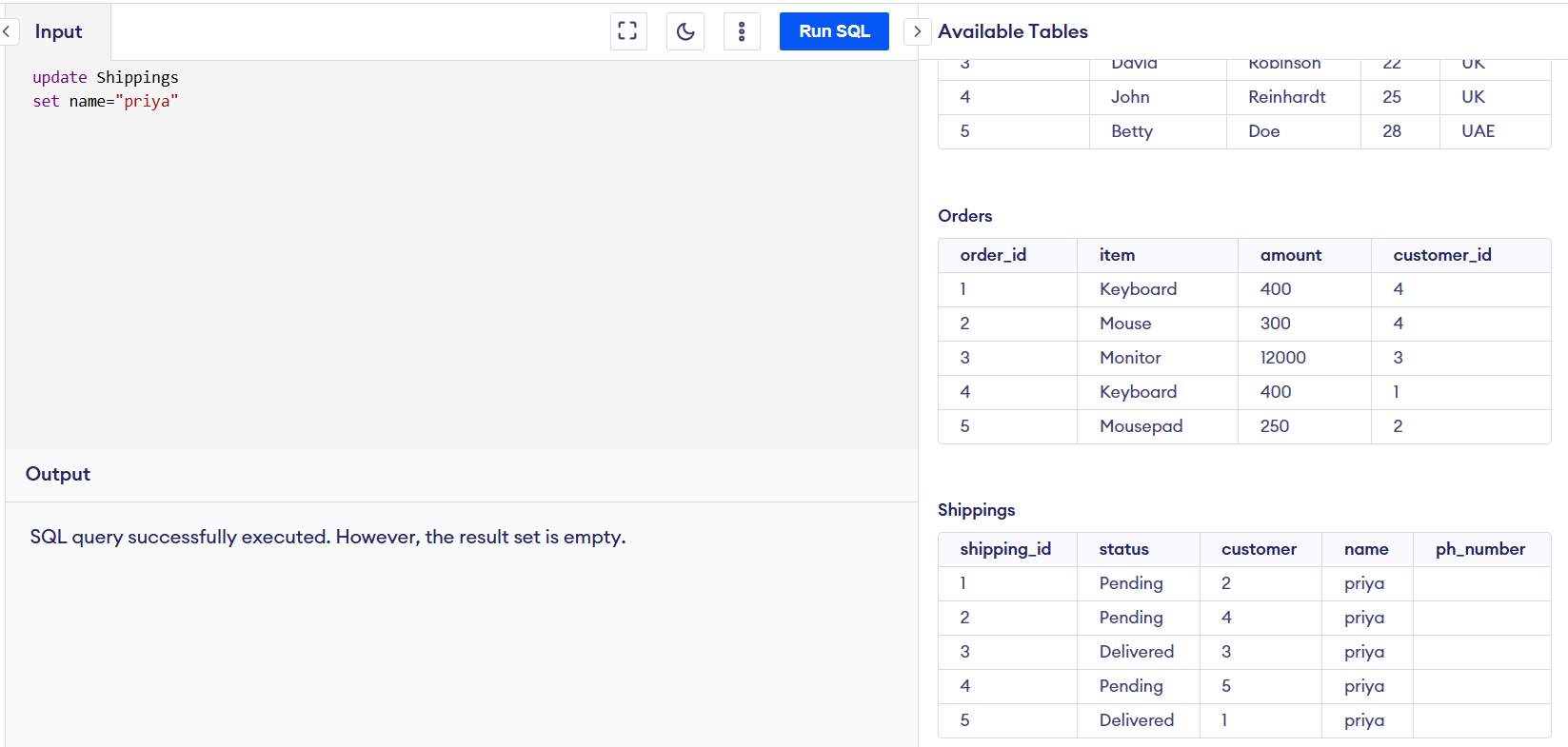


1. Add values in column:

Syntax:

Update table

Set column\_name=”value”

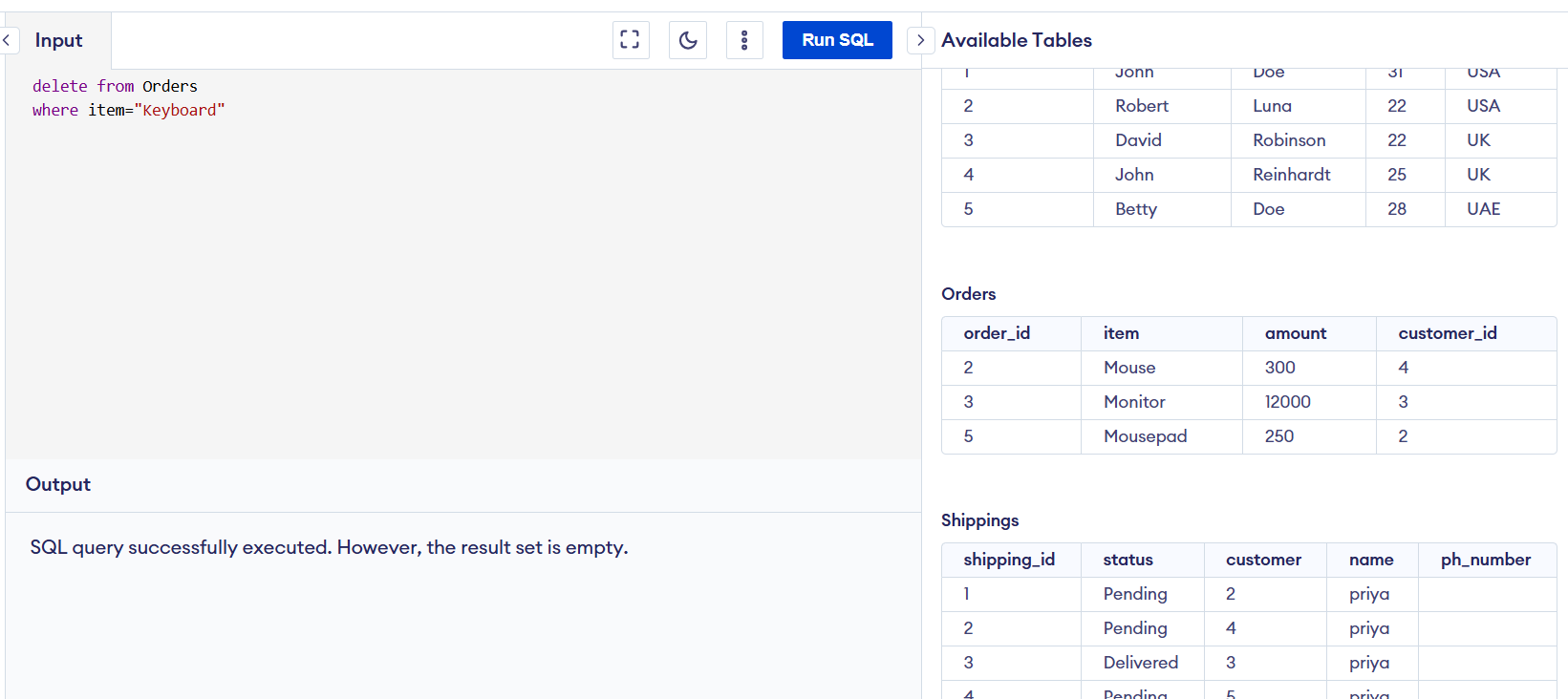


1. Delete value in column:

Syntax:

Delete from table\_name

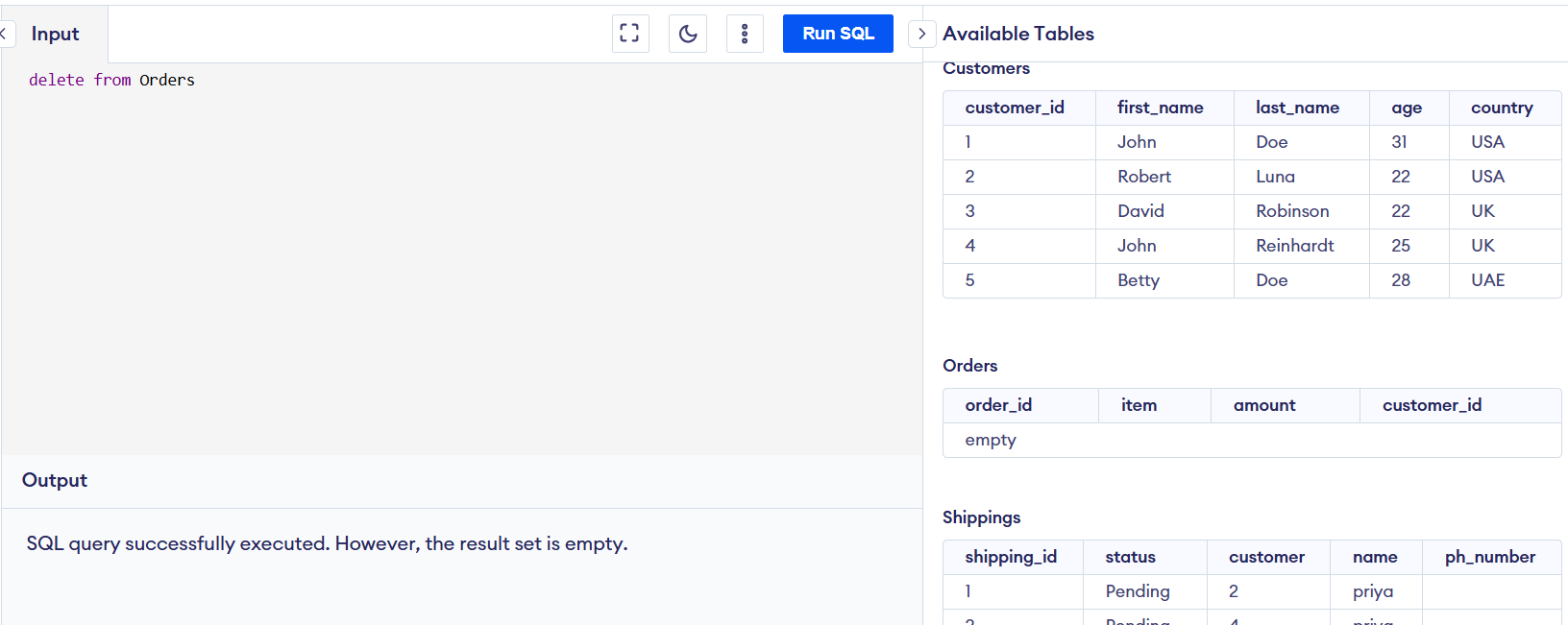
Where column\_name = “value”



1. Delete all data in table (table is empty)

Syntax:

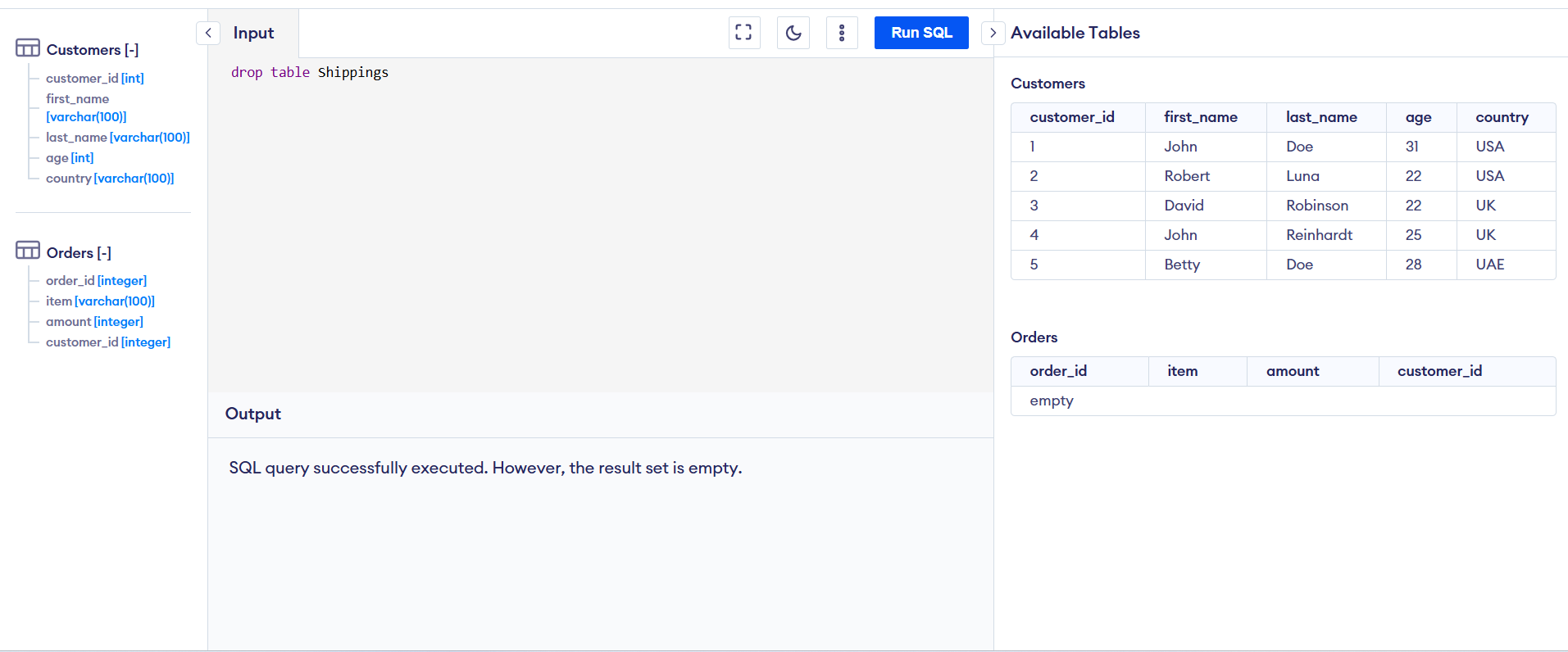
Delete from table\_name



1. Total \_table delete

Syntax:

Drop table table\_name

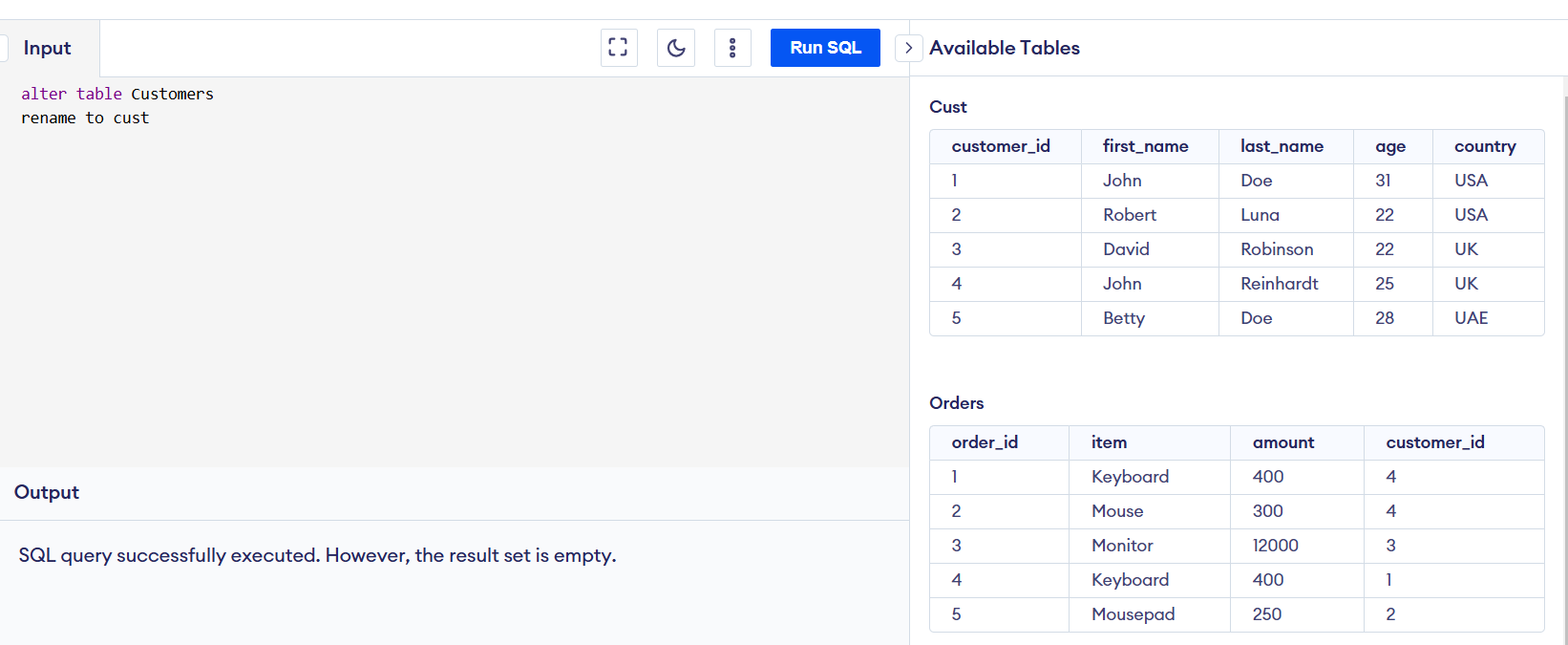


1. Table\_rename

Syntax:

Alter table table\_name

Rename to new\_table\_name



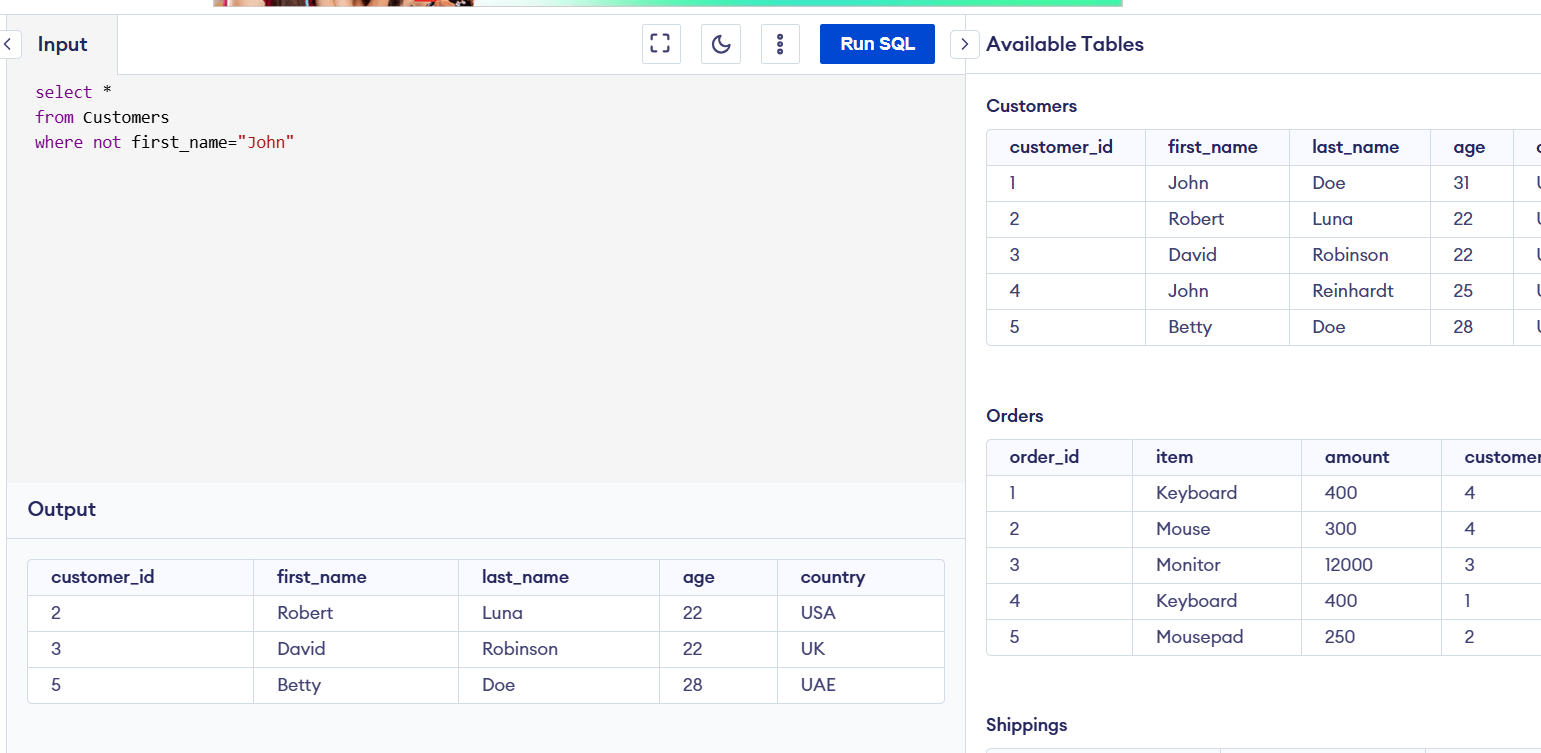
1. Not equal to condition

Syntax:

Select \*

From table\_name

Where not column\_name =”value”

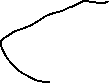


1. Joins(left,right,inner,outer)



Syntax:

Select \*



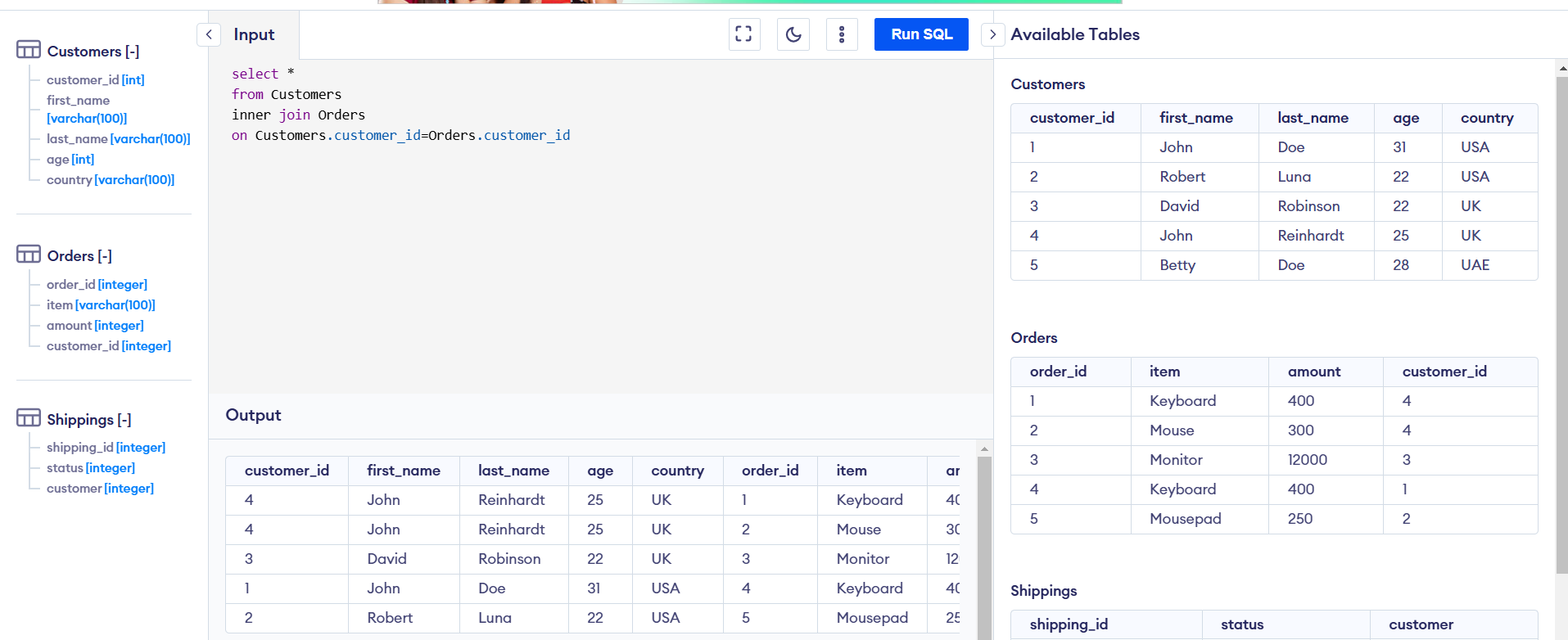
From table1(base table)

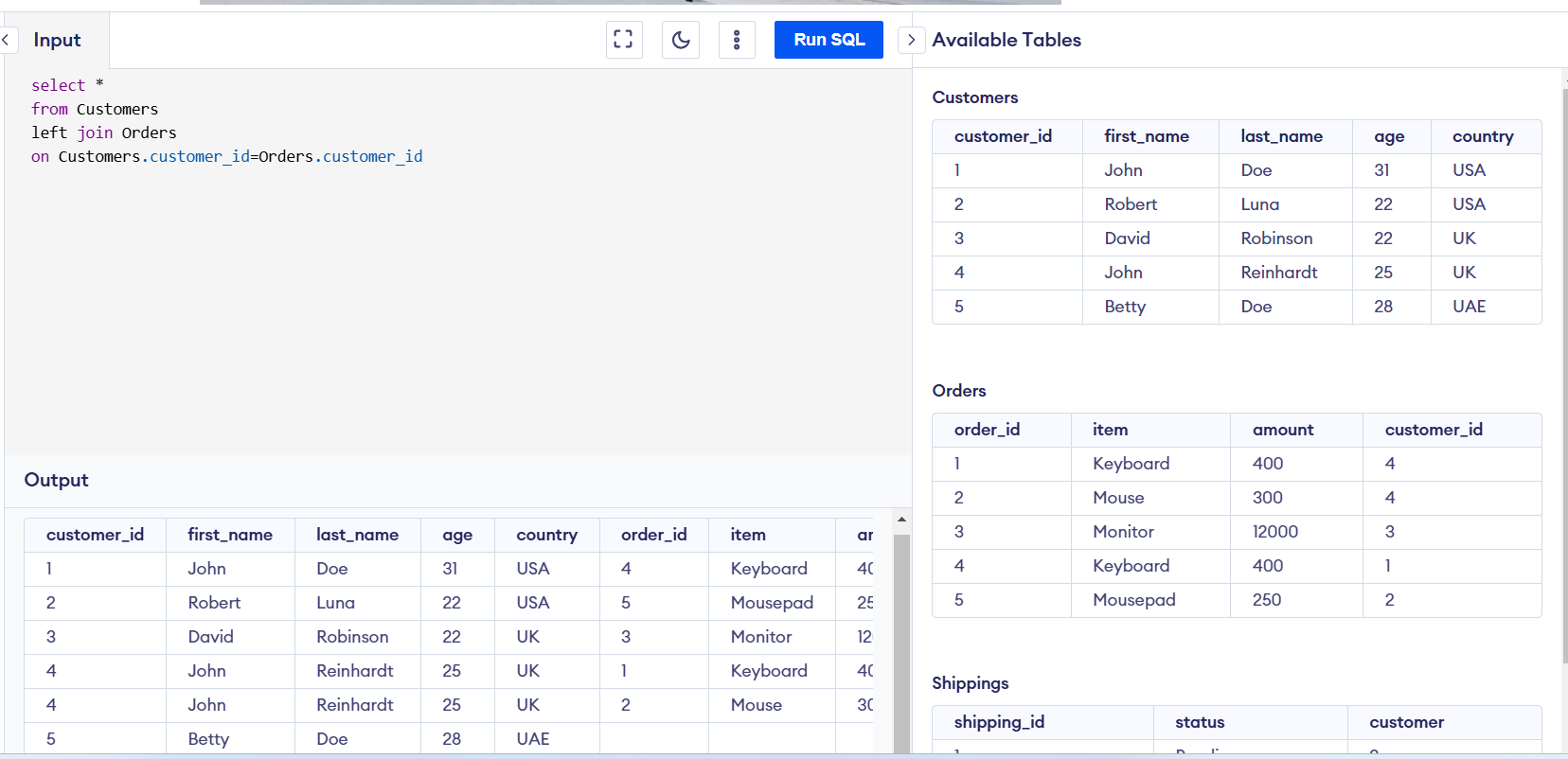
Inner join table2(child\_table)



On table1.column\_name=table2.column\_name







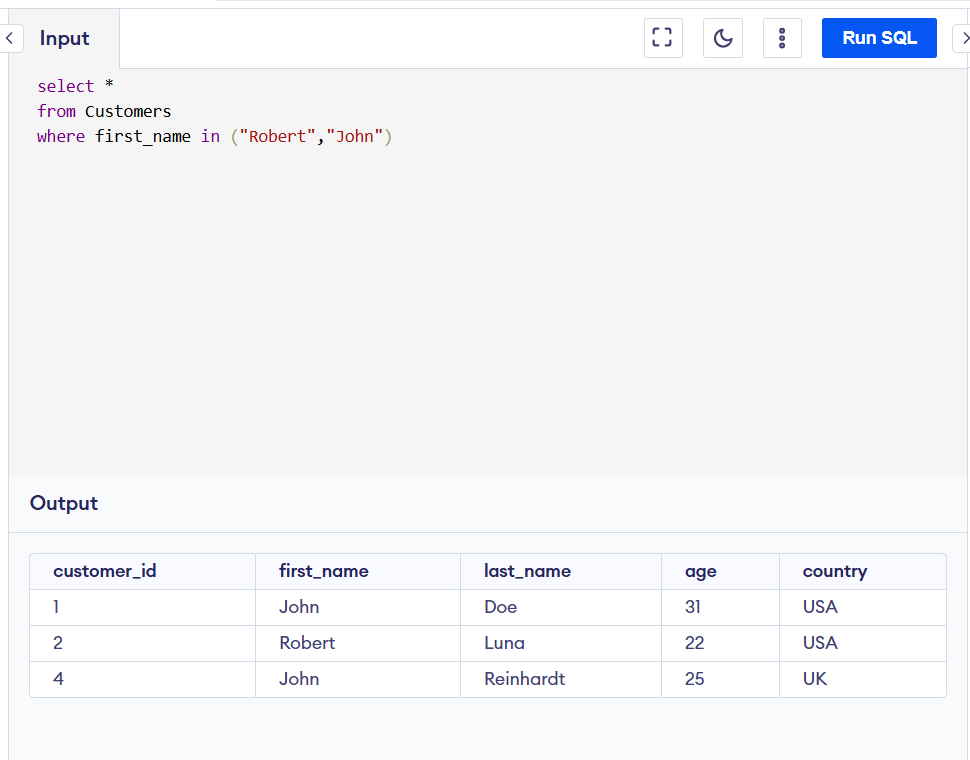
1. In condition

Syntax:

Select \*

From table\_name

Where column\_name in (value1,value2)



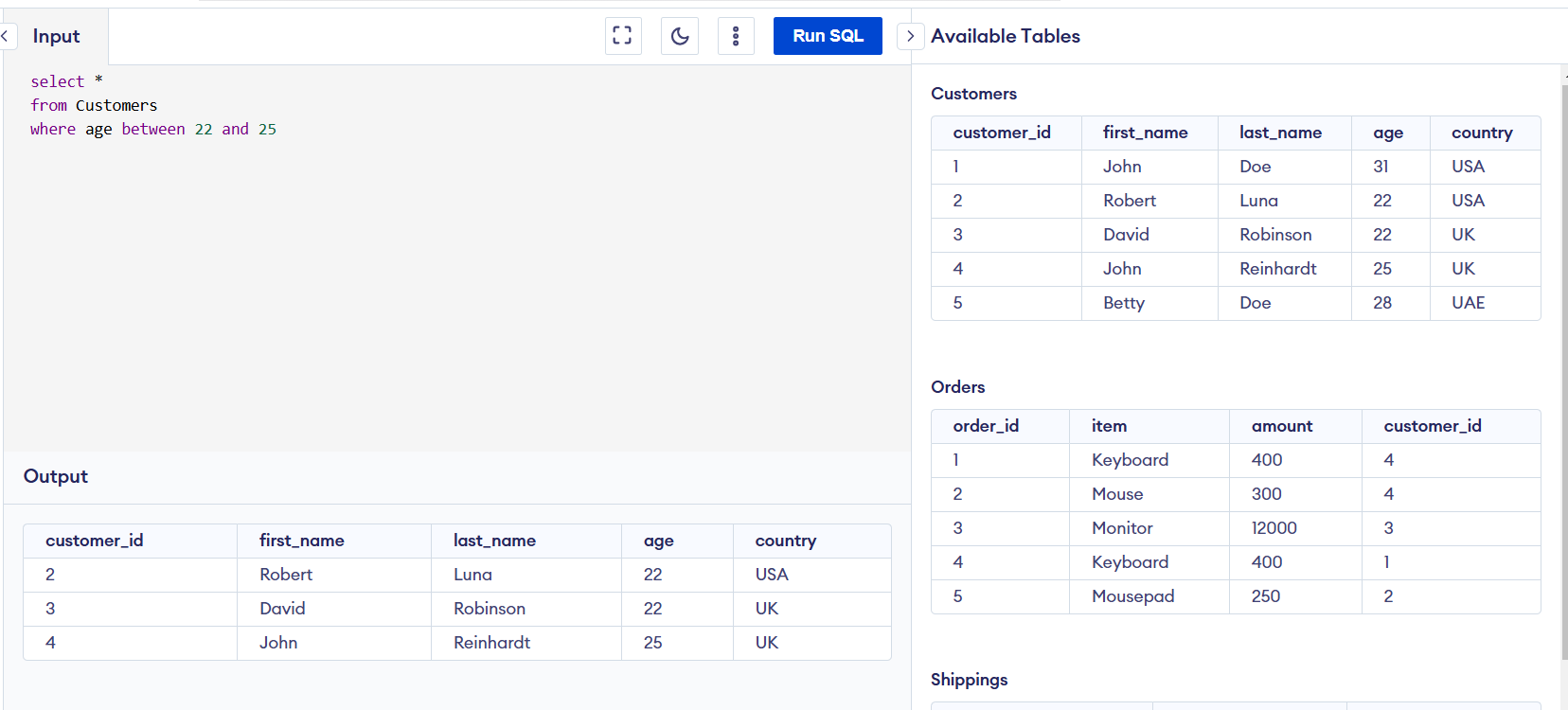
1. Between :

Syntax:

Select \*

From table\_name

Where column between value1 and value2

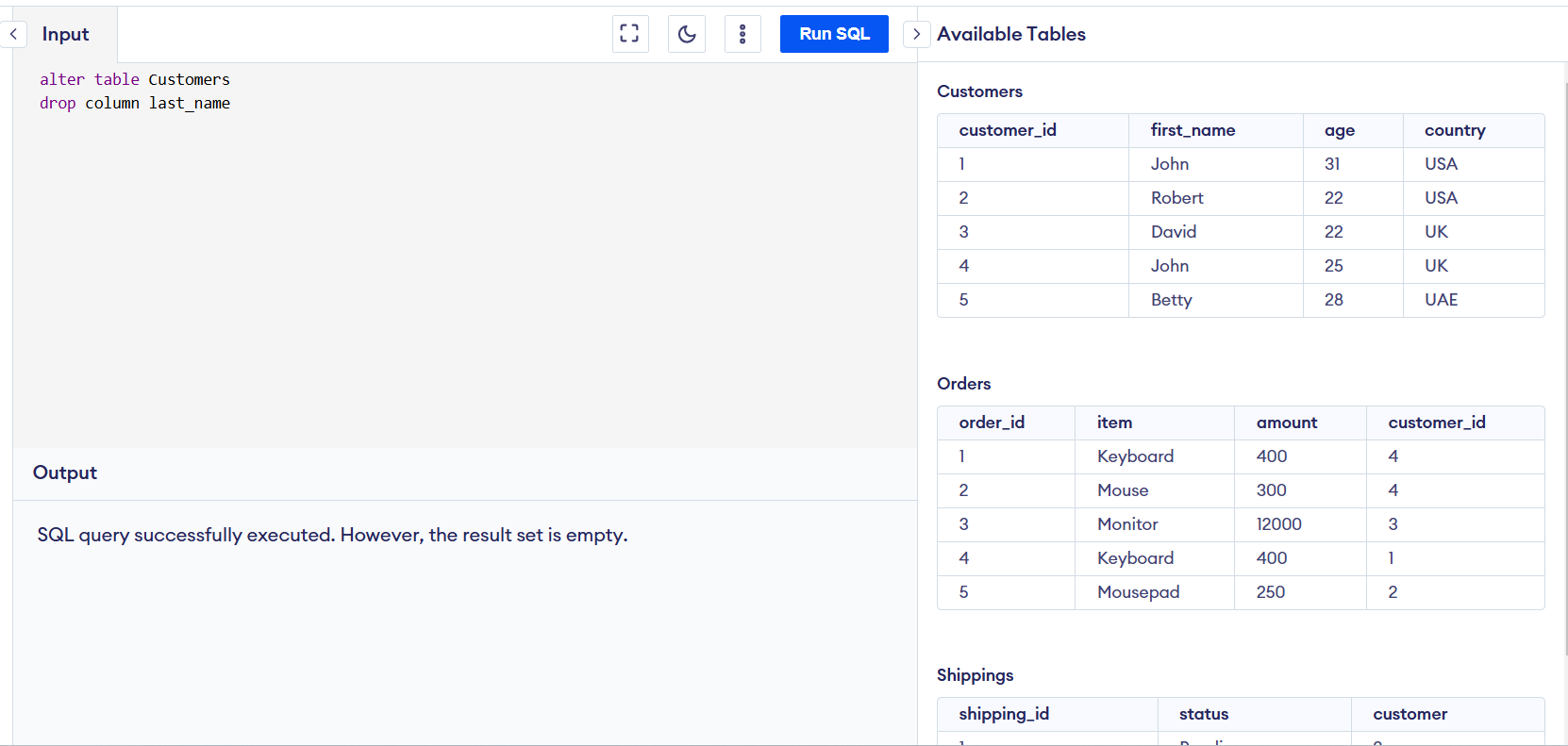


1. Column delete

Syntax:

Alter table table\_name

Drop column column\_name



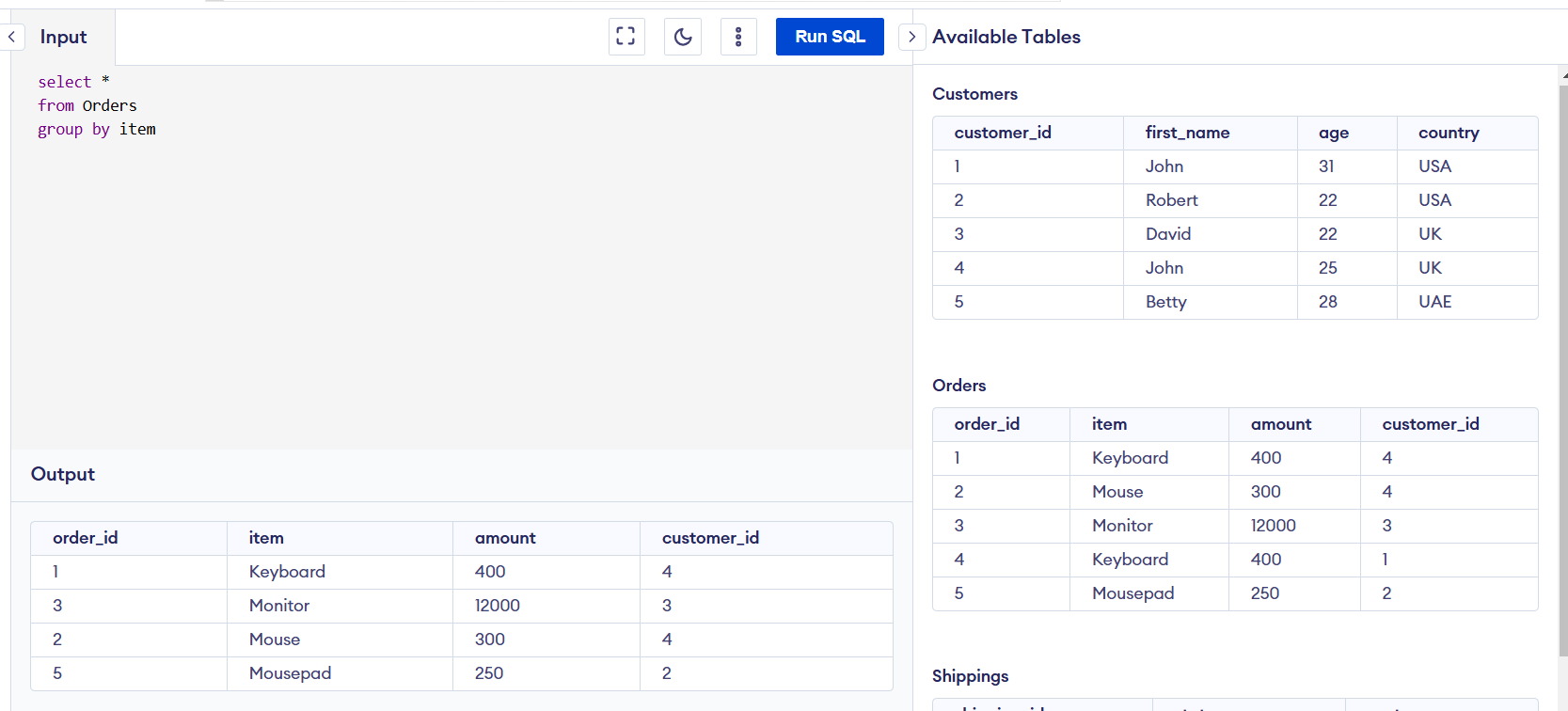
1. Group by :

Syntax:

Select \*

From table\_name

Group by column\_name

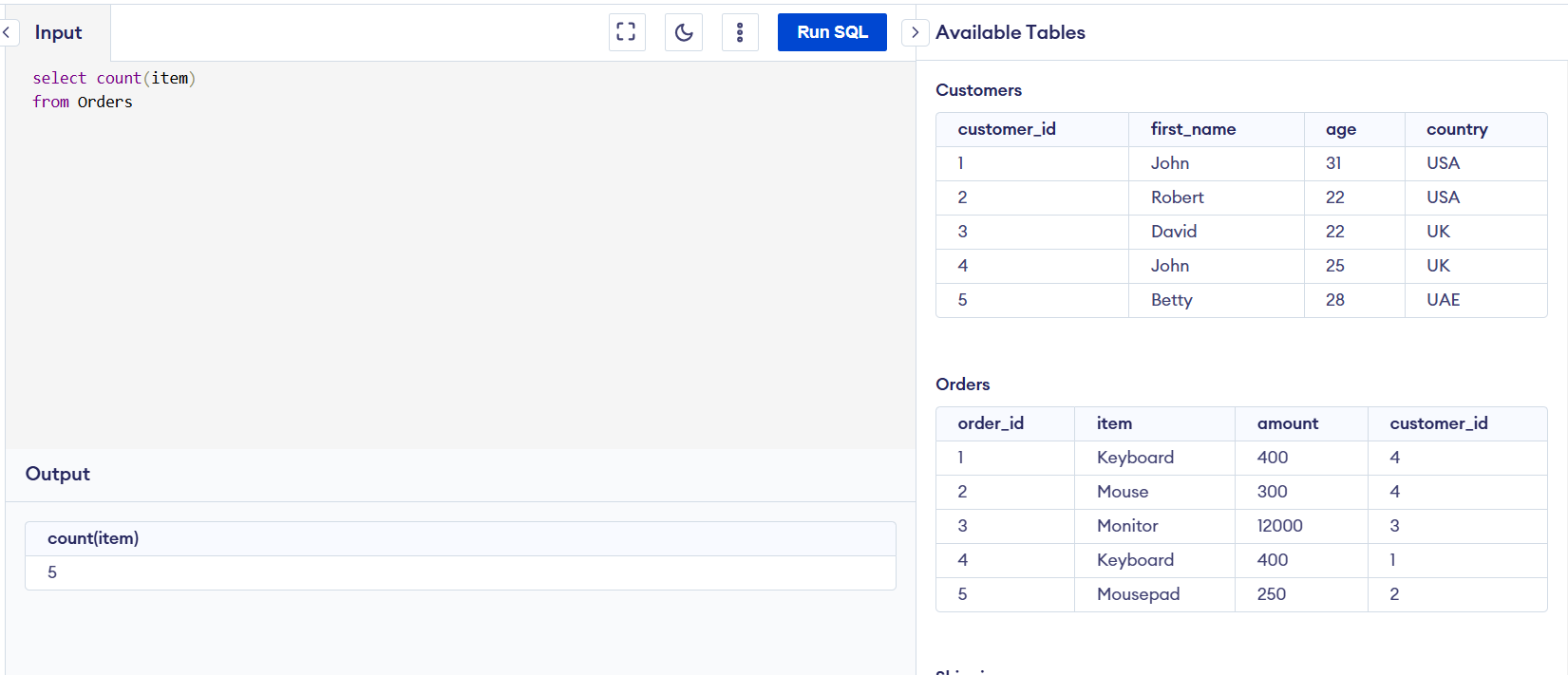


1. Aggregation functions

Syntax :

Select count(column\_name)

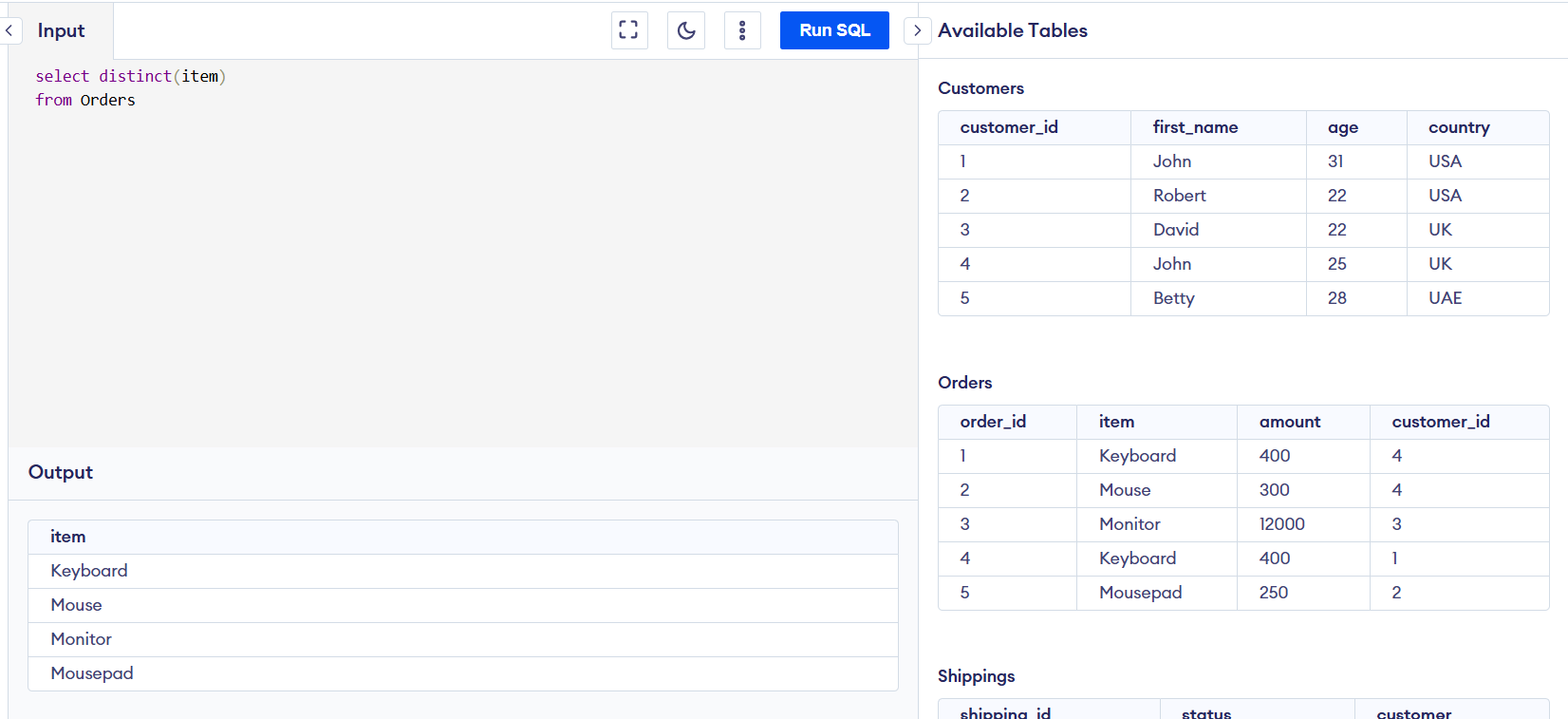
From table\_name



Syntax :

Select distinct(column\_name)

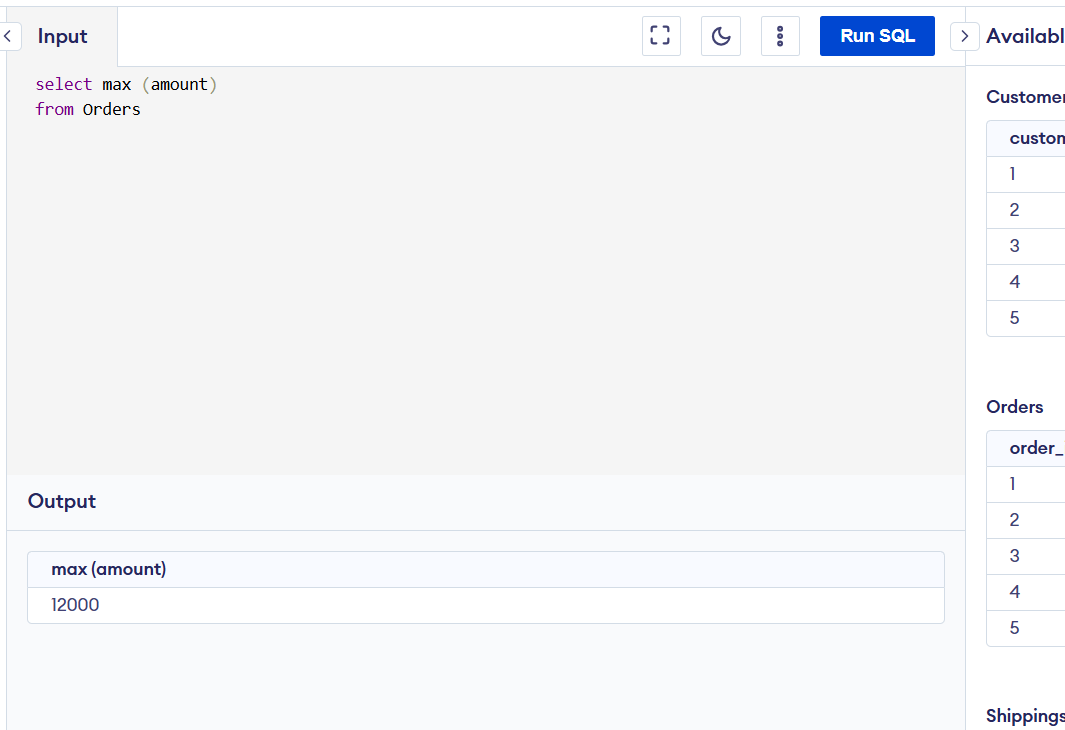
From table\_name



Syntax :

Select max(column\_name)

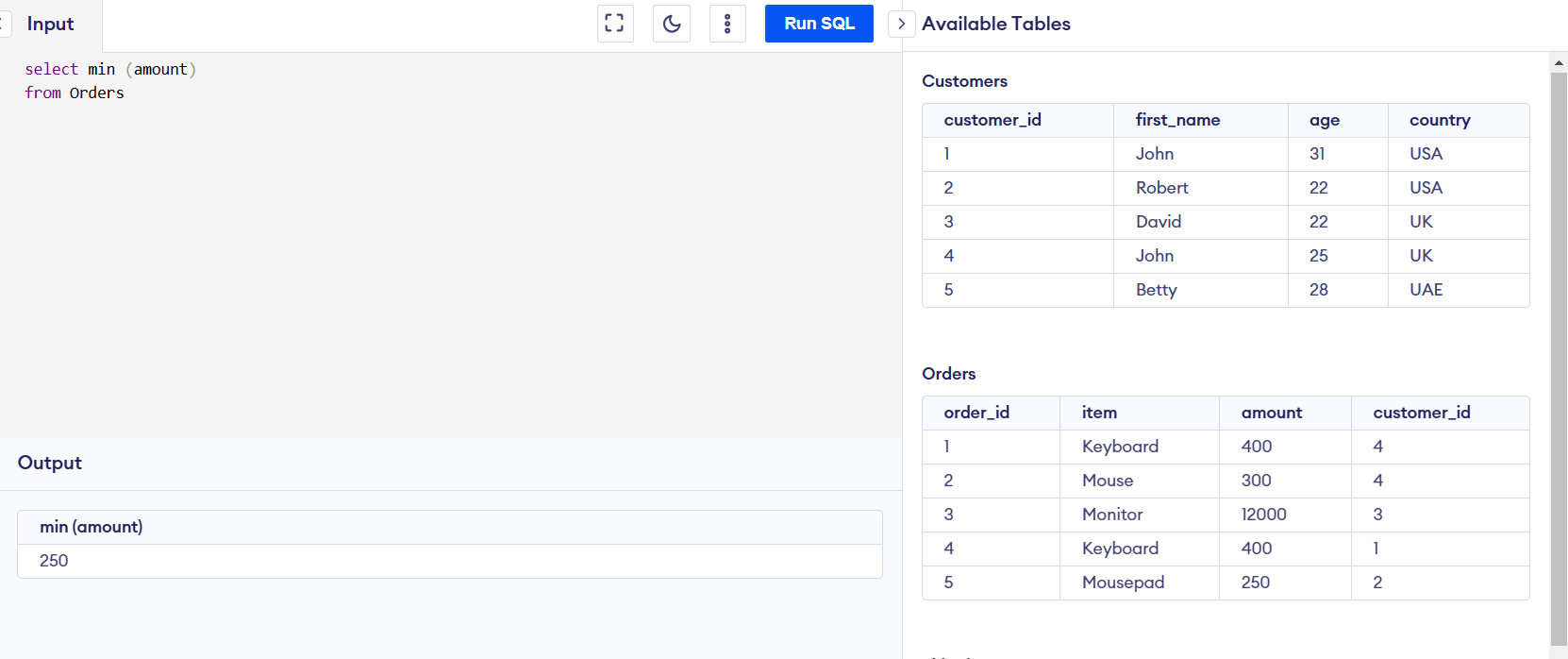
From table\_name



Syntax :

Select min (column\_name)

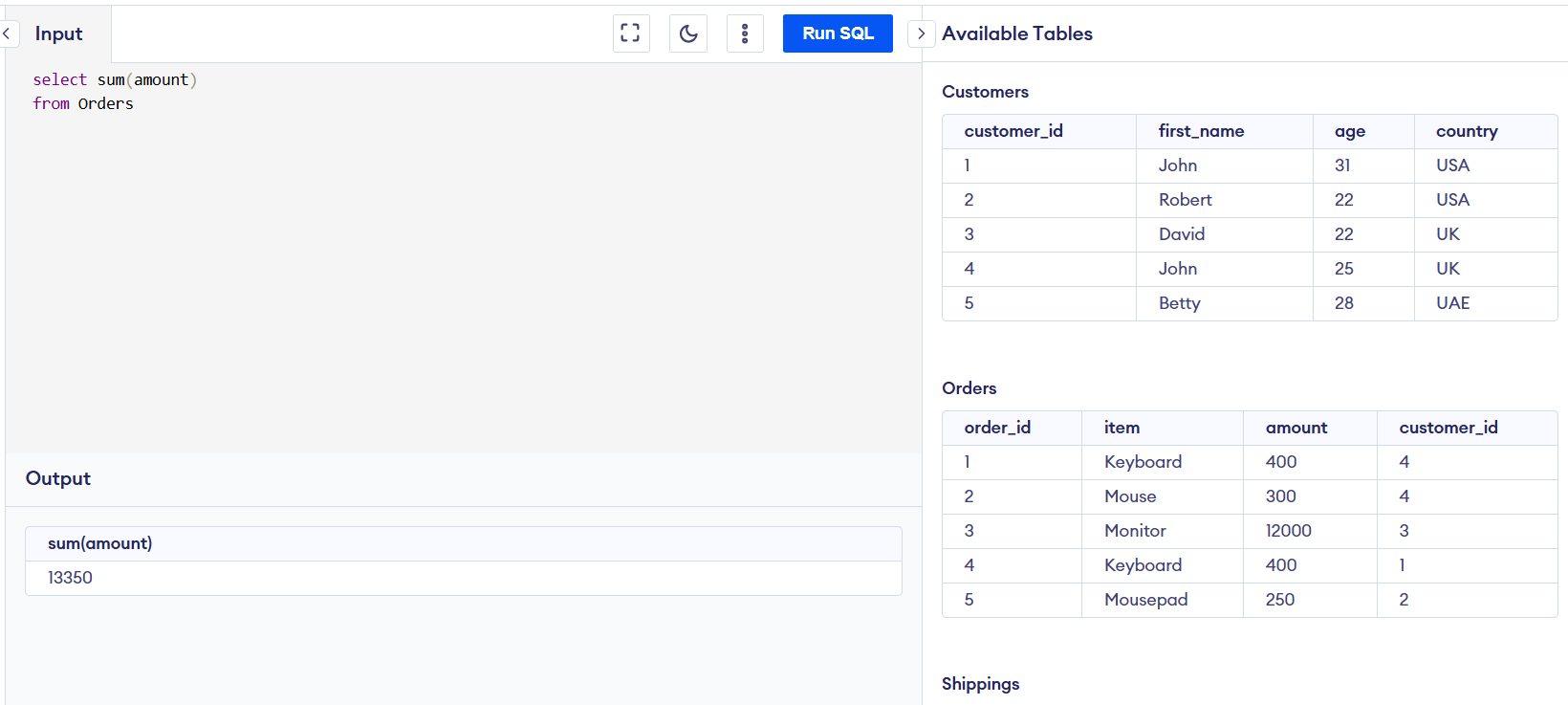
From table\_name



Syntax :

Select sum (column\_name)

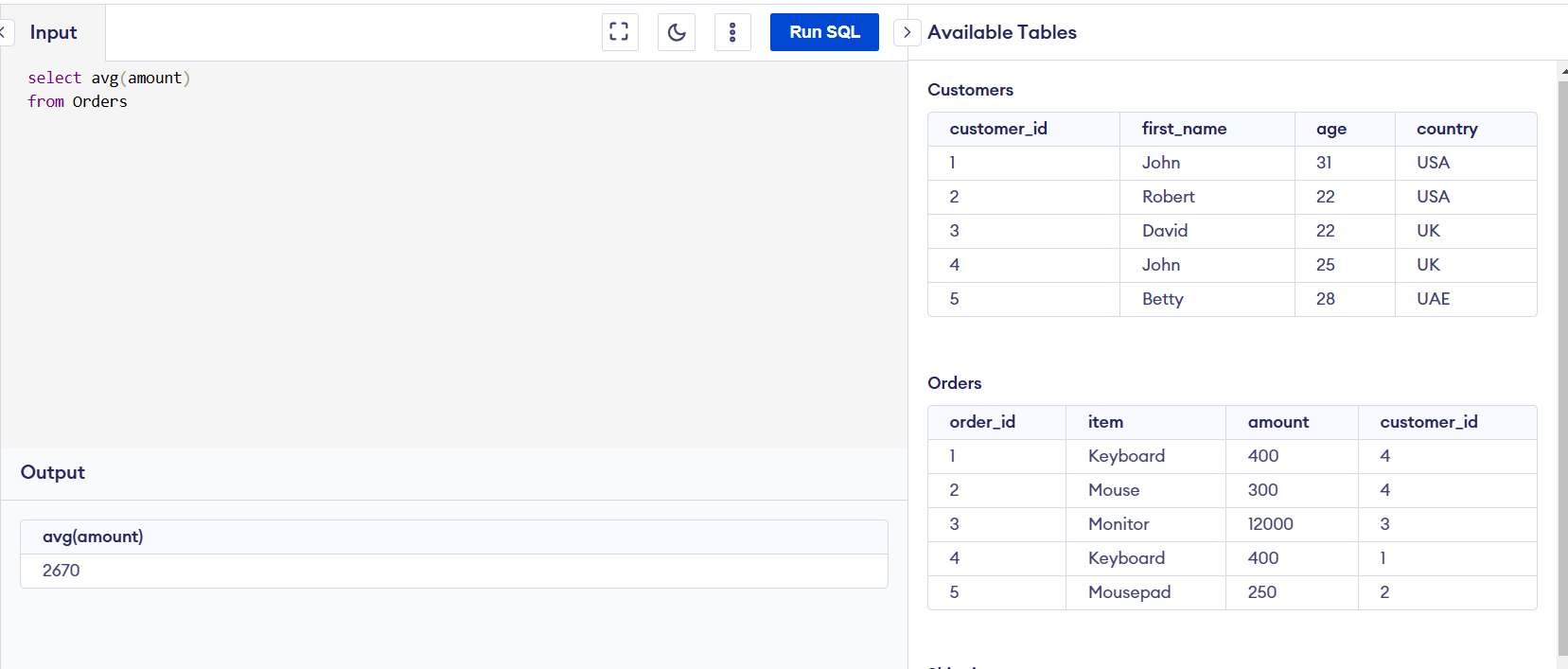
From table\_name



Syntax :

Select avg (column\_name)

From table\_name



1. Order by

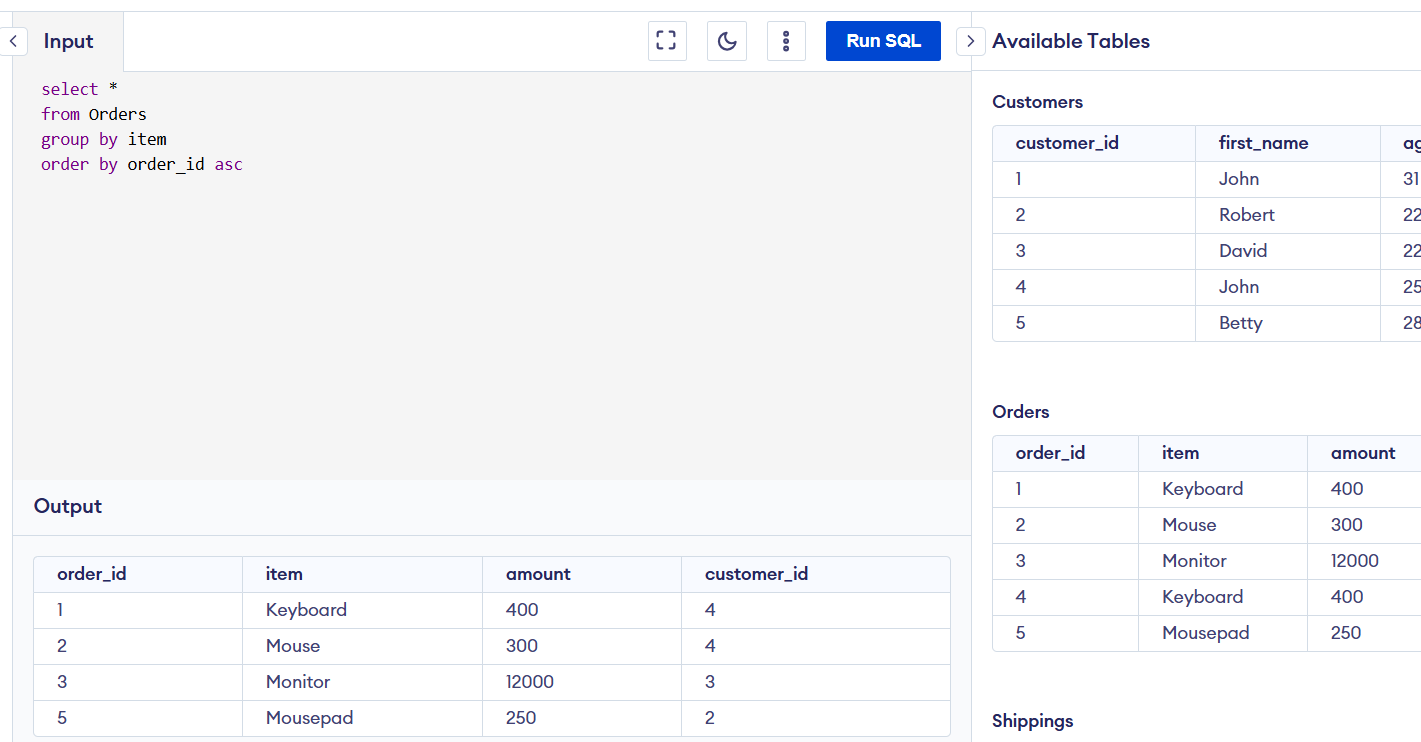
Syntax:

Select \*

From table\_name

Group by colum\_name1

Order by column\_name2 asc



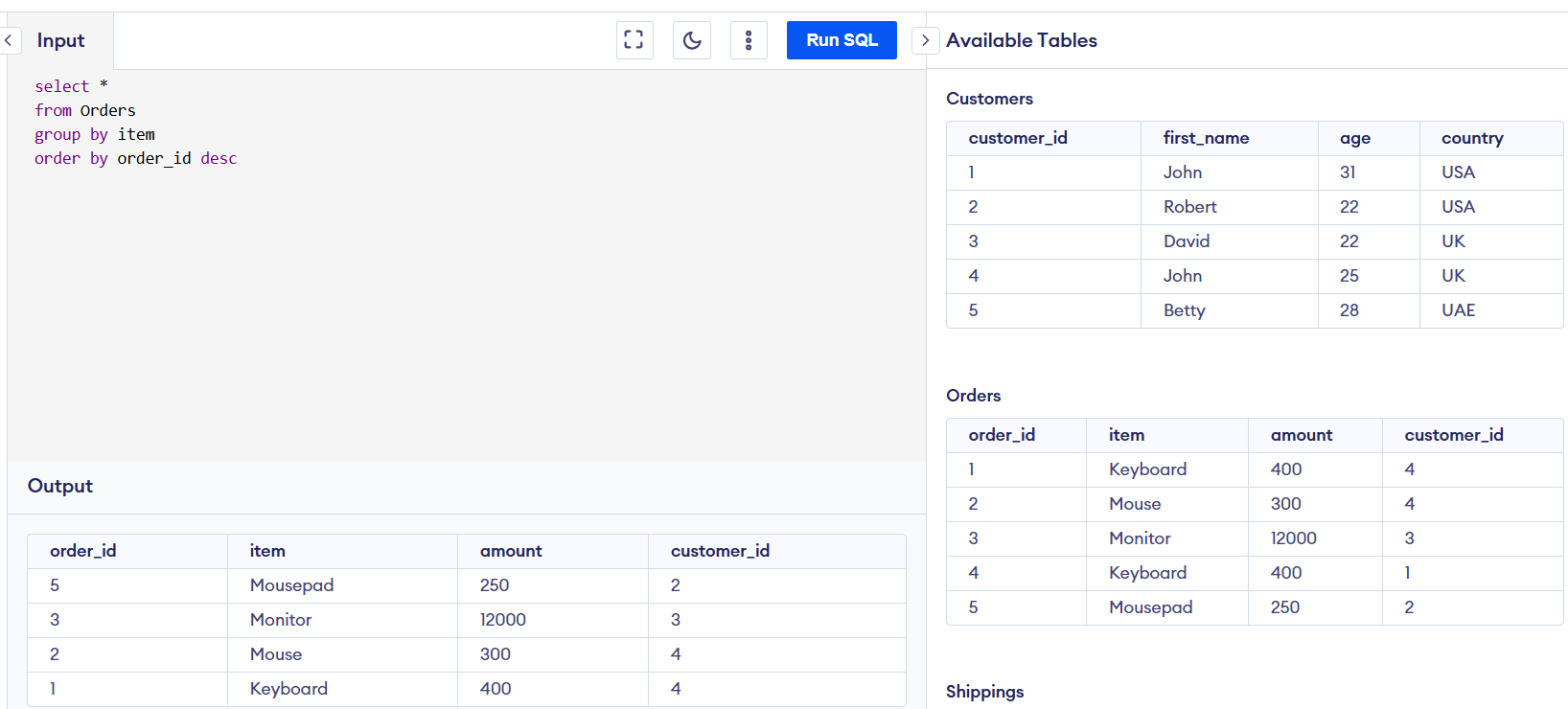
Syntax:

Select \*

From table\_name

Group by colum\_name1

Order by column\_name2 desc



1. Having condition:

Syntax:

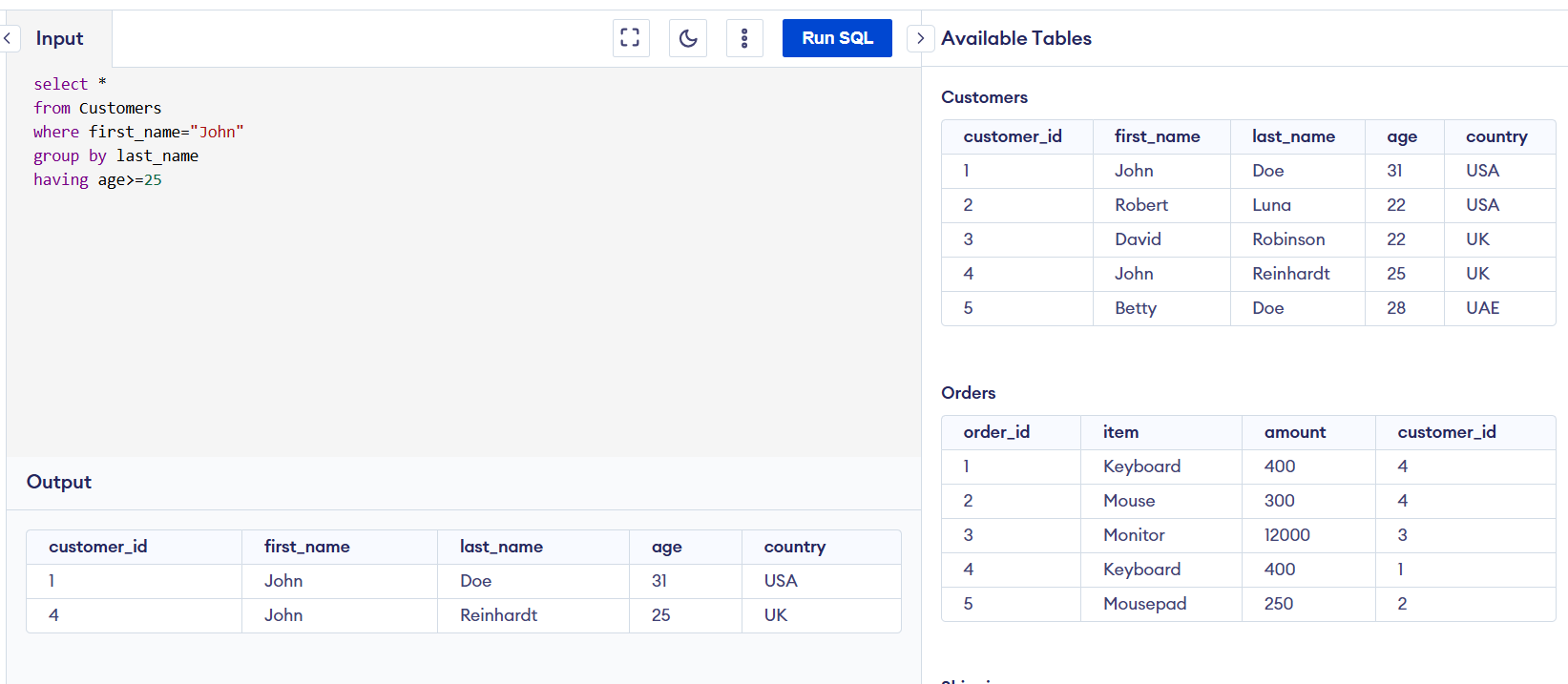
Select \*

From table\_name

Where column\_name=”value”

Group by column\_name1

Having column\_name> value



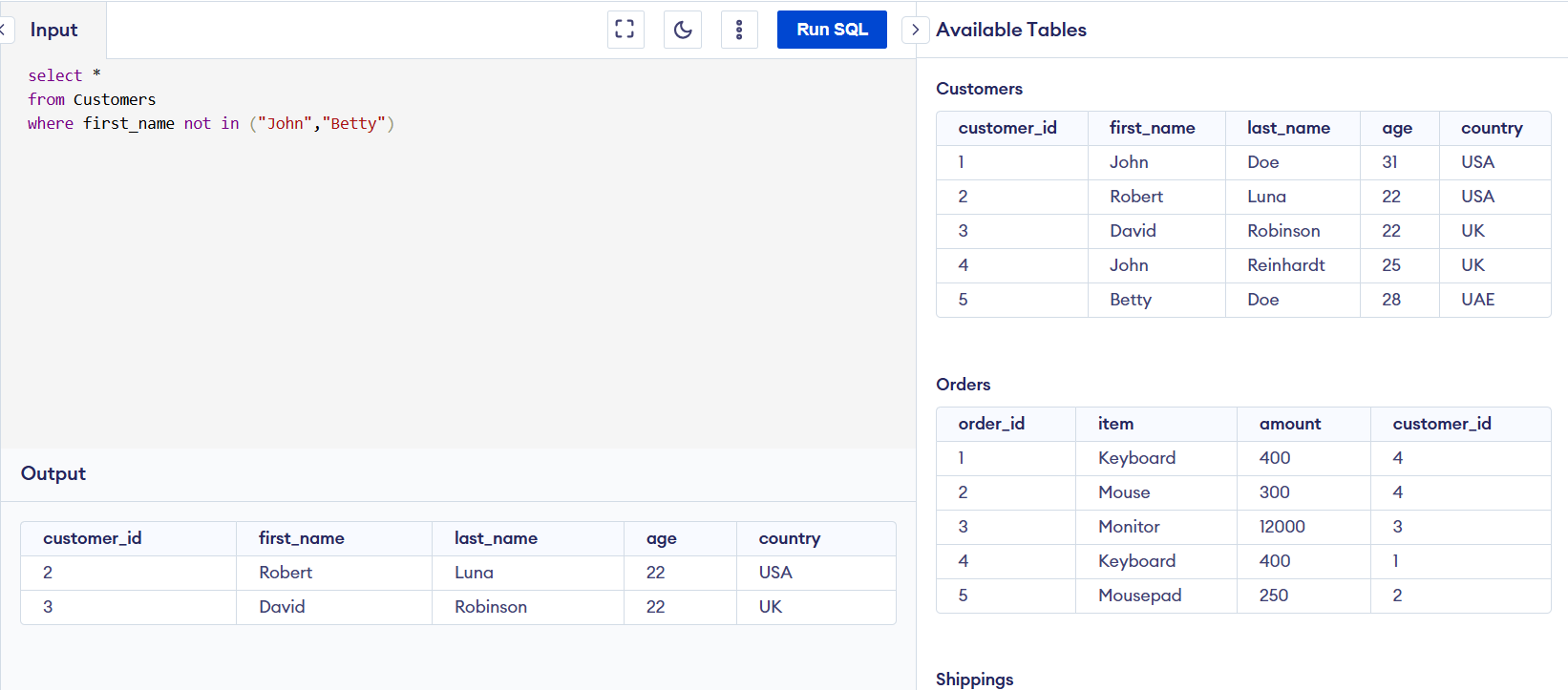
1. Not in

Syntax:

Select \*

From table\_name

Where column\_name not in (value1,value2)



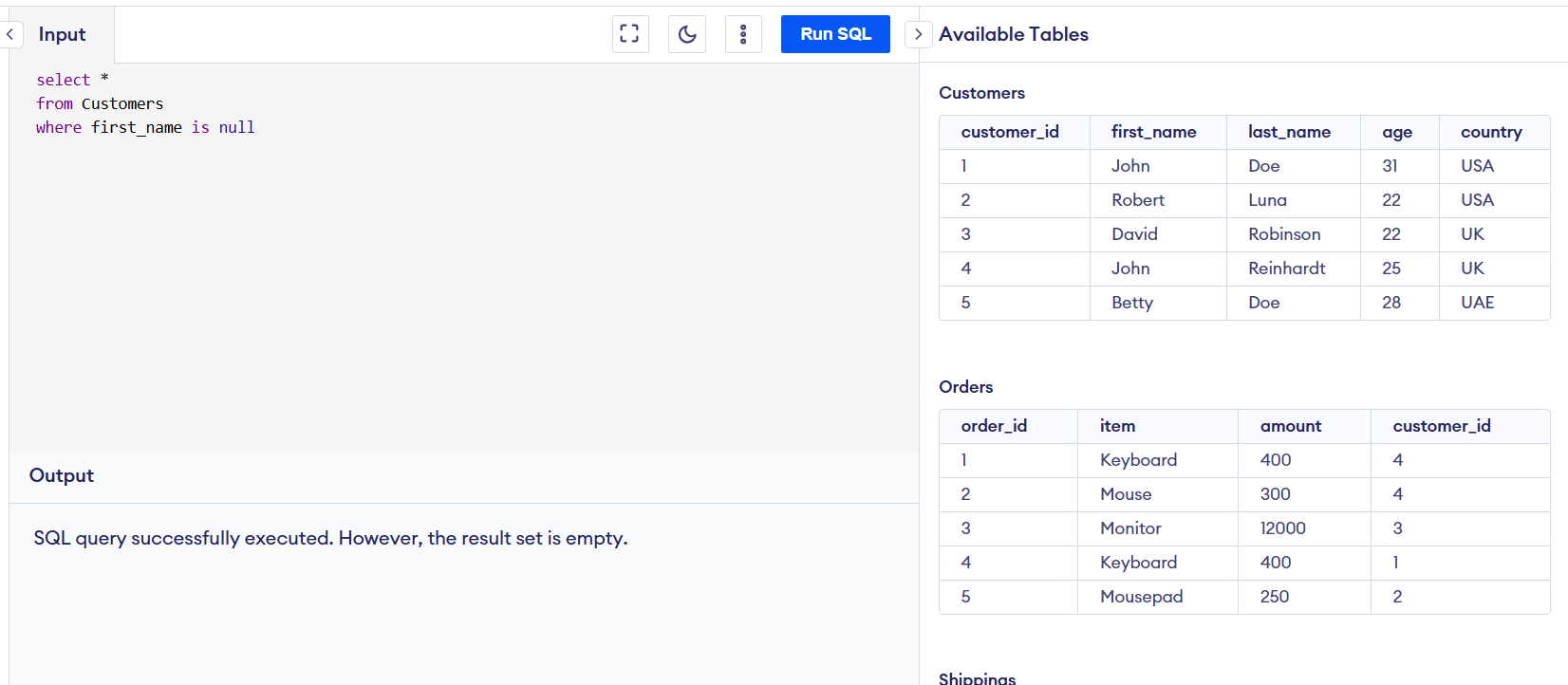
1. Is null

Syntax:

Select \*

From table\_name

Where column\_name is null



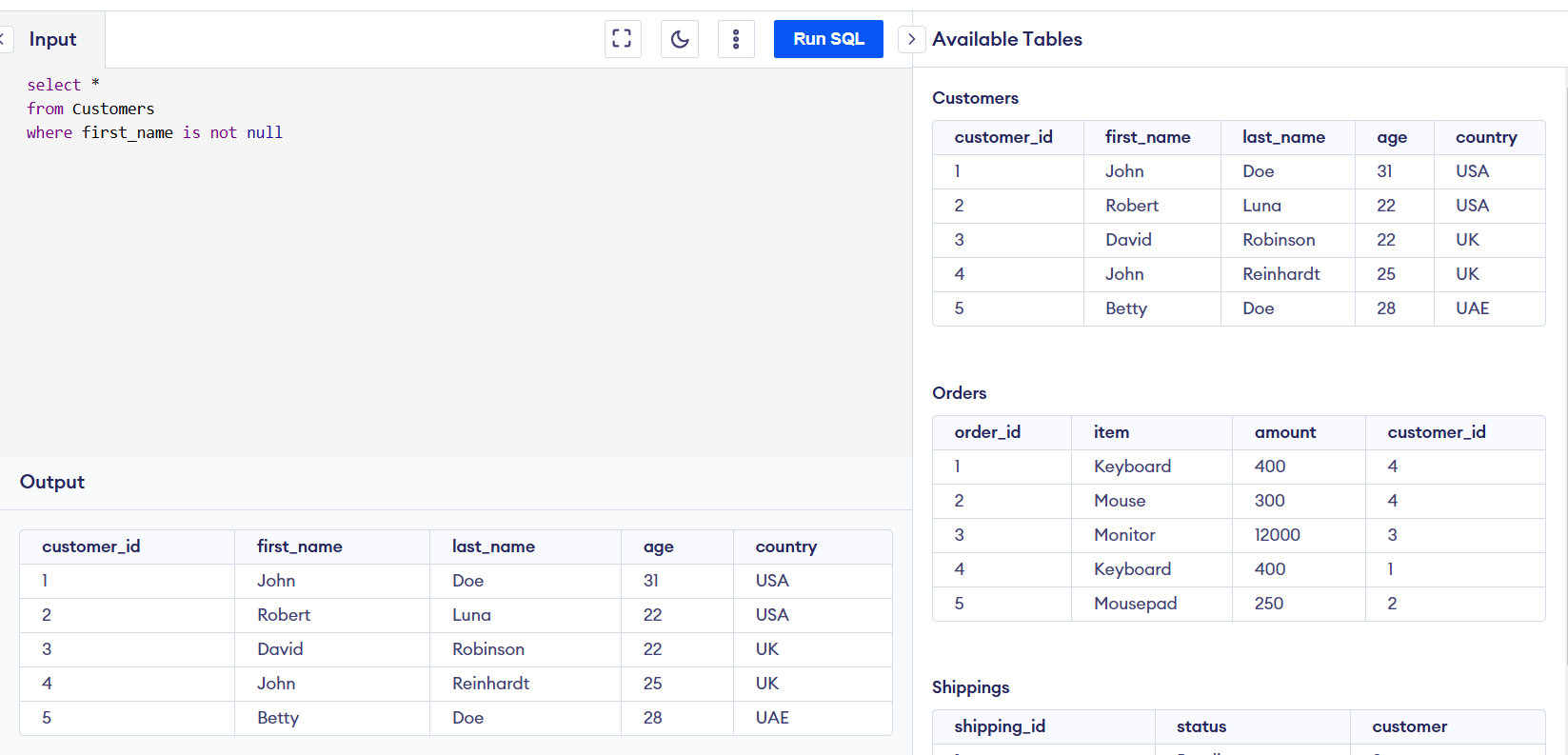
1. Is not null

Syntax:

Select \*

From table\_name

Where column\_name is not null



1. Like

Syntax:

Select \*

From table\_name

Wher column\_name like “M%”

