

# Symmetric Pairs

You are given a table, *Functions*, containing two columns:  $X$  and  $Y$ .

Column	Type
$X$	Integer
$Y$	Integer

Two pairs  $(X_1, Y_1)$  and  $(X_2, Y_2)$  are said to be *symmetric pairs* if  $X_1 = Y_2$  and  $X_2 = Y_1$ .

Write a query to output all such *symmetric pairs* in ascending order by the value of  $X$ . List the rows such that  $X_1 \leq Y_1$ .

## Sample Input

$X$	$Y$
20	20
20	20
20	21
23	22
22	23
21	20

## Sample Output

```
20 20
20 21
22 23
```