Symmetric Pairs

You are given a table, *Functions*, containing two columns: *X* and *Y*. *Y* is the value of some function *F* at *X* -- i.e. *Y* = *F(X)*.

Column	Type
X	Integer
Y	Integer

Two pairs *(X₁, Y₁)* and *(X₂, Y₂)* 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*.

Sample Input

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

Sample Output

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