Bài 8.Cặp số nguyên tố cùng nhau.

Hãy liệt kê các cặp số nguyên tố cùng nhau và có giá trị khác nhau trong đoạn [a,b] theo thứ tự từ nhỏ đến lớn.

Input Format

Chỉ có một dòng ghi hai số a, b.(2<=a<=b<=1000).

Constraints

.

Output Format

Các cặp số i,j thỏa mãn được viết lần lượt trên từng dòng theo định dạng (i,j), theo thứ tự từ điển.

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