

✔ Buổi 07_01 - 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 ($2 \leq a \leq b \leq 1000$).

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.

Ví dụ:

Dữ liệu vào:

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Dữ liệu ra:

Dữ liệu ra:

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(4,9)		(6,17)	(7,26)	(8,31)
(4,11)	(5,16)	(6,19)	(7,27)	(8,33)
(4,13)	(5,17)	(6,23)	(7,29)	(8,35)
(4,15)	(5,18)	(6,25)	(7,30)	(8,37)
(4,17)	(5,19)	(6,29)	(7,31)	(8,39)
(4,19)	(5,21)	(6,31)	(7,32)	(9,10)
(4,21)	(5,22)	(6,35)	(7,33)	(9,11)
(4,23)	(5,23)	(6,37)	(7,34)	(9,13)
(4,25)	(5,24)	(7,8)	(7,36)	(9,14)
(4,27)	(5,26)	(7,9)	(7,37)	(9,16)
(4,29)	(5,27)	(7,10)	(7,38)	(9,17)
(4,31)	(5,28)	(7,11)	(7,39)	(9,19)
(4,33)	(5,29)	(7,12)	(7,40)	(9,20)
(4,35)	(5,31)	(7,13)	(8,9)	(9,22)
(4,37)	(5,32)	(7,15)	(8,11)	(9,23)
(4,39)	(5,33)	(7,16)	(8,13)	(9,25)
(5,6)	(5,34)	(7,17)	(8,15)	(9,26)
(5,7)	(5,36)	(7,18)	(8,17)	(9,28)
(5,8)	(5,37)	(7,19)	(8,19)	(9,29)
(5,9)	(5,38)	(7,20)	(8,21)	(9,31)
(5,11)	(5,39)	(7,22)	(8,23)	(9,32)
(5,12)	(6,7)	(7,23)	(8,25)	(9,34)
(5,13)	(6,11)	(7,24)	(8,27)	(9,35)
(5,14)	(6,13)	(7,25)	(8,29)	(9,37)

(9,38)		(12,19)	(13,31)	(15,23)	(17,21)
(9,40)		(12,23)	(13,32)	(15,26)	(17,22)
(10,11)		(12,25)	(13,33)	(15,28)	(17,23)
(10,13)		(12,29)	(13,34)	(15,29)	(17,24)
(10,17)		(12,31)	(13,35)	(15,31)	(17,25)
(10,19)	(11,23)	(12,35)	(13,36)	(15,32)	(17,26)
(10,21)	(11,24)	(12,37)	(13,37)	(15,34)	(17,27)
(10,23)	(11,25)	(13,14)	(13,38)	(15,37)	(17,28)
(10,27)	(11,26)	(13,15)	(13,40)	(15,38)	(17,29)
(10,29)	(11,27)	(13,16)	(14,15)	(16,17)	(17,30)
(10,31)	(11,28)	(13,17)	(14,17)	(16,19)	(17,31)
(10,33)	(11,29)	(13,18)	(14,19)	(16,21)	(17,32)
(10,37)	(11,30)	(13,19)	(14,23)	(16,23)	(17,33)
(10,39)	(11,31)	(13,20)	(14,25)	(16,25)	(17,35)
(11,12)	(11,32)	(13,21)	(14,27)	(16,27)	(17,36)
(11,13)	(11,34)	(13,22)	(14,29)	(16,29)	(17,37)
(11,14)	(11,35)	(13,23)	(14,31)	(16,31)	(17,38)
(11,15)	(11,36)	(13,24)	(14,33)	(16,33)	(17,39)
(11,16)	(11,37)	(13,25)	(14,37)	(16,35)	(17,40)
(11,17)	(11,38)	(13,27)	(14,39)	(16,37)	(18,19)
(11,18)	(11,39)	(13,28)	(15,16)	(16,39)	(18,23)
(11,19)	(11,40)	(13,29)	(15,17)	(17,18)	(18,25)
(11,20)	(12,13)	(13,30)	(15,19)	(17,19)	(18,29)
(11,21)	(12,17)	(13,31)	(15,22)	(17,20)	(18,31)

(18,35)	(20,27)		(25,26)	(27,37)	(31,35)	
(18,37)	(20,29)	(22,39)	(25,27)	(27,38)	(31,36)	
(19,20)	(20,31)	(23,24)	(25,28)	(27,40)	(31,37)	
(19,21)	(20,33)	(23,25)	(25,29)	(28,29)	(31,38)	
(19,22)	(20,37)	(23,26)	(25,31)	(28,31)	(31,39)	
(19,23)	(20,39)	(23,27)	(25,32)	(28,33)	(31,40)	
(19,24)	(21,22)	(23,28)	(25,33)	(28,37)	(32,33)	
(19,25)	(21,23)	(23,29)	(25,34)	(28,39)	(32,35)	
(19,26)	(21,25)	(23,30)	(25,36)	(29,30)	(32,37)	
(19,27)	(21,26)	(23,31)	(25,37)	(29,31)	(32,39)	
(19,28)	(21,29)	(23,32)	(25,38)	(29,32)	(33,34)	
(19,29)	(21,31)	(23,33)	(25,39)	(29,33)	(33,35)	
(19,30)	(21,32)	(23,34)	(26,27)	(29,34)	(33,37)	
(19,31)	(21,34)	(23,35)	(26,29)	(29,35)	(33,38)	
(19,32)	(21,37)	(23,36)	(26,31)	(29,36)	(33,40)	
(19,33)	(21,38)	(23,37)	(26,33)	(29,37)	(34,35)	
(19,34)	(21,40)	(23,38)	(26,35)	(29,38)	(34,37)	
(19,35)	(22,23)	(23,39)	(26,37)	(29,39)	(34,39)	
(19,36)	(22,25)	(23,40)	(27,28)	(29,40)	(35,36)	
(19,37)	(22,27)	(24,25)	(27,29)	(30,31)	(35,37)	(37,39)
(19,39)	(22,29)	(24,29)	(27,31)	(30,37)	(35,38)	(37,40)
(19,40)	(22,31)	(24,31)	(27,32)	(31,32)	(35,39)	(38,39)
(20,21)	(22,35)	(24,35)	(27,34)	(31,33)	(36,37)	(39,40)
(20,23)	(22,37)	(24,37)	(27,35)	(31,34)	(37,38)	