

K - Twin Primes

Wikipedia says: *A twin prime is a prime number that differs from another prime number by two. Except for the pair (2, 3), this is the smallest possible difference between two primes. Some examples of twin prime pairs are (3, 5), (5, 7), (11, 13), (17, 19), (29, 31), (41, 43),...*

Write a program that generates the first 15 pairs of twin primes, beginning with (3,5). Display the pairs in reverse order, so the last pair to be displayed will be (3,5).

Input: None

Output

Display each pair of values on a separate line, surrounded by parentheses and separated by a comma. Examples are:

(17,19)

(11,13)