

```

[> # "
[> # okay
[> for a from 2 to 4 do
  for b from 2 to 3 do
    d := ab + ba :
    e := ifactor(d);
    printf("%g %g %g      ", a, b, d);
  end do;
end do;
2 2 8          2 3 17          3 2 17
          3 3 54          4 2 32          4 3
145
[> # this is okay
[> # Matt Anderson
[> # 10 - 28 - 2016
[> e
(2)5 (1)
[> d
32 (2)
[> # See Wikipedia article - https://en.wikipedia.org/wiki/Leyland\_number
[> # Just so you know, Leyland numbers are integers of the form ab + ba where a
and b are also integers.
[> # How can I use Maple to list the first 10 Leyland numbers that are also prime numbers?
[> # Matt
[> # Also, is there an entry in the Online Encyclopedia of Integer Sequences? (oeis.org)
[> # Careful inspection of this Encyclopedia reveals that the answer is -
[> 17, 593, 32993, 2097593, 8589935681, 59604644783353249,
523347633027360537213687137, 43143988327398957279342419750374600193, ..
(sequence A094133 in the OEIS)
17, 593, 32993, 2097593, 8589935681, 59604644783353249, (3)
523347633027360537213687137, 43143988327398957279342419750374600193, ( )
..(sequence A094133 ∈ the OEIS)
[> # girnz ·
[>

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