

Problem Statement

From [The Weekly Challenge - 170 Task #1](#) Primorial Numbers retrieved on 2022-06-26 at 13:43-04:

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Write a script to generate first 10 Primorial Numbers.

Primorial numbers are those formed by multiplying successive prime numbers.

For example,

```
P(0) = 1 (1)
P(1) = 2 (1 x 2)
P(2) = 6 (1 x 2 x 3)
P(3) = 30 (1 x 2 x 3 x 5)
P(4) = 210 (1 x 2 x 3 x 5 x 7)
```

Raku Solution

```
# Use version 6.d of the Raku language.
use v6.d;

my $n = 10;

# Let p be 1 followed by prime numbers for n total numbers.
my @p = (1..*).*grep({$_ == 1 || .is-prime}).head($n);

# Do the element multiplications.
@p[$_] = @p[$_-1] * @p[$_] for (2..9);

@p.say;
```