Programmatically-generated LATEX Sieve of Eratosthenes

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1 Background

See https://github.com/iank/latex-hacks/blob/master/sieve/sieve.tex for source code. This IATEXcode implements a http://en.wikipedia.org/wiki/Sieve_of_Eratosthenes using:

- \forloop (package: forloop)
- \ifthenelse (package: ifthen)
- package intcalc
- An "array" constructed by using indices in macro names http://tex. stackexchange.com/questions/37426/create-an-array-of-variables.

2 Blank sieve

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61	62	63	64	65	66	67	68	69	70
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4 Marking multiples of p = 3

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7 Marking multiples of p = 11

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8 Marking multiples of p = 13

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10 Marking multiples of p = 19

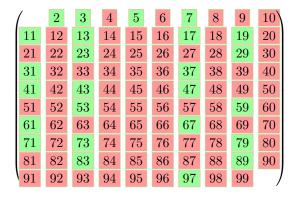
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13 Marking multiples of p = 31

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16 Marking multiples of p = 43

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19 Marking multiples of p = 59

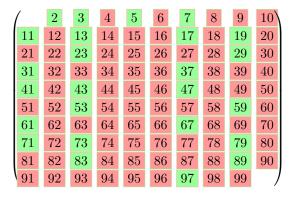
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20 Marking multiples of p = 61

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22 Marking multiples of p = 71

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