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Part 1
CA_GENERATION: 0 CA_INIT: 0 CA_RULE: 90 CA_WIDTH: 100 CA_GENERATIONS: 30
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CA_GENERATION: 1 CA_INIT: 0 CA_RULE: 90 CA_WIDTH: 100 CA_GENERATIONS: 30
[~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~^~^~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~
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CA_GENERATION: 2 CA_INIT: 0 CA_RULE: 90 CA_WIDTH: 100 CA_GENERATIONS: 30
[~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~^~~~^~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~
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CA_GENERATION: 3 CA_INIT: 0 CA_RULE: 90 CA_WIDTH: 100 CA_GENERATIONS: 30
[~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~^~^~^~^~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~
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CA_GENERATION: 4 CA_INIT: 0 CA_RULE: 90 CA_WIDTH: 100 CA_GENERATIONS: 30
[~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~^~~~~~~~~^~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~
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CA_GENERATION: 5 CA_INIT: 0 CA_RULE: 90 CA_WIDTH: 100 CA_GENERATIONS: 30
[~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~^~^~~~~~~~^~^~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~
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CA_GENERATION: 6 CA_INIT: 0 CA_RULE: 90 CA_WIDTH: 100 CA_GENERATIONS: 30
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CA_GENERATION: 7 CA_INIT: 0 CA_RULE: 90 CA_WIDTH: 100 CA_GENERATIONS: 30
[~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~^~^~^~^~~^~^~^~^~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~
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CA_GENERATION: 8 CA_INIT: 0 CA_RULE: 90 CA_WIDTH: 100 CA_GENERATIONS: 30
[~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~^~~~~~~~~~~~~~~~~^~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~
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CA_GENERATION: 9 CA_INIT: 0 CA_RULE: 90 CA_WIDTH: 100 CA_GENERATIONS: 30
[~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~^~^~~~~~~~~~~~~~~~^~^~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~
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CA_GENERATION: 10 CA_INIT: 0 CA_RULE: 90 CA_WIDTH: 100 CA_GENERATIONS: 30
[~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~^~~~^~~~~~~~~~~~~^~~~~^~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~
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CA_GENERATION: 11 CA_INIT: 0 CA_RULE: 90 CA_WIDTH: 100 CA_GENERATIONS: 30
[~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~^~^~^~^~~~~~~~~~~^~^~^~^~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~
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CA_GENERATION: 12 CA_INIT: 0 CA_RULE: 90 CA_WIDTH: 100 CA_GENERATIONS: 30
[~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~^~~~~~~~~^~~~~~~~~^~~~~~~~~^~~~~~~~~~~~~~~~~~~~~~~~~~~~
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CA_GENERATION: 13 CA_INIT: 0 CA_RULE: 90 CA_WIDTH: 100 CA_GENERATIONS: 30
[~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~^~^~~~~~~~^~^~~~~~~~^~^~~~~~~~^~^~~~~~~~~~~~~~~~~~~~~~~~
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CA_GENERATION: 14 CA_INIT: 0 CA_RULE: 90 CA_WIDTH: 100 CA_GENERATIONS: 30
[~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~^~~~^~~~~^~~~~^~~~~^~~~~^~~~~^~~~~^~~~~~~~~~~~~~~~~~~~~~~
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CA_GENERATION: 15 CA_INIT: 0 CA_RULE: 90 CA_WIDTH: 100 CA_GENERATIONS: 30
[~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~^~^~^~^~^~^~^~^~^~^~^~^~^~^~^~^~~~~~~~~~~~~~~~~~~~~~~~~~~~
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CA_GENERATION: 16 CA_INIT: 0 CA_RULE: 90 CA_WIDTH: 100 CA_GENERATIONS: 30
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CA_GENERATION: 17 CA_INIT: 0 CA_RULE: 90 CA_WIDTH: 100 CA_GENERATIONS: 30
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CA_GENERATION: 18 CA_INIT: 0 CA_RULE: 90 CA_WIDTH: 100 CA_GENERATIONS: 30
[~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~^~~~~^~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~^~~~~^~~~~~~~~~~~~~~~
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CA_GENERATION: 19 CA_INIT: 0 CA_RULE: 90 CA_WIDTH: 100 CA_GENERATIONS: 30
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CA_GENERATION: 20 CA_INIT: 0 CA_RULE: 90 CA_WIDTH: 100 CA_GENERATIONS: 30
[~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~^~~~~~~~~^~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~^~~~~~~~~^~~~~~~~~~
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CA_GENERATION: 21 CA_INIT: 0 CA_RULE: 90 CA_WIDTH: 100 CA_GENERATIONS: 30
[~~~~~~~~~~~~~~~~~~~~~~~~~~~~~^~^~~~~~~~^~^~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~^~^~~~~~~~^~^~~~~~~~~
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CA_GENERATION: 22 CA_INIT: 0 CA_RULE: 90 CA_WIDTH: 100 CA_GENERATIONS: 30
[~~~~~~~~~~~~~~~~~~~~~~~~~~~~^~~~~^~~~~^~~~~^~~~~~~~~~~~~~~~~~~~~~~~~~~~~^~~~~^~~~~^~~~~^~~~~~
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48  CA_GENERATION: 23 CA_INIT: 0 CA_RULE: 90 CA_WIDTH: 100 CA_GENERATIONS: 30
49  [~~~~~~~~~~~~~~~~~~~~~~~~~~~~~^~^~^~^~^~^~^~^~^~~~~~~~~~~~~~~~~~~~~^~^~^~^~^~^~^~^~^~~~~~~~~~~~~~~~
       ~~~~~~~~~~~]
50  CA_GENERATION: 24 CA_INIT: 0 CA_RULE: 90 CA_WIDTH: 100 CA_GENERATIONS: 30
51  [~~~~~~~~~~~~~~~~~~~~~~~~~~~^~~~~~~~~~~~~~~~~^~~~~~~~~~~~~~~~~^~~~~~~~~~~~~~~~~^~~~~~~~~~~~~~~~
       ~~~~~~~~~~~]
52  CA_GENERATION: 25 CA_INIT: 0 CA_RULE: 90 CA_WIDTH: 100 CA_GENERATIONS: 30
53  [~~~~~~~~~~~~~~~~~~~~~~~~~~^~^~~~~~~~~~~~~~~~^~^~~~~~~~~~~~~~~~^~^~~~~~~~~~~~~~~~^~^~~~~~~~~~~~~~~
       ~~~~~~~~~~~]
54  CA_GENERATION: 26 CA_INIT: 0 CA_RULE: 90 CA_WIDTH: 100 CA_GENERATIONS: 30
55  [~~~~~~~~~~~~~~~~~~~~~~~~~^~~~^~~~~~~~~~~~~~~^~~~^~~~~~~~~~~~~~~^~~~^~~~~~~~~~~~~~~^~~~^~~~~~~~~~~~~~
       ~~~~~~~~~~~]
56  CA_GENERATION: 27 CA_INIT: 0 CA_RULE: 90 CA_WIDTH: 100 CA_GENERATIONS: 30
57  [~~~~~~~~~~~~~~~~~~~~~~~~^~^~^~^~~~~~~~~~~~~^~^~^~^~~~~~~~~~~~~~^~^~^~^~~~~~~~~~~~~^~^~^~^~~~~~~~~~~~~
       ~~~~~~~~~~~]
58  CA_GENERATION: 28 CA_INIT: 0 CA_RULE: 90 CA_WIDTH: 100 CA_GENERATIONS: 30
59  [~~~~~~~~~~~~~~~~~~~~~~~^~~~~~~~~^~~~~~~~~^~~~~~~~~^~~~~~~~~^~~~~~~~~^~~~~~~~~^~~~~~~~~^~~~~~~~~~
       ~~~~~~~~~~~]
60  CA_GENERATION: 29 CA_INIT: 0 CA_RULE: 90 CA_WIDTH: 100 CA_GENERATIONS: 30
61  [~~~~~~~~~~~~~~~~~~~~~~^~^~^~~~~~~^~^~~~~~~^~^~~~~~~^~^~~~~~~^~^~~~~~~^~^~~~~~~^~^~~~~~~^~^~~~~~~~~
       ~~~~~~~~~~~]
62  CA_GENERATION: 30 CA_INIT: 0 CA_RULE: 90 CA_WIDTH: 100 CA_GENERATIONS: 30
63  [~~~~~~~~~~~~~~~~~~~~~^~~~^~~~^~~~^~~~^~~~^~~~^~~~^~~~^~~~^~~~^~~~^~~~^~~~^~~~^~~~^~~~^~~~^~~~~~~~~~
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67  ~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~
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70               /~~~~~~~~\                                    _
71       ##\__/ @)       ~~~~~~~~\                          \ \ ) )
72       |              /~~\~~~~~                    ((      |   \
73        \     /           |                             /    |
74         (~~~    /           _____/~~~~~~~~~~~~    /
75          ~~~~|~                                         /
76            :                                           |
77             \                                          |
78             |                                /      \
79              \   \_         :           \      /~~~\    |
80               /    :~~~~~|    :~~~~~~~~~~|    :      :    :
81              /     :    /     :          /     :    /     :
82           (~~~      ) (~~~      )      (~~~      ) (~~~      )
83            ~~~~~~~~   ~~~~~~~~      ~~~~~~~~   ~~~~~~~~
84             STOMP       STOMP          STOMP      STOMP
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86
87  ~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~
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89
90
91  Part 2
92  CA_GENERATION: 0 CA_INIT: 0 CA_RULE: 90 CA_WIDTH: 100 CA_GENERATIONS: 100
93  [~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~^~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~
       ~~~~~~~~~~~]
94  CA_GENERATION: 1 CA_INIT: 0 CA_RULE: 90 CA_WIDTH: 100 CA_GENERATIONS: 100
95  [~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~^~^~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~
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96  CA_GENERATION: 2 CA_INIT: 0 CA_RULE: 90 CA_WIDTH: 100 CA_GENERATIONS: 100
97  [~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~^~~~~^~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~
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98  CA_GENERATION: 3 CA_INIT: 0 CA_RULE: 90 CA_WIDTH: 100 CA_GENERATIONS: 100
99  [~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~^~^~^~^~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~
       ~~~~~~~~~~~]
100 CA_GENERATION: 4 CA_INIT: 0 CA_RULE: 90 CA_WIDTH: 100 CA_GENERATIONS: 100
101 [~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~^~~~~~~~~^~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~
       ~~~~~~~~~~~]
102 CA_GENERATION: 5 CA_INIT: 0 CA_RULE: 90 CA_WIDTH: 100 CA_GENERATIONS: 100
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103  [~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~^~^~^~~~~~^~^~^~~~~~~~~~~~~~~~~~~~~~~~~~~
     ~~~~~~~~~~~~]
104  CA_GENERATION: 6 CA_INIT: 0 CA_RULE: 90 CA_WIDTH: 100 CA_GENERATIONS: 100
105  [~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~^~~~~^~~~~^~~~~^~~~~~~~~~~~~~~~~~~~~~~~~~~~~~
     ~~~~~~~~~~~~]
106  CA_GENERATION: 7 CA_INIT: 0 CA_RULE: 90 CA_WIDTH: 100 CA_GENERATIONS: 100
107  [~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~^~^~^~^~^~^~^~^~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~
     ~~~~~~~~~~~~]
108  CA_GENERATION: 8 CA_INIT: 0 CA_RULE: 90 CA_WIDTH: 100 CA_GENERATIONS: 100
109  [~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~^~~~~~~~~~~~~~~~~~~~^~~~~~~~~~~~~~~~~~~~~~~~~~~~~~
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110  CA_GENERATION: 9 CA_INIT: 0 CA_RULE: 90 CA_WIDTH: 100 CA_GENERATIONS: 100
111  [~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~^~^~^~~~~~~~~~~~~~^~^~^~~~~~~~~~~~~~~~~~~~~~~~~~~~~~
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112  CA_GENERATION: 10 CA_INIT: 0 CA_RULE: 90 CA_WIDTH: 100 CA_GENERATIONS: 100
113  [~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~^~~~~^~~~~~~~~~~~~^~~~~^~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~
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114  CA_GENERATION: 11 CA_INIT: 0 CA_RULE: 90 CA_WIDTH: 100 CA_GENERATIONS: 100
115  [~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~^~^~^~^~^~~~~~~~~~~^~^~^~^~^~~~~~~~~~~~~~~~~~~~~~~~~~~~~~
     ~~~~~~~~~~~~]
116  CA_GENERATION: 12 CA_INIT: 0 CA_RULE: 90 CA_WIDTH: 100 CA_GENERATIONS: 100
117  [~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~^~~~~~~~^~~~~~~~~^~~~~~~~^~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~
     ~~~~~~~~~~~~]
118  CA_GENERATION: 13 CA_INIT: 0 CA_RULE: 90 CA_WIDTH: 100 CA_GENERATIONS: 100
119  [~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~^~~^~~~~~~^~~^~~~~~~^~~^~~~~~~^~~^~~~~~~~~~~~~~~~~~~~~~~~~~~~~
     ~~~~~~~~~~~~]
120  CA_GENERATION: 14 CA_INIT: 0 CA_RULE: 90 CA_WIDTH: 100 CA_GENERATIONS: 100
121  [~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~^~~~~^~~~~^~~~~^~~~~^~~~~^~~~~^~~~~^~~~~~~~~~~~~~~~~~~~~~~~~~~~
     ~~~~~~~~~~~~]
122  CA_GENERATION: 15 CA_INIT: 0 CA_RULE: 90 CA_WIDTH: 100 CA_GENERATIONS: 100
123  [~~~~~~~~~~~~~~~~~~~~~~~~~~~~~^~^~^~^~^~^~^~^~^~^~^~^~^~^~^~^~^~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~
     ~~~~~~~~~~~~]
124  CA_GENERATION: 16 CA_INIT: 0 CA_RULE: 90 CA_WIDTH: 100 CA_GENERATIONS: 100
125  [~~~~~~~~~~~~~~~~~~~~~~~~~~~~^~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~^~~~~~~~~~~~~~~~~~~~~~~~~~~
     ~~~~~~~~~~~~]
126  CA_GENERATION: 17 CA_INIT: 0 CA_RULE: 90 CA_WIDTH: 100 CA_GENERATIONS: 100
127  [~~~~~~~~~~~~~~~~~~~~~~~~~~~^~^~^~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~^~^~^~~~~~~~~~~~~~~~~~~~~~~~~~
     ~~~~~~~~~~~~]
128  CA_GENERATION: 18 CA_INIT: 0 CA_RULE: 90 CA_WIDTH: 100 CA_GENERATIONS: 100
129  [~~~~~~~~~~~~~~~~~~~~~~~~~~^~~~~^~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~^~~~~^~~~~~~~~~~~~~~~~~~~~~~~~
     ~~~~~~~~~~~~]
130  CA_GENERATION: 19 CA_INIT: 0 CA_RULE: 90 CA_WIDTH: 100 CA_GENERATIONS: 100
131  [~~~~~~~~~~~~~~~~~~~~~~~~~^~^~^~^~^~~~~~~~~~~~~~~~~~~~~~~~~~~~~~^~^~^~^~^~~~~~~~~~~~~~~~~~~~~~~
     ~~~~~~~~~~~~]
132  CA_GENERATION: 20 CA_INIT: 0 CA_RULE: 90 CA_WIDTH: 100 CA_GENERATIONS: 100
133  [~~~~~~~~~~~~~~~~~~~~~~~~^~~~~~~~^~~~~~~~~~~~~~~~~~~~~~~~~~~~~^~~~~~~~^~~~~~~~~~~~~~~~~~~~~~~~~
     ~~~~~~~~~~~~]
134  CA_GENERATION: 21 CA_INIT: 0 CA_RULE: 90 CA_WIDTH: 100 CA_GENERATIONS: 100
135  [~~~~~~~~~~~~~~~~~~~~~~~~^~^~~~~~~~^~~^~~~~~~~~~~~~~~~~~~~~~~^~~~~~~~^~^~~~~~~~~~~~~~~~~~~~~~~~
     ~~~~~~~~~~~~]
136  CA_GENERATION: 22 CA_INIT: 0 CA_RULE: 90 CA_WIDTH: 100 CA_GENERATIONS: 100
137  [~~~~~~~~~~~~~~~~~~~~~~~^~~~~^~~~~^~~~^~~~~~~~~~~~~~~~~~~~~~^~~~~^~~~^~~~~^~~~~~~~~~~~~~~~~~~~~
     ~~~~~~~~~~~~]
138  CA_GENERATION: 23 CA_INIT: 0 CA_RULE: 90 CA_WIDTH: 100 CA_GENERATIONS: 100
139  [~~~~~~~~~~~~~~~~~~~~~~^~~^~~^~~^~~^~~^~~^~~~~~~~~~~~~~~~~~~^~~^~~^~~^~~^~~^~~^~~~~~~~~~~~~~~~~
     ~~~~~~~~~~~~]
140  CA_GENERATION: 24 CA_INIT: 0 CA_RULE: 90 CA_WIDTH: 100 CA_GENERATIONS: 100
141  [~~~~~~~~~~~~~~~~~~~~~~^~~~~~~~~~~~~~~~^~~~~~~~~~~~~~~~~^~~~~~~~~~~~~~~~~~^~~~~~~~~~~~~~~~~~~~~
     ~~~~~~~~~~~~]
142  CA_GENERATION: 25 CA_INIT: 0 CA_RULE: 90 CA_WIDTH: 100 CA_GENERATIONS: 100
143  [~~~~~~~~~~~~~~~~~~~~~^~~^~~~~~~~~~~~~~^~~^~~~~~~~~~~~~~^~~^~~~~~~~~~~~~~^~~^~~~~~~~~~~~~~~~~~~
     ~~~~~~~~~~~~]
144  CA_GENERATION: 26 CA_INIT: 0 CA_RULE: 90 CA_WIDTH: 100 CA_GENERATIONS: 100
145  [~~~~~~~~~~~~~~~~~~~~^~~~~^~~~~~~~~~~~~^~~~~^~~~~~~~~~~~^~~~~^~~~~~~~~~~~^~~~~^~~~~~~~~~~~~~~~~
     ~~~~~~~~~~~~]
146  CA_GENERATION: 27 CA_INIT: 0 CA_RULE: 90 CA_WIDTH: 100 CA_GENERATIONS: 100
147  [~~~~~~~~~~~~~~~~~~~^~^~^~^~^~~~~~~~~~~~^~^~^~^~^~~~~~~~~~~^~^~^~^~^~~~~~~~~~~^~^~^~^~^~~~~~~~~
     ~~~~~~~~~~~~]
148  CA_GENERATION: 28 CA_INIT: 0 CA_RULE: 90 CA_WIDTH: 100 CA_GENERATIONS: 100
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149  [~~~~~~~~~~~~~~~~~~~~~~~~^~~~~~~~~^~~~~~~~^~~~~~~~^~~~~~~~^~~~~~~~^~~~~~~~^~~~~~~~^~~~~~~~^~~~~~~~
     ~~~~~~~~~~~~~]
150  CA_GENERATION: 29 CA_INIT: 0 CA_RULE: 90 CA_WIDTH: 100 CA_GENERATIONS: 100
151  [~~~~~~~~~~~~~~~~~~~~~~~^~^~~~~~~^~^~~~~~~^~^~~~~~~^~^~~~~~~^~^~~~~~~^~^~~~~~~^~^~~~~~~^~^~~~~~~~
     ~~~~~~~~~~~~~]
152  CA_GENERATION: 30 CA_INIT: 0 CA_RULE: 90 CA_WIDTH: 100 CA_GENERATIONS: 100
153  [~~~~~~~~~~~~~~~~~~~~~~^~~~^~~~~^~~~^~~~~^~~~^~~~~^~~~^~~~~^~~~^~~~~^~~~^~~~~^~~~^~~~~^~~~^~~~~~~
     ~~~~~~~~~~~~~]
154  CA_GENERATION: 31 CA_INIT: 0 CA_RULE: 90 CA_WIDTH: 100 CA_GENERATIONS: 100
155  [~~~~~~~~~~~~~~~~~~~~~^~^~^~^~^~^~^~^~^~^~^~^~^~^~^~^~^~^~^~^~^~^~^~^~^~^~^~^~^~^~^~^~^~^~~~~~~~~
     ~~~~~~~~~~~~~]
156  CA_GENERATION: 32 CA_INIT: 0 CA_RULE: 90 CA_WIDTH: 100 CA_GENERATIONS: 100
157  [~~~~~~~~~~~~~~~~~~~~^~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~^~~~~~~
     ~~~~~~~~~~~~~]
158  CA_GENERATION: 33 CA_INIT: 0 CA_RULE: 90 CA_WIDTH: 100 CA_GENERATIONS: 100
159  [~~~~~~~~~~~~~~~~~~~^~~^~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~^~~^~~~~~
     ~~~~~~~~~~~~~]
160  CA_GENERATION: 34 CA_INIT: 0 CA_RULE: 90 CA_WIDTH: 100 CA_GENERATIONS: 100
161  [~~~~~~~~~~~~~~~~~~^~~~~^~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~^~~~~^~~~~
     ~~~~~~~~~~~~~]
162  CA_GENERATION: 35 CA_INIT: 0 CA_RULE: 90 CA_WIDTH: 100 CA_GENERATIONS: 100
163  [~~~~~~~~~~~~~~~~~^~^~^~^~^~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~^~^~^~^~^~~
     ~~~~~~~~~~~~~]
164  CA_GENERATION: 36 CA_INIT: 0 CA_RULE: 90 CA_WIDTH: 100 CA_GENERATIONS: 100
165  [~~~~~~~~~~~~~~~~^~~~~~~~^~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~^~~~~~~~^~~
     ~~~~~~~~~~~~~]
166  CA_GENERATION: 37 CA_INIT: 0 CA_RULE: 90 CA_WIDTH: 100 CA_GENERATIONS: 100
167  [~~~~~~~~~~~~~~~^~^~^~~~~~~~^~^~^~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~^~^~~~~~~~^~~^
     ~~~~~~~~~~~~~]
168  CA_GENERATION: 38 CA_INIT: 0 CA_RULE: 90 CA_WIDTH: 100 CA_GENERATIONS: 100
169  [~~~~~~~~~~~~~~^~~~~^~~~~^~~~~^~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~^~~~~^~~~~^~~~~
     ^~~~~~~~~~~~~]
170  CA_GENERATION: 39 CA_INIT: 0 CA_RULE: 90 CA_WIDTH: 100 CA_GENERATIONS: 100
171  [~~~~~~~~~~~~~^~^~^~^~^~^~^~^~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~^~^~^~^~^~^~^~^~^
     ~^~~~~~~~~~~~]
172  CA_GENERATION: 40 CA_INIT: 0 CA_RULE: 90 CA_WIDTH: 100 CA_GENERATIONS: 100
173  [~~~~~~~~~~~^~~~~~~~~~~~~~~~^~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~^~~~~~~~~~~~~~~~~
     ~~^~~~~~~~~~~]
174  CA_GENERATION: 41 CA_INIT: 0 CA_RULE: 90 CA_WIDTH: 100 CA_GENERATIONS: 100
175  [~~~~~~~~~~^~^~^~~~~~~~~~~~~~~^~^~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~^~^~^~~~~~~~~~~~~~
     ~^~^~^~~~~~~~~~]
176  CA_GENERATION: 42 CA_INIT: 0 CA_RULE: 90 CA_WIDTH: 100 CA_GENERATIONS: 100
177  [~~~~~~~~~^~~~^~~~~~~~~~~~~^~~~^~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~^~~~^~~~~~~~~~~~~
     ^~~~^~~~~~~~~]
178  CA_GENERATION: 43 CA_INIT: 0 CA_RULE: 90 CA_WIDTH: 100 CA_GENERATIONS: 100
179  [~~~~~~~~^~^~^~^~^~~~~~~~~~^~^~^~^~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~^~^~^~^~^~~~~~~~~~~^
     ~^~^~^~^~~~~~~~]
180  CA_GENERATION: 44 CA_INIT: 0 CA_RULE: 90 CA_WIDTH: 100 CA_GENERATIONS: 100
181  [~~~~~~~^~~~~~~~~~^~~~~~~~~~^~~~~~~~~~^~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~^~~~~~~~~~^~~~~~~~~~^~
     ~~~~~~^~~~~~~~]
182  CA_GENERATION: 45 CA_INIT: 0 CA_RULE: 90 CA_WIDTH: 100 CA_GENERATIONS: 100
183  [~~~~~^~~^~~~~~~^~~^~~~~~~^~~^~~~~~~^~~^~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~^~~^~~~~~~^~~^~~~~~~^~~^
     ~~~~~^~~^~~~~~]
184  CA_GENERATION: 46 CA_INIT: 0 CA_RULE: 90 CA_WIDTH: 100 CA_GENERATIONS: 100
185  [~~~~^~~~^~~~^~~~^~~~^~~~^~~~^~~~^~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~^~~~^~~~^~~~^~~~^~~~^~~~
     ^~~~^~~~^~~~]
186  CA_GENERATION: 47 CA_INIT: 0 CA_RULE: 90 CA_WIDTH: 100 CA_GENERATIONS: 100
187  [~~~^~^~^~^~^~^~^~^~^~^~^~^~^~^~^~^~^~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~^~^~^~^~^~^~^~^~^~^~^~^~^
     ~^~^~^~^~^~~]
188  CA_GENERATION: 48 CA_INIT: 0 CA_RULE: 90 CA_WIDTH: 100 CA_GENERATIONS: 100
189  [~~^~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~^~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~^~~~~~~~~~~~~~~~~~~~~
     ~~~~~~~~~~^^]
190  CA_GENERATION: 49 CA_INIT: 0 CA_RULE: 90 CA_WIDTH: 100 CA_GENERATIONS: 100
191  [^^~^~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~^~^~~~~~~~~~~~~~~~~~~~~~~~~~~~~^~^~~~~~~~~~~~~~~~~~~~~
     ~~~~~~~~^^^]
192  CA_GENERATION: 50 CA_INIT: 0 CA_RULE: 90 CA_WIDTH: 100 CA_GENERATIONS: 100
193  [~^~~~^~~~~~~~~~~~~~~~~~~~~~~~~~~~~^~~~~^~~~~~~~~~~~~~~~~~~~~~~~~~^~~~~^~~~~~~~~~~~~~~~~~~~
     ~~~~~~~~^^~~]
194  CA_GENERATION: 51 CA_INIT: 0 CA_RULE: 90 CA_WIDTH: 100 CA_GENERATIONS: 100
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195    [^~^^~^~~~~~~~~~~~~~~~~~~~~~~~~~~~~~^~^~^~^~^~~~~~~~~~~~~~~~~~~~~~~~~~^~^~^~^~^~~~~~~~~~~~~~~~~~~
       ~~~~~~~^^^^^]
196    CA_GENERATION: 52 CA_INIT: 0 CA_RULE: 90 CA_WIDTH: 100 CA_GENERATIONS: 100
197    [^~^^~~^~~~~~~~~~~~~~~~~~~~~~~~~^~~~~~~~^~~~~~~~~~~~~~~~~~~~~~~~~~~~~^~~~~~~~^~~~~~~~~~~~~~~~~
       ~~~~~~^^~~~~]
198    CA_GENERATION: 53 CA_INIT: 0 CA_RULE: 90 CA_WIDTH: 100 CA_GENERATIONS: 100
199    [~~^^^^~^~~~~~~~~~~~~~~~~~~~~~~~^~^~~~~~^~^~~~~~~~~~~~~~~~~~~~~~~~^~^~~~~~^~^~~~~~~~~~~~~~~~~
       ~~~~~^^^^~~~]
200    CA_GENERATION: 54 CA_INIT: 0 CA_RULE: 90 CA_WIDTH: 100 CA_GENERATIONS: 100
201    [~^^~~^~~^~~~~~~~~~~~~~~~~~~~~~^~~~~^~~~~^~~~~^~~~~~~~~~~~~~~~~~~~~~^~~~~^~~~~^~~~~^~~~~~~~~~~~~~~
       ~~~~^^~~^^~~]
202    CA_GENERATION: 55 CA_INIT: 0 CA_RULE: 90 CA_WIDTH: 100 CA_GENERATIONS: 100
203    [^^^^~^^^~^~~~~~~~~~~~~~~~~~~~~^~^~^~^~^~^~^~^~^~~~~~~~~~~~~~~~~~~~~^~^~^~^~^~^~^~^~~~~~~~~~~~~~~~~~
       ~~~^^^^^^^^^]
204    CA_GENERATION: 56 CA_INIT: 0 CA_RULE: 90 CA_WIDTH: 100 CA_GENERATIONS: 100
205    [~~~~^~^^~~^~~~~~~~~~~~~~~~~^~~~~~~~~~~~~~~~~~~^~~~~~~~~~~~~~~~~~^~~~~~~~~~~~~~~~~~^~~~~~~~~~~~~~~
       ~~^^~~~~~~~~]
206    CA_GENERATION: 57 CA_INIT: 0 CA_RULE: 90 CA_WIDTH: 100 CA_GENERATIONS: 100
207    [~~~^~~^^^^~^~~~~~~~~~~~~~~~~^~^~~~~~~~~~~~~~~~~^~^~~~~~~~~~~~~~~~~^~^~~~~~~~~~~~~~~~~^~^~~~~~~~~~~~~~~
       ~^^^^~~~~~~~]
208    CA_GENERATION: 58 CA_INIT: 0 CA_RULE: 90 CA_WIDTH: 100 CA_GENERATIONS: 100
209    [~~^~^^^~~^~~^~~~~~~~~~~~^~~~~^~~~~~~~~~~~~^~~~~^~~~~~~~~~~~~^~~~~^~~~~~~~~~~~~^~~~~^~~~~~~~~~~~~~
       ^^~~^^~~~~~~]
210    CA_GENERATION: 59 CA_INIT: 0 CA_RULE: 90 CA_WIDTH: 100 CA_GENERATIONS: 100
211    [~^~~~^~^^^~^^~^~~~~~~~~~~^~^~^~^~~~~~~~~~~^~^~^~^~~~~~~~~~~^~^~^~^~~~~~~~~~~^~^~^~^~~~~~~~~~~^
       ^^^^^^^~~~~~]
212    CA_GENERATION: 60 CA_INIT: 0 CA_RULE: 90 CA_WIDTH: 100 CA_GENERATIONS: 100
213    [^~~^^~~^~^~^^~~^~~~~~~~~^~~~~~~~~^~~~~~~~~^~~~~~~~~^~~~~~~~~^~~~~~~~~^~~~~~~~~^~~~~~~~~~^~~~~~~~~~^^
       ~~~~~~^^~~~~~]
214    CA_GENERATION: 61 CA_INIT: 0 CA_RULE: 90 CA_WIDTH: 100 CA_GENERATIONS: 100
215    [~~^^^^~~~~~^^^^~^~~~~~~^~~^~~~~~~^~~^~~~~~~^~~^~~~~~~^~~^~~~~~~^~~^~~~~~~^~~^~~~~~~^~~^~~~~~~^^^
       ^~~~~^^^^~~~]
216    CA_GENERATION: 62 CA_INIT: 0 CA_RULE: 90 CA_WIDTH: 100 CA_GENERATIONS: 100
217    [~^^^~~^^~~^^~~^~~^~~~^~~~^~~~^~~~^~~~^~~~^~~~^~~~^~~~^~~~^~~~^~~~^~~~^~~~^~~~^~~~^~~~^~~~^~~
       ^^~~^^~~^^~~]
218    CA_GENERATION: 63 CA_INIT: 0 CA_RULE: 90 CA_WIDTH: 100 CA_GENERATIONS: 100
219    [^^^^^^^^^^^^^^~^^~^~^~^~^~^~^~^~^~^~^~^~^~^~^~^~^~^~^~^~^~^~^~^~^~^~^~^~^~^~^~^~^~^~^~^~^^^^^
       ^^^^^^^^^^^^]
220    CA_GENERATION: 64 CA_INIT: 0 CA_RULE: 90 CA_WIDTH: 100 CA_GENERATIONS: 100
221    [~~~~~~~~~~~~^~^^~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~^~~~~~
       ~~~~~~~~~~~~]
222    CA_GENERATION: 65 CA_INIT: 0 CA_RULE: 90 CA_WIDTH: 100 CA_GENERATIONS: 100
223    [~~~~~~~~~~~^~~^^^~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~^~^~~~~
       ~~~~~~~~~~~~]
224    CA_GENERATION: 66 CA_INIT: 0 CA_RULE: 90 CA_WIDTH: 100 CA_GENERATIONS: 100
225    [~~~~~~~~~~^~^^^~^^~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~^~~~^~~~
       ~~~~~~~~~~~~]
226    CA_GENERATION: 67 CA_INIT: 0 CA_RULE: 90 CA_WIDTH: 100 CA_GENERATIONS: 100
227    [~~~~~~~~~^~~~^~~^~^^~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~^~^~^~^~
       ~~~~~~~~~~~~]
228    CA_GENERATION: 68 CA_INIT: 0 CA_RULE: 90 CA_WIDTH: 100 CA_GENERATIONS: 100
229    [~~~~~~~~^~^^^~~~~~^~^^~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~^~~~~~~~~^
       ~~~~~~~~~~~~]
230    CA_GENERATION: 69 CA_INIT: 0 CA_RULE: 90 CA_WIDTH: 100 CA_GENERATIONS: 100
231    [~~~~~~~^~~^^^^~~^~~^^^~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~^~^~~~~~^~
       ^~~~~~~~~~~~]
232    CA_GENERATION: 70 CA_INIT: 0 CA_RULE: 90 CA_WIDTH: 100 CA_GENERATIONS: 100
233    [~~~~~~^~^^^^~^^^~^^^~^^~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~^~~~^~~~^~~
       ~^~~~~~~~~~~]
234    CA_GENERATION: 71 CA_INIT: 0 CA_RULE: 90 CA_WIDTH: 100 CA_GENERATIONS: 100
235    [~~~~~^~~~^~^~^~^~^~^^^~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~^~^~^~^~^~^~
       ^~^~~~~~~~~~]
236    CA_GENERATION: 72 CA_INIT: 0 CA_RULE: 90 CA_WIDTH: 100 CA_GENERATIONS: 100
237    [~~~~^~^^~~~~~~~~~~~~~^~^^~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~^~~~~~~~~~~~
       ~~~^~~~~~~~~]
238    CA_GENERATION: 73 CA_INIT: 0 CA_RULE: 90 CA_WIDTH: 100 CA_GENERATIONS: 100
239    [~~~^~~^^^~~~~~~~~~~~^~~~^^^~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~^~^~~~~~~~~~~~
       ~~^~^~~~~~~~]
240    CA_GENERATION: 74 CA_INIT: 0 CA_RULE: 90 CA_WIDTH: 100 CA_GENERATIONS: 100
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241    [~~^~^^^~^^~~~~~~~~^~^^^~^^~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~^~~~^~~~~~~~~~
       ~^~~~^~~~~~~]
242    CA_GENERATION: 75 CA_INIT: 0 CA_RULE: 90 CA_WIDTH: 100 CA_GENERATIONS: 100
243    [~^~~~^~^~^^^~~~~~~^~~^~^~^~^^^~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~^~^~^~^~^~~~~~~~~
       ^~^~^~^~~~~~]
244    CA_GENERATION: 76 CA_INIT: 0 CA_RULE: 90 CA_WIDTH: 100 CA_GENERATIONS: 100
245    [^~^^~~~~^~^^~~~~^~^^~~~~^~^^~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~^~~~~~~~^~~~~~~^
       ~~~~~~~^~~~~]
246    CA_GENERATION: 77 CA_INIT: 0 CA_RULE: 90 CA_WIDTH: 100 CA_GENERATIONS: 100
247    [~~^^^~~^~~^^^~~^~~^^^~~^~~^^^~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~^~^~~~~~^~^~~~~~^~
       ^~~~~~^~^~~~~]
248    CA_GENERATION: 78 CA_INIT: 0 CA_RULE: 90 CA_WIDTH: 100 CA_GENERATIONS: 100
249    [~^^~^^^~^^^~^^^~^^^~^^^~^^~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~^~~~~^~~~~^~~~~^~~~~^~~
       ~^~~~~^~~~^~~]
250    CA_GENERATION: 79 CA_INIT: 0 CA_RULE: 90 CA_WIDTH: 100 CA_GENERATIONS: 100
251    [^^^~^~^~^~^~^~^~^~^~^~^~^~^^^~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~^~^~^~^~^~^~^~^~^~^~
       ^~^~^~^~^~^^]
252    CA_GENERATION: 80 CA_INIT: 0 CA_RULE: 90 CA_WIDTH: 100 CA_GENERATIONS: 100
253    [~~^~~~~~~~~~~~~~~~~~~~~~~~~~^~^^~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~^~~~~~~~~~~~~~~~~~~
       ~~~~~~~~~~^^]
254    CA_GENERATION: 81 CA_INIT: 0 CA_RULE: 90 CA_WIDTH: 100 CA_GENERATIONS: 100
255    [^^~^~~~~~~~~~~~~~~~~~~~~~~~^~~^^^~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~^~^~~~~~~~~~~~~~~~~
       ~~~~~~~~~^^^]
256    CA_GENERATION: 82 CA_INIT: 0 CA_RULE: 90 CA_WIDTH: 100 CA_GENERATIONS: 100
257    [~^~~~^~~~~~~~~~~~~~~~~~~~~^~^^^~^^~~~~~~~~~~~~~~~~~~~~~~~~~~~~~^~~~^~~~~~~~~~~~~~~~
       ~~~~~~~~^^~~]
258    CA_GENERATION: 83 CA_INIT: 0 CA_RULE: 90 CA_WIDTH: 100 CA_GENERATIONS: 100
259    [^~^^~^~~~~~~~~~~~~~~~~~~~^~~~^~^~^^^~~~~~~~~~~~~~~~~~~~~~~~~~~~~^~^~^~^~~~~~~~~~~~~~~
       ~~~~~~^^^^^]
260    CA_GENERATION: 84 CA_INIT: 0 CA_RULE: 90 CA_WIDTH: 100 CA_GENERATIONS: 100
261    [^~^^~~^~~~~~~~~~~~~~~~~^~^^~~~~^~^^~~~~~~~~~~~~~~~~~~~~~~~~~^~~~~~~~^~~~~~~~~^~~~~~~~~
       ~~~~~~^^~~~~]
262    CA_GENERATION: 85 CA_INIT: 0 CA_RULE: 90 CA_WIDTH: 100 CA_GENERATIONS: 100
263    [~~^^^^~^~~~~~~~~~~~~~~~^~~^^^~~~^~~~^^^~~~~~~~~~~~~~~~~~~~~~~~~~^~^~~~~~~^~^~~~~~~~~~~~~
       ~~~~~^^^^~~~]
264    CA_GENERATION: 86 CA_INIT: 0 CA_RULE: 90 CA_WIDTH: 100 CA_GENERATIONS: 100
265    [~^^^~~^~~^~~~~~~~~~~~~~^~^^^~^^^~^^^~~^^~~~~~~~~~~~~~~~~~~~~~~^~~~^~~~^~~~^~~~~~~~~~
       ~~~~^^~~^^~~]
266    CA_GENERATION: 87 CA_INIT: 0 CA_RULE: 90 CA_WIDTH: 100 CA_GENERATIONS: 100
267    [^^^^^~^^^~^~~~~~~~~~~~~^~~^~^~^~^~^~^~^~^^^~~~~~~~~~~~~~~~~~~^~^~^~^~^~^~^~^~^~~~~~~~~~
       ~~^^^^^^^^^]
268    CA_GENERATION: 88 CA_INIT: 0 CA_RULE: 90 CA_WIDTH: 100 CA_GENERATIONS: 100
269    [~~~~^~^^^~^~~~~~~~~~~~^~^^^~~~~~~~~~~~~~^~^^~~~~~~~~~~~~~~~~~^~~~~~~~~~~~~~~~^~~~~~~~~~~
       ~~^^~~~~~~~~~]
270    CA_GENERATION: 89 CA_INIT: 0 CA_RULE: 90 CA_WIDTH: 100 CA_GENERATIONS: 100
271    [~~~^~^^^^~^~~~~~~~~^~~^^^~~~~~~~~~~~^~~^^^~~~~~~~~~~~^~^~~~~~~~~~~~~~~^~^~~~~~~~~~~~
       ~^^^^~~~~~~~~]
272    CA_GENERATION: 90 CA_INIT: 0 CA_RULE: 90 CA_WIDTH: 100 CA_GENERATIONS: 100
273    [~~^~^^^~~^~~^~~~~~~^~^^^~^^~~~~~~~~~^~^^^~^^~~~~~~~~~~^~~~~^~~~~~~~~~~^~~~^~~~~~~~~~~~
       ^^~~^^~~~~~~~]
274    CA_GENERATION: 91 CA_INIT: 0 CA_RULE: 90 CA_WIDTH: 100 CA_GENERATIONS: 100
275    [~^~~^~^^^~^^~^~~~^~~^~^~^^^~~~~~~^~~^~^~^^^~~~~~~~~~~~^~~^~^~^~~~~~~~~~~^~^~^~^~~~~~~~~~^
       ^^^^^^~~~~~]
276    CA_GENERATION: 92 CA_INIT: 0 CA_RULE: 90 CA_WIDTH: 100 CA_GENERATIONS: 100
277    [^~^^~~^~^~^^~~^~^~^^~~~~^~^^~~~~^~^^~~~~^~^^~~~~~~~~~~^~~~~~~~^~~~~~~~^~~~~~~~^~~~~~~~^^
       ~~~~~~^^~~~~]
278    CA_GENERATION: 93 CA_INIT: 0 CA_RULE: 90 CA_WIDTH: 100 CA_GENERATIONS: 100
279    [~~^^^^~~~~^^^^~~~~~^^^~~~^~~^^^^~~^~~^^^^~~~^~~^^^^~~~~~~~~~~^~^~~~~~~~^~^~~~~~~^~^~~~~~^~^~~~~^^^
       ^~~~~^^^^~~~]
280    CA_GENERATION: 94 CA_INIT: 0 CA_RULE: 90 CA_WIDTH: 100 CA_GENERATIONS: 100
281    [~^^~~^^~~^^~~^^~~^^~^^^~^^^~^^^~^^^~^^^~^^~~~~~~~~~~^~~~^~~~^~~~^~~~^~~~^~~~^~~~^~~~^~~~^^~~
       ^^~~^^~~^^~~]
282    CA_GENERATION: 95 CA_INIT: 0 CA_RULE: 90 CA_WIDTH: 100 CA_GENERATIONS: 100
283    [^^^^^^^^^^^^^^^^^^^^^~^~^~^~^~^~^~^~^~^~^~^~^~^~^^^~~~~~^~^~^~^~^~^~^~^~^~^~^~^~^~^~^~^~^~^^^^
       ^^^^^^^^^^^]
284    CA_GENERATION: 96 CA_INIT: 0 CA_RULE: 90 CA_WIDTH: 100 CA_GENERATIONS: 100
285    [~~~~~~~~~~~~~~~~~~~^~~~~~~~~~~~~~~~~~~~~~~~~~~~^~^^~~~~^~~~~~~~~~~~~~~~~~~~~~~^~~~~~
       ~~~~~~~~~~~~]
286    CA_GENERATION: 97 CA_INIT: 0 CA_RULE: 90 CA_WIDTH: 100 CA_GENERATIONS: 100
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287    [~~~~~~~~~~~~~~~~~~^~^~~~~~~~~~~~~~~~~~~~~~~~~~~~^~~^^^~^~^~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~^~^~~~~
       ~~~~~~~~~~~~~]
288    CA_GENERATION: 98 CA_INIT: 0 CA_RULE: 90 CA_WIDTH: 100 CA_GENERATIONS: 100
289    [~~~~~~~~~~~~~~~~~~^~~~^~~~~~~~~~~~~~~~~~~~~~~~~~^~^^^~^~~~~^~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~^~~~^~~~~
       ~~~~~~~~~~~~~]
290    CA_GENERATION: 99 CA_INIT: 0 CA_RULE: 90 CA_WIDTH: 100 CA_GENERATIONS: 100
291    [~~~~~~~~~~~~~~~~^~^~^~^~^~~~~~~~~~~~~~~~~~~~~~~^~~^~^~~~^~~^~^~~~~~~~~~~~~~~~~~~~~~~~~~^~^~^~^~~~
       ~~~~~~~~~~~~~]
292    CA_GENERATION: 100 CA_INIT: 0 CA_RULE: 90 CA_WIDTH: 100 CA_GENERATIONS: 100
293    [~~~~~~~~~~~~~^~~~~~~~^~~~~~~~~~~~~~~~~~~~^~^^~~~^^^~^^~~~^~~~~~~~~~~~~~~~~~~~~~~~~^~~~~~~~^~
       ~~~~~~~~~~~~~]
294
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297    ~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~
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300              /~~~~~~~~\                                          _
301      ##\__/ @)        ~~~~~~~~\                            \ \ ) )
302      |              /~~\~~~~~                        ((      |   \
303       \     /              |                              /     |
304       (~~~    /             _____/~~~~~~~~~~~~    /
305        ~~~~|~                                            /
306         :                                               |
307          \                                              |
308          |                                     /       \
309           \   \_            :            \     /~~~\    |
310            /   :~~~~~|    :~~~~~~~~~~~|    :      )   :    :
311           /    :    /     :            /    :    /    :
312         (~~~      )(~~~      )     (~~~      )(~~~      )
313          ~~~~~~~~  ~~~~~~~~      ~~~~~~~~  ~~~~~~~~
314           STOMP      STOMP          STOMP      STOMP
315
316
317    ~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~
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320
321    Part 3
322    CA_GENERATION: 0 CA_INIT: 1 CA_RULE: 90 CA_WIDTH: 100 CA_GENERATIONS: 50
323    [~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~^~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~^~~~~~~~~~~~~~~~~~~~~
       ~~~~~~~~~~~~~]
324    CA_GENERATION: 1 CA_INIT: 1 CA_RULE: 90 CA_WIDTH: 100 CA_GENERATIONS: 50
325    [~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~^~^~~~~~~~~~~~~~~~~~~~~~~~~~~~^~^~~~~~~~~~~~~~~~~~~~~
       ~~~~~~~~~~~~~]
326    CA_GENERATION: 2 CA_INIT: 1 CA_RULE: 90 CA_WIDTH: 100 CA_GENERATIONS: 50
327    [~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~^~~~~^~~~~~~~~~~~~~~~~~~~~~~~~^~~~~^~~~~~~~~~~~~~~~~~~~~
       ~~~~~~~~~~~~~]
328    CA_GENERATION: 3 CA_INIT: 1 CA_RULE: 90 CA_WIDTH: 100 CA_GENERATIONS: 50
329    [~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~^~~^~^~^~^~~~~~~~~~~~~~~~~~~~~~^~~^~^~^~^~~~~~~~~~~~~~~~~~~
       ~~~~~~~~~~~~~]
330    CA_GENERATION: 4 CA_INIT: 1 CA_RULE: 90 CA_WIDTH: 100 CA_GENERATIONS: 50
331    [~~~~~~~~~~~~~~~~~~~~~~~~~~~~^~~~~~~~~^~~~~~~~~~~~~~~~~~~~~~^~~~~~~~~^~~~~~~~~~~~~~~~~~~
       ~~~~~~~~~~~~~]
332    CA_GENERATION: 5 CA_INIT: 1 CA_RULE: 90 CA_WIDTH: 100 CA_GENERATIONS: 50
333    [~~~~~~~~~~~~~~~~~~~~~~~~~~^~~^~~~~~~^~~^~~~~~~~~~~~~~~~~~^~~^~~~~~~^~~^~~~~~~~~~~~~~~~~
       ~~~~~~~~~~~~~]
334    CA_GENERATION: 6 CA_INIT: 1 CA_RULE: 90 CA_WIDTH: 100 CA_GENERATIONS: 50
335    [~~~~~~~~~~~~~~~~~~~~~~~~^~~~~^~~~~^~~~~^~~~~~~~~~~~~~~~~^~~~~^~~~~^~~~~^~~~~~~~~~~~~~~
       ~~~~~~~~~~~~~]
336    CA_GENERATION: 7 CA_INIT: 1 CA_RULE: 90 CA_WIDTH: 100 CA_GENERATIONS: 50
337    [~~~~~~~~~~~~~~~~~~~~~~^~~^~^~^~^~^~^~^~~~~~~~~~~~~~~~^~~^~^~^~^~^~^~^~~~~~~~~~~~~~~
       ~~~~~~~~~~~~~]
338    CA_GENERATION: 8 CA_INIT: 1 CA_RULE: 90 CA_WIDTH: 100 CA_GENERATIONS: 50
339    [~~~~~~~~~~~~~~~~~~~~^~~~~~~~~~~~~~~~~~^~~~~~~~~~~~~~~^~~~~~~~~~~~~~~~~~^~~~~~~~~~~~
       ~~~~~~~~~~~~~]
340    CA_GENERATION: 9 CA_INIT: 1 CA_RULE: 90 CA_WIDTH: 100 CA_GENERATIONS: 50
341    [~~~~~~~~~~~~~~~~~~^~~^~~~~~~~~~~~~~~~~~^~~^~~~~~~~~~~~~~~~~~^~~^~~~~~~~~~~~~~~~~~^~~^~~~~~~~~~~~~~
       ~~~~~~~~~~~~~]
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CA_GENERATION: 10 CA_INIT: 1 CA_RULE: 90 CA_WIDTH: 100 CA_GENERATIONS: 50
[~~~~~~~~~~~~~~~~~~~~~~^~~~^~~~~~~~~~~^~~~^~~~~~~~~~~~~^~~~^~~~~~~~~~~~^~~~^~~~~~~~~~~~~~~~~
~~~~~~~~~~~~]
CA_GENERATION: 11 CA_INIT: 1 CA_RULE: 90 CA_WIDTH: 100 CA_GENERATIONS: 50
[~~~~~~~~~~~~~~~~~~~~~^~^~^~^~~~~~~~~~~~^~^~^~^~~~~~~~~~~~~^~^~^~^~~~~~~~~~~~^~^~^~^~~~~~~~~
~~~~~~~~~~~~]
CA_GENERATION: 12 CA_INIT: 1 CA_RULE: 90 CA_WIDTH: 100 CA_GENERATIONS: 50
[~~~~~~~~~~~~~~~~~~~~^~~~~~~~~^~~~~~~~~^~~~~~~~~^~~~~~~~~^~~~~~~~~^~~~~~~~~^~~~~~~~~^~~~~~~~~
~~~~~~~~~~~~]
CA_GENERATION: 13 CA_INIT: 1 CA_RULE: 90 CA_WIDTH: 100 CA_GENERATIONS: 50
[~~~~~~~~~~~~~~~~~~~^~^~~~~~~^~^~~~~~~~^~^~~~~~~^~^~~~~~~~^~^~~~~~~^~^~~~~~~~^~^~~~~~~^~^~~~~~~~~~
~~~~~~~~~~~~]
CA_GENERATION: 14 CA_INIT: 1 CA_RULE: 90 CA_WIDTH: 100 CA_GENERATIONS: 50
[~~~~~~~~~~~~~~~~~~^~~~^~~~~^~~~^~~~~^~~~^~~~~^~~~^~~~~^~~~^~~~~^~~~^~~~~^~~~^~~~~^~~~^~~~~~~~~
~~~~~~~~~~~~]
CA_GENERATION: 15 CA_INIT: 1 CA_RULE: 90 CA_WIDTH: 100 CA_GENERATIONS: 50
[~~~~~~~~~~~~~~~~~^~^~^~^~^~^~^~^~^~^~^~^~^~^~^~^~^~^~^~^~^~^~^~^~^~^~^~^~^~^~^~^~^~^~~~~~~~
~~~~~~~~~~~~]
CA_GENERATION: 16 CA_INIT: 1 CA_RULE: 90 CA_WIDTH: 100 CA_GENERATIONS: 50
[~~~~~~~~~~~~~~~~^~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~^^~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~^~~~~~~
~~~~~~~~~~~~]
CA_GENERATION: 17 CA_INIT: 1 CA_RULE: 90 CA_WIDTH: 100 CA_GENERATIONS: 50
[~~~~~~~~~~~~~~~^~~^~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~^^^^~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~^~^~~~~~
~~~~~~~~~~~~]
CA_GENERATION: 18 CA_INIT: 1 CA_RULE: 90 CA_WIDTH: 100 CA_GENERATIONS: 50
[~~~~~~~~~~~~~~^~~~~^~~~~~~~~~~~~~~~~~~~~~~~~~~~~~^^~~~^^~~~~~~~~~~~~~~~~~~~~~~~~~~^~~~~^~~~~
~~~~~~~~~~~~]
CA_GENERATION: 19 CA_INIT: 1 CA_RULE: 90 CA_WIDTH: 100 CA_GENERATIONS: 50
[~~~~~~~~~~~~~~^~^~~^~^~~~~~~~~~~~~~~~~~~~~~~~~~~^^^^^^^^~~~~~~~~~~~~~~~~~~~~~~~~~~^~^~~^~^~~
~~~~~~~~~~~~]
CA_GENERATION: 20 CA_INIT: 1 CA_RULE: 90 CA_WIDTH: 100 CA_GENERATIONS: 50
[~~~~~~~~~~~~~^~~~~~~~^~~~~~~~~~~~~~~~~~~~~~~~~~~^^~~~~~~^^~~~~~~~~~~~~~~~~~~~~~~~~~^~~~~~~~^~
~~~~~~~~~~~~]
CA_GENERATION: 21 CA_INIT: 1 CA_RULE: 90 CA_WIDTH: 100 CA_GENERATIONS: 50
[~~~~~~~~~~~~^~^~~~~~~^~^~~~~~~~~~~~~~~~~~~~~~~~^^^^~~~~^^^^~~~~~~~~~~~~~~~~~~~~~~~~^~^~~~~~~^~^
~~~~~~~~~~~~]
CA_GENERATION: 22 CA_INIT: 1 CA_RULE: 90 CA_WIDTH: 100 CA_GENERATIONS: 50
[~~~~~~~~~~~^~~~^~~~~^~~~^~~~~~~~~~~~~~~~~~~~~~^^~~^^~~^^~~^^~~~~~~~~~~~~~~~~~~~~~~^~~~^~~~~^~~~
^~~~~~~~~~~~]
CA_GENERATION: 23 CA_INIT: 1 CA_RULE: 90 CA_WIDTH: 100 CA_GENERATIONS: 50
[~~~~~~~~~~^~^~^~^~^~^~^~^~~~~~~~~~~~~~~~~~~~~~^^^^^^^^^^^^^^~~~~~~~~~~~~~~~~~~~~~~^~^~^~^~^~^~^~^~^
~^~~~~~~~~~~~]
CA_GENERATION: 24 CA_INIT: 1 CA_RULE: 90 CA_WIDTH: 100 CA_GENERATIONS: 50
[~~~~~~~~~^~~~~~~~~~~~~~~~^~~~~~~~~~~~~~~~^^~~~~~~~~~~~~~~~^^~~~~~~~~~~~~~~~^~~~~~~~~~~~~~~~
~~^~~~~~~~~~]
CA_GENERATION: 25 CA_INIT: 1 CA_RULE: 90 CA_WIDTH: 100 CA_GENERATIONS: 50
[~~~~~~~~^~^~^~~~~~~~~~~~~^~^~~~~~~~~~~~~~^^^^~~~~~~~~~~~~~^^^^~~~~~~~~~~~~~^~^~~~~~~~~~~~~~
~^~^~^~~~~~~~~~]
CA_GENERATION: 26 CA_INIT: 1 CA_RULE: 90 CA_WIDTH: 100 CA_GENERATIONS: 50
[~~~~~~~^~~~~^~~~~~~~~~~~~^~~~~^~~~~~~~~~~~^^~~~^^~~~~~~~~~~~^^~~~^^~~~~~~~~~~~^~~~~^~~~~~~~~~~~
^~~~~^~~~~~~~~]
CA_GENERATION: 27 CA_INIT: 1 CA_RULE: 90 CA_WIDTH: 100 CA_GENERATIONS: 50
[~~~~~~^~^~^~^~~~~~~~~~~^~^~^~^~~~~~~~~~~~^^^^^^^^~~~~~~~~~~^^^^^^^^~~~~~~~~~~~^~^~^~^~~~~~~~~~~~^
~^~^~^~~~~~~~]
CA_GENERATION: 28 CA_INIT: 1 CA_RULE: 90 CA_WIDTH: 100 CA_GENERATIONS: 50
[~~~~~^~~~~~~~~^~~~~~~~~^~~~~~~~~^~~~~~~~~^^~~~~~~~^^~~~~~~~^^~~~~~~~^^~~~~~~~~^~~~~~~~~^~~~~~~~~^~
~~~~~~^~~~~~]
CA_GENERATION: 29 CA_INIT: 1 CA_RULE: 90 CA_WIDTH: 100 CA_GENERATIONS: 50
[~~~~^~^~~~~~~~^~^~~~~~~~^~^~~~~~~~^~^~~~~~~~^^^^~~~~~^^^^~~~~~^^^^~~~~~^^^^~~~~~~^~^~~~~~~~^~^~~~~~~~^~
~~~~~^~^~~~~~]
CA_GENERATION: 30 CA_INIT: 1 CA_RULE: 90 CA_WIDTH: 100 CA_GENERATIONS: 50
[~~~^~~~~^~~~~^~~~~^~~~~^~~~~^~~~~^~~~~^~~~~^^~~~^^~~~^^~~~^^~~~^^~~~^^~~~^^~~~^~~~~^~~~~^~~~~^~~~~^~~~
^~~~~^~~~~^~~~]
CA_GENERATION: 31 CA_INIT: 1 CA_RULE: 90 CA_WIDTH: 100 CA_GENERATIONS: 50
[~~^~^~^~^~^~^~^~^~^~^~^~^~^~^~^~^~^~^^^^^^^^^^^^^^^^^^^^^^^^^^^^^^^^^^~^~^~^~^~^~^~^~^~^~^~^~^~^~^~^
~^~^~^~^~^~~~]
CA_GENERATION: 32 CA_INIT: 1 CA_RULE: 90 CA_WIDTH: 100 CA_GENERATIONS: 50
[~^~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~^~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~^~~~~~~~~~~~~~~~~~~~
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388    CA_GENERATION: 33 CA_INIT: 1 CA_RULE: 90 CA_WIDTH: 100 CA_GENERATIONS: 50
389    [~~^~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~^~^~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~^~^~~~~~~~~~~~~~~~~~~~~~
       ~~~~~~~~~^^^]
390    CA_GENERATION: 34 CA_INIT: 1 CA_RULE: 90 CA_WIDTH: 100 CA_GENERATIONS: 50
391    [^^~^~~~~~~~~~~~~~~~~~~~~~~~~~~~^~~~^~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~^~~~^~~~~~~~~~~~~~~~~~~~~~
       ~~~~~~~~~^^~~]
392    CA_GENERATION: 35 CA_INIT: 1 CA_RULE: 90 CA_WIDTH: 100 CA_GENERATIONS: 50
393    [^^~~~^~~~~~~~~~~~~~~~~~~~~~~~~^~^~^~^~~~~~~~~~~~~~~~~~~~~~~~~~~~^~^~^~^~~~~~~~~~~~~~~~~~~~~~
       ~~~~~~~~^^^^^]
394    CA_GENERATION: 36 CA_INIT: 1 CA_RULE: 90 CA_WIDTH: 100 CA_GENERATIONS: 50
395    [~^^^~^~~~~~~~~~~~~~~~~~~~~~~~^~~~~~~~^~~~~~~~~~~~~~~~~~~~~~~~^~~~~~~~~^~~~~~~~~~~~~~~~~~~~~
       ~~~~~~^^~~~~]
396    CA_GENERATION: 37 CA_INIT: 1 CA_RULE: 90 CA_WIDTH: 100 CA_GENERATIONS: 50
397    [^^~^~~~^~~~~~~~~~~~~~~~~~~~~~^~^~~~~~^~^~^~~~~~~~~~~~~~~~~~~^~^~~~~~~^~^~^~~~~~~~~~~~~~~~~~
       ~~~~~^^^^~~~]
398    CA_GENERATION: 38 CA_INIT: 1 CA_RULE: 90 CA_WIDTH: 100 CA_GENERATIONS: 50
399    [^^~~~^^~^~~~~~~~~~~~~~~~~~~~~^~~~^~~~~^~~~~^~~~~~~~~~~~~~~~~^~~~~^~~~~^~~~~^~~~~~~~~~~~~~~~
       ~~~~^^~~^^~~]
400    CA_GENERATION: 39 CA_INIT: 1 CA_RULE: 90 CA_WIDTH: 100 CA_GENERATIONS: 50
401    [^^^^^~~~^~~~~~~~~~~~~~~~~~~~~^~^~^~^~^~^~^~^~~~~~~~~~~~~~~~~^~^~^~^~^~^~^~^~~~~~~~~~~~~~~~~
       ~~~^^^^^^^^^]
402    CA_GENERATION: 40 CA_INIT: 1 CA_RULE: 90 CA_WIDTH: 100 CA_GENERATIONS: 50
403    [~~~~~^^^~^~~~~~~~~~~~~~~~~~^~~~~~~~~~~~~~~~~~^~~~~~~~~~~~~~~^~~~~~~~~~~~~~~~~^~~~~~~~~~~~~~~
       ~~^^~~~~~~~~]
404    CA_GENERATION: 41 CA_INIT: 1 CA_RULE: 90 CA_WIDTH: 100 CA_GENERATIONS: 50
405    [~~~~^^~^~~^~~~~~~~~~~~~~~~^~^~~~~~~~~~~~~~~^~^~~~~~~~~~~~~~^~^~~~~~~~~~~~~~^~^~~~~~~~~~~~~~
       ~^^^^~~~~~~~]
406    CA_GENERATION: 42 CA_INIT: 1 CA_RULE: 90 CA_WIDTH: 100 CA_GENERATIONS: 50
407    [~~~^^^~~^^~^~~~~~~~~~~~~~^~~~~^~~~~~~~~~~~~^~~~~^~~~~~~~~~~^~~~~^~~~~~~~~~~^~~~~^~~~~~~~~~~
       ^^~~^^~~~~~~]
408    CA_GENERATION: 43 CA_INIT: 1 CA_RULE: 90 CA_WIDTH: 100 CA_GENERATIONS: 50
409    [~~^^~^^^^^~~^~~~~~~~~~~~^~^~^~^~~~~~~~~~~^~^~^~^~~~~~~~~~^~^~^~^~~~~~~~~~^~^~^~^~~~~~~~~~~^
       ^^^^^^^~~~~~]
410    CA_GENERATION: 44 CA_INIT: 1 CA_RULE: 90 CA_WIDTH: 100 CA_GENERATIONS: 50
411    [~^^^~^~~~^^^~^~~~~~~~~~^~~~~~~~~^~~~~~~~~^~~~~~~~~^~~~~~~~~^~~~~~~~~^~~~~~~~~^~~~~~~~~^^
       ~~~~~~^^~~~~]
412    CA_GENERATION: 45 CA_INIT: 1 CA_RULE: 90 CA_WIDTH: 100 CA_GENERATIONS: 50
413    [^^~^~~~^~^^~^~~~^~~~~~~^~^~~~~~~^~^~~~~~~^~^~~~~~~^~^~~~~~~^~^~~~~~~^~^~~~~~~^~^~~~~~~^~^^
       ^~~~~^^^^~~~]
414    CA_GENERATION: 46 CA_INIT: 1 CA_RULE: 90 CA_WIDTH: 100 CA_GENERATIONS: 50
415    [^^~~~^^~~~^^~^~~~~~^~~~~^~~~~^~~~~^~~~~^~~~~^~~~~^~~~~^~~~~^~~~~^~~~~^~~~~^~~~~^~~~~^^~~
       ^^~~~^^~~~^^~~]
416    CA_GENERATION: 47 CA_INIT: 1 CA_RULE: 90 CA_WIDTH: 100 CA_GENERATIONS: 50
417    [^^^^^^^^^^^^^~~~^~~~^~^~^~^~^~^~^~^~^~^~^~^~^~^~^~^~^~^~^~^~^~^~^~^~^~^~^~^~^~^~^~^^^^^
       ^^^^^^^^^^^^^]
418    CA_GENERATION: 48 CA_INIT: 1 CA_RULE: 90 CA_WIDTH: 100 CA_GENERATIONS: 50
419    [~~~~~~~~~~~~~^^^~^^~~~~~~~~~~~~~~~~~~~~~~~~~~~^^~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~^^^~~~~
       ~~~~~~~~~~~~]
420    CA_GENERATION: 49 CA_INIT: 1 CA_RULE: 90 CA_WIDTH: 100 CA_GENERATIONS: 50
421    [~~~~~~~~~~~~^^~^~^^^~~~~~~~~~~~~~~~~~~~~~~~~~~~~^^^~~~~~~~~~~~~~~~~~~~~~~~~~~~^^~^^~~~~
       ~~~~~~~~~~~~]
422    CA_GENERATION: 50 CA_INIT: 1 CA_RULE: 90 CA_WIDTH: 100 CA_GENERATIONS: 50
423    [~~~~~~~~~~~^^^~~~^~^^~~~~~~~~~~~~~~~~~~~~~~~~~~^^~~^^~~~~~~~~~~~~~~~~~~~~~~~~~~^^^~^^^~~
       ~~~~~~~~~~~~]
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427    ~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~
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430              /~~~~~~~\                                      _
431       ##\__/ @)        ~~~~~~~\                          \ \ ) )
432        |              /~~\~~~~~                    ((      |    \
433         \     /              |                             /    |
434          (~~~     /               _____/~~~~~~~~~~~~     /
435           ~~~~|~                                                /
436              :                                                 |
437               \                                                |
438               |                                     /        \
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               ~~~~~~~~  ~~~~~~~~        ~~~~~~~~  ~~~~~~~~
                 STOMP      STOMP            STOMP      STOMP


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Part 4
CA_GENERATION: 0 CA_INIT: 0 CA_RULE: 30 CA_WIDTH: 100 CA_GENERATIONS: 50
[~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~^~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~
~~~~~~~~~~~~~]
CA_GENERATION: 1 CA_INIT: 0 CA_RULE: 30 CA_WIDTH: 100 CA_GENERATIONS: 50
[~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~^^^~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~
~~~~~~~~~~~~~]
CA_GENERATION: 2 CA_INIT: 0 CA_RULE: 30 CA_WIDTH: 100 CA_GENERATIONS: 50
[~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~^^~~^~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~
~~~~~~~~~~~~~]
CA_GENERATION: 3 CA_INIT: 0 CA_RULE: 30 CA_WIDTH: 100 CA_GENERATIONS: 50
[~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~^^~^^^^~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~
~~~~~~~~~~~~~]
CA_GENERATION: 4 CA_INIT: 0 CA_RULE: 30 CA_WIDTH: 100 CA_GENERATIONS: 50
[~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~^^~~^~~~~^~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~
~~~~~~~~~~~~~]
CA_GENERATION: 5 CA_INIT: 0 CA_RULE: 30 CA_WIDTH: 100 CA_GENERATIONS: 50
[~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~^^~^^^^~^^^~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~
~~~~~~~~~~~~~]
CA_GENERATION: 6 CA_INIT: 0 CA_RULE: 30 CA_WIDTH: 100 CA_GENERATIONS: 50
[~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~^^~~^~~~~^~~^~~~~~~~~~~~~~~~~~~~~~~~~~~~~~
~~~~~~~~~~~~~]
CA_GENERATION: 7 CA_INIT: 0 CA_RULE: 30 CA_WIDTH: 100 CA_GENERATIONS: 50
[~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~^^~^^^^~~^^^^^^~~~~~~~~~~~~~~~~~~~~~~~~~~~~
~~~~~~~~~~~~~]
CA_GENERATION: 8 CA_INIT: 0 CA_RULE: 30 CA_WIDTH: 100 CA_GENERATIONS: 50
[~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~^^~~^~~~~^^^~~~~~~^~~~~~~~~~~~~~~~~~~~~~~~~~
~~~~~~~~~~~~~]
CA_GENERATION: 9 CA_INIT: 0 CA_RULE: 30 CA_WIDTH: 100 CA_GENERATIONS: 50
[~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~^^~^^^^~^^~~^~~~~^^^~~~~~~~~~~~~~~~~~~~~~~~~~
~~~~~~~~~~~~~]
CA_GENERATION: 10 CA_INIT: 0 CA_RULE: 30 CA_WIDTH: 100 CA_GENERATIONS: 50
[~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~^^~~^~~~~~^~^^^^~^^~~~^~~~~~~~~~~~~~~~~~~~~~~~
~~~~~~~~~~~~~]
CA_GENERATION: 11 CA_INIT: 0 CA_RULE: 30 CA_WIDTH: 100 CA_GENERATIONS: 50
[~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~^^~^^^^~~^^~^~~~~~^~^^^^~~~~~~~~~~~~~~~~~~~~~~~
~~~~~~~~~~~~~]
CA_GENERATION: 12 CA_INIT: 0 CA_RULE: 30 CA_WIDTH: 100 CA_GENERATIONS: 50
[~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~^^~~^~~~~^^^~~^^~~~^^~^~~~~^~~~~~~~~~~~~~~~~~~~~
~~~~~~~~~~~~~]
CA_GENERATION: 13 CA_INIT: 0 CA_RULE: 30 CA_WIDTH: 100 CA_GENERATIONS: 50
[~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~^^~^^^^~^^~~^^^~^^^~~^^~^^^~~~~~~~~~~~~~~~~~~~~~~
~~~~~~~~~~~~~]
CA_GENERATION: 14 CA_INIT: 0 CA_RULE: 30 CA_WIDTH: 100 CA_GENERATIONS: 50
[~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~^^~~^~~~~~^~^^^~~~^~~^^^~~^~~^~~~~~~~~~~~~~~~~~~~~
~~~~~~~~~~~~~]
CA_GENERATION: 15 CA_INIT: 0 CA_RULE: 30 CA_WIDTH: 100 CA_GENERATIONS: 50
[~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~^^~^^^^~~^^~^~~~^~^^^^~~^^^^^^~~~~~~~~~~~~~~~~~~~~~
~~~~~~~~~~~~~]
CA_GENERATION: 16 CA_INIT: 0 CA_RULE: 30 CA_WIDTH: 100 CA_GENERATIONS: 50
[~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~^^~~^~~~~^^^~~^^^^^~^~~~~^^^~~~~~~~^~~~~~~~~~~~~~~~~
~~~~~~~~~~~~~]
CA_GENERATION: 17 CA_INIT: 0 CA_RULE: 30 CA_WIDTH: 100 CA_GENERATIONS: 50
[~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~^^~^^^^~^^~~^^^~~~~~^^~~^^~~^~~~~^^^~~~~~~~~~~~~~~~~~
~~~~~~~~~~~~~]
CA_GENERATION: 18 CA_INIT: 0 CA_RULE: 30 CA_WIDTH: 100 CA_GENERATIONS: 50
[~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~^^~~^~~~~~^~^^^~~^~~^^~^^^~^~~^^^~~^~~~~~~~~~~~~~~~~~~
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      ~~~~~~~~~~~~]
490   CA_GENERATION: 19 CA_INIT: 0 CA_RULE: 30 CA_WIDTH: 100 CA_GENERATIONS: 50
491   [~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~^^~^^^^~~^^~^~~~^^^^^~~^~~~~^~~~^^^~^^^^~~~~~~~~~~~~~
      ~~~~~~~~~~~~]
492   CA_GENERATION: 20 CA_INIT: 0 CA_RULE: 30 CA_WIDTH: 100 CA_GENERATIONS: 50
493   [~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~^^~~^~~~^^^~~^^^^~~~~~^^^^~^^^~^^~~~^~~~^~~~~~~~~~~~~~~~~
      ~~~~~~~~~~~~]
494   CA_GENERATION: 21 CA_INIT: 0 CA_RULE: 30 CA_WIDTH: 100 CA_GENERATIONS: 50
495   [~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~^^~^^^^~^^~~^^~~~^~~~^^~~~~^~~~~^~^~^^^~^^^~~~~~~~~~~~~~~~~
      ~~~~~~~~~~~~]
496   CA_GENERATION: 22 CA_INIT: 0 CA_RULE: 30 CA_WIDTH: 100 CA_GENERATIONS: 50
497   [~~~~~~~~~~~~~~~~~~~~~~~~~~~^^~~^~~~~^~~^^^~~^~^^^~^^^~^~~~^^^~^^^~^~~~~^~~^~~~~~~~~~~~~~~
      ~~~~~~~~~~~~]
498   CA_GENERATION: 23 CA_INIT: 0 CA_RULE: 30 CA_WIDTH: 100 CA_GENERATIONS: 50
499   [~~~~~~~~~~~~~~~~~~~~~~~~~^^~^^^^~~^^~^~~^^^~^~~~^~~^^^^~~~^~~^~^^^~^^^^^~~~~~~~~~~~~~~~~~
      ~~~~~~~~~~~~]
500   CA_GENERATION: 24 CA_INIT: 0 CA_RULE: 30 CA_WIDTH: 100 CA_GENERATIONS: 50
501   [~~~~~~~~~~~~~~~~~~~~~~~^^^~~^~~~~^^^~~^^^^~~~^^~^^^^^~~~^~^^^^^~^~~^~~~~~^~~~~~~~~~~~~~~~
      ~~~~~~~~~~~~]
502   CA_GENERATION: 25 CA_INIT: 0 CA_RULE: 30 CA_WIDTH: 100 CA_GENERATIONS: 50
503   [~~~~~~~~~~~~~~~~~~~~~^^~^^^^~^^~~^^^~~~^~^^~~~~~^~^^~^~~~~~^^^^^~~~^^~~~~~~~~~~~~~~~~~~~~
      ~~~~~~~~~~~~]
504   CA_GENERATION: 26 CA_INIT: 0 CA_RULE: 30 CA_WIDTH: 100 CA_GENERATIONS: 50
505   [~~~~~~~~~~~~~~~~~~~^^~~^~~~~^~^^^^~~^~^^~^~^^^^~~^^~^~~~^^~~~^~^^^~~^~~~~~~~~~~~~~~~~~~~~
      ~~~~~~~~~~~~]
506   CA_GENERATION: 27 CA_INIT: 0 CA_RULE: 30 CA_WIDTH: 100 CA_GENERATIONS: 50
507   [~~~~~~~~~~~~~~~~~^^~^^^^~~^^~^~~~^^^~^~~~^~^~~~^^^~~^^^^~^~^^~^~~^^~^~^^^~~~~~~~~~~~~~~~~
      ~~~~~~~~~~~~]
508   CA_GENERATION: 28 CA_INIT: 0 CA_RULE: 30 CA_WIDTH: 100 CA_GENERATIONS: 50
509   [~~~~~~~~~~~~~~~^^~~^~~~~^^^~~^^^^~~~^^^^~^~^^~~^^^~~~~^~~~^^^^^~^~^~~~^~~~~~~~~~~~~~~~~~~
      ~~~~~~~~~~~~]
510   CA_GENERATION: 29 CA_INIT: 0 CA_RULE: 30 CA_WIDTH: 100 CA_GENERATIONS: 50
511   [~~~~~~~~~~~~~^^~^^^^~^^~~^^^~~~~^~^^~~~~~^~~^~^^^^~~~^^~^^~^^^~~~^^^~^^~^^^~~~~~~~~~~~~~~
      ~~~~~~~~~~~~]
512   CA_GENERATION: 30 CA_INIT: 0 CA_RULE: 30 CA_WIDTH: 100 CA_GENERATIONS: 50
513   [~~~~~~~~~~~^^~~^~~~~^~^^^~~^~^^~^~^~~^^^^^~^~~^^^^^^~~^~~~^~^^~~~^~~^~~~^~~~~~~~~~~~~~~~~
      ~~~~~~~~~~~~]
514   CA_GENERATION: 31 CA_INIT: 0 CA_RULE: 30 CA_WIDTH: 100 CA_GENERATIONS: 50
515   [~~~~~~~~~~^^~^^^^~~^^~^~~~^^^~^~~^~^^^^~~~~~^^^^~~~~~^^^^~^^~^~^~~^^^^^^^~~~~~~~~~~~~~~~~
      ~~~~~~~~~~~~]
516   CA_GENERATION: 32 CA_INIT: 0 CA_RULE: 30 CA_WIDTH: 100 CA_GENERATIONS: 50
517   [~~~~~~~~~~~^^~~^~~~^^^~~^^^^~~~^^^~^~~~^^^~^~~~^^~~~~^~~~~^^~~~~^~~^~^~^~~~~~~~~~~^~~~~~~
      ~~~~~~~~~~~~]
518   CA_GENERATION: 33 CA_INIT: 0 CA_RULE: 30 CA_WIDTH: 100 CA_GENERATIONS: 50
519   [~~~~~~~~~~~~~^^~^^^^~^^~~^^^~~~~^~^^~~~~^~^^^^~^~^~^~~~~^^~^^~~~~^^^^^~^~^^~~~~~~~^^^~~~~
      ~~~~~~~~~~~~]
520   CA_GENERATION: 34 CA_INIT: 0 CA_RULE: 30 CA_WIDTH: 100 CA_GENERATIONS: 50
521   [~~~~~~~~~~~~~^^~~^~~~~^~^^^~~^~^^^~^~~~^^^~~^~~~^~~^~~~~^~~^^^^~~~~~^~^~^~~~~^^~~^~~~~
      ~~~~~~~~~~~~]
522   CA_GENERATION: 35 CA_INIT: 0 CA_RULE: 30 CA_WIDTH: 100 CA_GENERATIONS: 50
523   [~~~~~~~~~~~~~~~^^~^^^^^~~^^~^~~~^^^~^~~~^~^^^^~^^^^^~^^^^^~^^^~^^^^^^^^~~~~^~~~^^~^~^~~~^~^~~^^^^^~~
      ~~~~~~~~~~~~]
524   CA_GENERATION: 36 CA_INIT: 0 CA_RULE: 30 CA_WIDTH: 100 CA_GENERATIONS: 50
525   [~~~~~~~~~~~~~~~^^~~^~~~^^^~~^^^^~~~^^^^~^~~~~^~~~~^~~~~~^~~^~~~~^~^^^~^^~~^~^~~^^^~~^~~~^~
      ~~~~~~~~~~~~]
526   CA_GENERATION: 37 CA_INIT: 0 CA_RULE: 30 CA_WIDTH: 100 CA_GENERATIONS: 50
527   [~~~~~~~~~~~~~^^~^^^^~^^~~^^^~~~^~^^~~~~^^~~^^^~~^^^~~~^^^^^~~~^^~^~~~^~^^^~^~^~~^^^^~^^^
      ~~~~~~~~~~~~]
528   CA_GENERATION: 38 CA_INIT: 0 CA_RULE: 30 CA_WIDTH: 100 CA_GENERATIONS: 50
529   [~~~~~~~~~~~~^^~~^~~~~^~^^^~~^~^^~^~~~^~^^^^~~^^^^~^~^^~~~~~^^^^~^^~^^^~~~^~^^^^~~~~^~
      ^~~~~~~~~~~~]
530   CA_GENERATION: 39 CA_INIT: 0 CA_RULE: 30 CA_WIDTH: 100 CA_GENERATIONS: 50
531   [~~~~~~~~~~~^^~^^^^~~^^~^~~^^^~^~~~^~^^^^~~~^~~^^^~~^^^~^~~~^^~^^~~^~~^~^~~^^~^~~~^~^^^^
      ^^~~~~~~~~~~]
532   CA_GENERATION: 40 CA_INIT: 0 CA_RULE: 30 CA_WIDTH: 100 CA_GENERATIONS: 50
533   [~~~~~~~~~^^~~^~~~^^^~~^^^^~~~^^^^~^~~~^^^~^~~~^^^^^~~^^^^~^~^^~~^~^~^~~~^^^^^~~~^~~^~^^^^^~~
      ~~^~~~~~~~~~]
534   CA_GENERATION: 41 CA_INIT: 0 CA_RULE: 30 CA_WIDTH: 100 CA_GENERATIONS: 50
535   [~~~~~~~~^^~^^^^~^^~~^^^~~~^~^^^~~~~^~^^~~~~^^~~^^^~~^~^^^~^~~^~~^~^~^^^~~~~^^^^^~~^~~~~^~~
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         ~^^^~~~~~~~~]
536  CA_GENERATION: 42 CA_INIT: 0 CA_RULE: 30 CA_WIDTH: 100 CA_GENERATIONS: 50
537  [~~~~~~~~^^~~^~~~~^~~~~^~^^^~~~^~^^^~^~~~^^~~^~^~~~~^^~~~^^^~^~~^^^^^^^^^^^~~^~~~^^~~~~^^^^~~^^^~
     ^^~~^~~~~~~~]
538  CA_GENERATION: 43 CA_INIT: 0 CA_RULE: 30 CA_WIDTH: 100 CA_GENERATIONS: 50
539  [~~~~~~~^^~^^^^~~^^~^~~^^^~^~~^~^^^^~^^^~^^~^^~^^~^^^~~~^^^^~~~~~~~~~^^^^~^^~^~~~^^~~~^^^^~~~
     ^~^^^^~~~~~~]
540  CA_GENERATION: 44 CA_INIT: 0 CA_RULE: 30 CA_WIDTH: 100 CA_GENERATIONS: 50
541  [~~~~~~^^~^~~~^^^~~^^^^^~~~^^^^~^~~~~^~~~~^~~^~^~~^~~^~^^~~~^~~~~~~^^^~~~~^~~^^~^^^~^~^^~~~^^^
     ^~^~~~^~~~~~]
542  CA_GENERATION: 45 CA_INIT: 0 CA_RULE: 30 CA_WIDTH: 100 CA_GENERATIONS: 50
543  [~~~~~^^^~^^^^^~^^~~^^^~~~~^~^^~~~~^^~^~~^^^~^^^^^^^^^^^~^~^^^^~~~~~^^^~~~^^^^^^~~^~~~^~^^^^~^
     ~~^^~^^^~~~~]
544  CA_GENERATION: 46 CA_INIT: 0 CA_RULE: 30 CA_WIDTH: 100 CA_GENERATIONS: 50
545  [~~~~^^~~^~~~~^~^^^^~~^~^^~^~^~~^^~^^^~~~^~~~~~~~~~^~^~^~~^~~~~^^~~^^^^~~~~^^^^^^~^~^~^~~~^
     ^^^~~^~~^~~~]
546  CA_GENERATION: 47 CA_INIT: 0 CA_RULE: 30 CA_WIDTH: 100 CA_GENERATIONS: 50
547  [~~~^^~^^^^~~^^~^~~~^^^~^~~~^~^^^^~~^~~~^~^^^~~~~~~^^~^~^^^^^~~^^~^^^~~~^~~^^~~~~~^~^^~^^
     ~~~^^^^^^^~~]
548  CA_GENERATION: 48 CA_INIT: 0 CA_RULE: 30 CA_WIDTH: 100 CA_GENERATIONS: 50
549  [~~^^~~^~~~~^^^~~^^^^^~~~^^^^~^~~~~^^^^^^~^~~~^~~~~~~~^^~~^~^~~~~~^~~^~~~^~^^^^^~^~~~~^^~^~~~
     ^~^^~~~~~~^^]
550  CA_GENERATION: 49 CA_INIT: 0 CA_RULE: 30 CA_WIDTH: 100 CA_GENERATIONS: 50
551  [^^^~^^^^~^^~~^^^~~~^~^^^~~~^^^~^^~~~~~^^^^^~~~~^^~^^^~^~~~~^^^^^^^^~^~~~~~^^^~~^^~~^^^^~
     ^~^~^~~~~^^^]
552  CA_GENERATION: 50 CA_INIT: 0 CA_RULE: 30 CA_WIDTH: 100 CA_GENERATIONS: 50
553  [~~~~^~~~~^~^^^~~^~^^~^~^~~^^~^~^~~~~^^~~~~^~~~^^~^~^~~^~^^~~~~~~~^^~~~~^^~^^^^~^^^^~~~~
     ^~^~^^~~^^~~]
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557  ~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~
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560            /~~~~~~~~\                                    _
561    ##\___/ @)       ~~~~~~~~\                        \ \ ) )
562    |              /~~\~~~~~                      ((     |  \
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564      (~~~   /             _____/~~~~~~~~~~~~   /
565       ~~~~|~                                            /
566         :                                              |
567          \                                             |
568          |                              /        \
569           \   \_          :           \     /~~~\    |
570           /   :~~~~~|   :~~~~~~~~~~|   :     :    :
571          /    :    /    :         /    :    /    :
572       (~~~      ) (~~~     )      (~~~     ) (~~~      )
573        ~~~~~~~~  ~~~~~~~~      ~~~~~~~~  ~~~~~~~~
574         STOMP      STOMP         STOMP     STOMP
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577  ~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~
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580
581  Part 5
582  CA_GENERATION: 0 CA_INIT: 0 CA_RULE: 30 CA_WIDTH: 100 CA_GENERATIONS: 200
583  [~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~^~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~
     ~~~~~~~~~~~~~]
584  CA_GENERATION: 1 CA_INIT: 0 CA_RULE: 30 CA_WIDTH: 100 CA_GENERATIONS: 200
585  [~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~^^^~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~
     ~~~~~~~~~~~~~]
586  CA_GENERATION: 2 CA_INIT: 0 CA_RULE: 30 CA_WIDTH: 100 CA_GENERATIONS: 200
587  [~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~^^~~^~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~
     ~~~~~~~~~~~~~]
588  CA_GENERATION: 3 CA_INIT: 0 CA_RULE: 30 CA_WIDTH: 100 CA_GENERATIONS: 200
589  [~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~^^~^^^^~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~
     ~~~~~~~~~~~~~]
590  CA_GENERATION: 4 CA_INIT: 0 CA_RULE: 30 CA_WIDTH: 100 CA_GENERATIONS: 200
```

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591    [~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~^^~~^~~~^~~~~^~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~
       ~~~~~~~~~~~~]
592    CA_GENERATION: 5 CA_INIT: 0 CA_RULE: 30 CA_WIDTH: 100 CA_GENERATIONS: 200
593    [~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~^^~~^^^^~^^^~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~
       ~~~~~~~~~~~~]
594    CA_GENERATION: 6 CA_INIT: 0 CA_RULE: 30 CA_WIDTH: 100 CA_GENERATIONS: 200
595    [~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~^^~~^~~~~^~~~^~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~
       ~~~~~~~~~~~~]
596    CA_GENERATION: 7 CA_INIT: 0 CA_RULE: 30 CA_WIDTH: 100 CA_GENERATIONS: 200
597    [~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~^^~^^^^^~~^^^^^~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~
       ~~~~~~~~~~~~]
598    CA_GENERATION: 8 CA_INIT: 0 CA_RULE: 30 CA_WIDTH: 100 CA_GENERATIONS: 200
599    [~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~^^~~^~~~~^^^~~~~~^~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~
       ~~~~~~~~~~~~]
600    CA_GENERATION: 9 CA_INIT: 0 CA_RULE: 30 CA_WIDTH: 100 CA_GENERATIONS: 200
601    [~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~^^~^^^^~^^~~^~~~^^^~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~
       ~~~~~~~~~~~~]
602    CA_GENERATION: 10 CA_INIT: 0 CA_RULE: 30 CA_WIDTH: 100 CA_GENERATIONS: 200
603    [~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~^^~~^~~~~^~^^^^~^^~~^~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~
       ~~~~~~~~~~~~]
604    CA_GENERATION: 11 CA_INIT: 0 CA_RULE: 30 CA_WIDTH: 100 CA_GENERATIONS: 200
605    [~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~^^~^^^^~~^^~^~~~~~^~^^^^~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~
       ~~~~~~~~~~~~]
606    CA_GENERATION: 12 CA_INIT: 0 CA_RULE: 30 CA_WIDTH: 100 CA_GENERATIONS: 200
607    [~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~^^~~^~~~^^^~~^^~~^^~^~~~^~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~
       ~~~~~~~~~~~~]
608    CA_GENERATION: 13 CA_INIT: 0 CA_RULE: 30 CA_WIDTH: 100 CA_GENERATIONS: 200
609    [~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~^^~^^^^~^^~~^^^~^^^~~^^~^^^~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~
       ~~~~~~~~~~~~]
610    CA_GENERATION: 14 CA_INIT: 0 CA_RULE: 30 CA_WIDTH: 100 CA_GENERATIONS: 200
611    [~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~^^~~^~~~~~^~^^^~~~^~~^^^~^~~~^~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~
       ~~~~~~~~~~~~]
612    CA_GENERATION: 15 CA_INIT: 0 CA_RULE: 30 CA_WIDTH: 100 CA_GENERATIONS: 200
613    [~~~~~~~~~~~~~~~~~~~~~~~~~~~~~^^~^^^^~~^^~^~~~^~^^^^^~~^^^^^^~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~
       ~~~~~~~~~~~~]
614    CA_GENERATION: 16 CA_INIT: 0 CA_RULE: 30 CA_WIDTH: 100 CA_GENERATIONS: 200
615    [~~~~~~~~~~~~~~~~~~~~~~~~~~~^^~~^~~~^^^~~^^^^~^~~~~^^^~~~~~~^~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~
       ~~~~~~~~~~~~]
616    CA_GENERATION: 17 CA_INIT: 0 CA_RULE: 30 CA_WIDTH: 100 CA_GENERATIONS: 200
617    [~~~~~~~~~~~~~~~~~~~~~~~~~^^~^^^^~^^~~^^^~~~~^^~~^^~~^~~~^^^~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~
       ~~~~~~~~~~~~]
618    CA_GENERATION: 18 CA_INIT: 0 CA_RULE: 30 CA_WIDTH: 100 CA_GENERATIONS: 200
619    [~~~~~~~~~~~~~~~~~~~~~~~^^~~^~~~~^~^^^~~^~~^^~^^^~~^^^~~^^~^~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~
       ~~~~~~~~~~~~]
620    CA_GENERATION: 19 CA_INIT: 0 CA_RULE: 30 CA_WIDTH: 100 CA_GENERATIONS: 200
621    [~~~~~~~~~~~~~~~~~~~~~^^~^^^^~~^^~^~~^^^^^~~^~~~^~~~^^^~^^^~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~
       ~~~~~~~~~~~~]
622    CA_GENERATION: 20 CA_INIT: 0 CA_RULE: 30 CA_WIDTH: 100 CA_GENERATIONS: 200
623    [~~~~~~~~~~~~~~~~~~~^^~~^~~~^^^~~^^^^~~~~~^^^^~^^^~^~~~~^~~~~^~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~
       ~~~~~~~~~~~~]
624    CA_GENERATION: 21 CA_INIT: 0 CA_RULE: 30 CA_WIDTH: 100 CA_GENERATIONS: 200
625    [~~~~~~~~~~~~~~~~~^^~^^^^~^^~~^^^~~~~^~~~~^^~~~~^~^~^^^~^^^~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~
       ~~~~~~~~~~~~]
626    CA_GENERATION: 22 CA_INIT: 0 CA_RULE: 30 CA_WIDTH: 100 CA_GENERATIONS: 200
627    [~~~~~~~~~~~~~~~^^~~^~~~~~^~^^^~~^~^^^~^^^~^~~^^^~^^^~^~^~~~^~~^~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~
       ~~~~~~~~~~~~]
628    CA_GENERATION: 23 CA_INIT: 0 CA_RULE: 30 CA_WIDTH: 100 CA_GENERATIONS: 200
629    [~~~~~~~~~~~~~^^~^^^^~~^^~^~~^^^~^~~~^~~~^^^^~~~^~~^^^~^^^^^~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~
       ~~~~~~~~~~~~]
630    CA_GENERATION: 24 CA_INIT: 0 CA_RULE: 30 CA_WIDTH: 100 CA_GENERATIONS: 200
631    [~~~~~~~~~~~^^~~^~~~^^^~~^^^^~~~^^~^^^^^~~~^~^^^^^~^~~^~~~~~^~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~
       ~~~~~~~~~~~~]
632    CA_GENERATION: 25 CA_INIT: 0 CA_RULE: 30 CA_WIDTH: 100 CA_GENERATIONS: 200
633    [~~~~~~~~~~^^~^^^^~^^~~^^^~~~^~^^~~^~~~^~^^^~^~~~~~^^^^^~~~^^~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~
       ~~~~~~~~~~~~]
634    CA_GENERATION: 26 CA_INIT: 0 CA_RULE: 30 CA_WIDTH: 100 CA_GENERATIONS: 200
635    [~~~~~~~~^^~~^~~~~~^~^^^~~^~^^~^~^~^^^^^~~^^^~~~^~~~~^~^^~~^~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~
       ~~~~~~~~~~~~]
636    CA_GENERATION: 27 CA_INIT: 0 CA_RULE: 30 CA_WIDTH: 100 CA_GENERATIONS: 200
```

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637    [~~~~~~~~~~~~~~~~~~~~~~~~~~~^^~^^^^~~^^~^~~~^^^~^~~^~^~~^^^~^~^^^^~^~^^^^~^~~^^~^~~^^^^~~~~~~~~~~~~
       ~~~~~~~~~~~~~~]
638    CA_GENERATION: 28 CA_INIT: 0 CA_RULE: 30 CA_WIDTH: 100 CA_GENERATIONS: 200
639    [~~~~~~~~~~~~~~~~~~~~~~~~~~^^~~^^~^~~~^^^~^~~^^^^~~~^~~^^^^~^~~^^^~^~^~^^^~^~~^~^~~~^^^~^~~~^~~~~~~~~
       ~~~~~~~~~~~~~~]
640    CA_GENERATION: 29 CA_INIT: 0 CA_RULE: 30 CA_WIDTH: 100 CA_GENERATIONS: 200
641    [~~~~~~~~~~~~~~~~~~~^^~^^^^~^^~~^^^~~~^~^^^~~~~^~^^^^~^~~^^~^^^^~~~^^~^~^^^~~~~~~~~~
       ~~~~~~~~~~~~~~]
642    CA_GENERATION: 30 CA_INIT: 0 CA_RULE: 30 CA_WIDTH: 100 CA_GENERATIONS: 200
643    [~~~~~~~~~~~~~~~~~~~^^~~~^~~~~^~^^^~~^~^~^~~^^^^^~^~~^^^^^^~~^~~~~^~^^~~~^~~^~~^~~~~~~~
       ~~~~~~~~~~~~~~]
644    CA_GENERATION: 31 CA_INIT: 0 CA_RULE: 30 CA_WIDTH: 100 CA_GENERATIONS: 200
645    [~~~~~~~~~~~~~~~~~^^~^^^^~~^^~^~~~^^^^~~~^~^^^^~~~~^^^^^^~~~^^^^^~~^^~^~^~~^^^^^^^^^~~~~~~
       ~~~~~~~~~~~~~~]
646    CA_GENERATION: 32 CA_INIT: 0 CA_RULE: 30 CA_WIDTH: 100 CA_GENERATIONS: 200
647    [~~~~~~~~~~~~~~~~^^~~^~~~~^^^~~^^^^~~~^^^^~^~~~~^~~~~^^~~~~^~~~~^^~~~~^~~^~^~^~~~~~~^~~~~~
       ~~~~~~~~~~~~~~]
648    CA_GENERATION: 33 CA_INIT: 0 CA_RULE: 30 CA_WIDTH: 100 CA_GENERATIONS: 200
649    [~~~~~~~~~~~~~~~^^~^^^^~^^~~^^~~~~^~^^~~~~^^~^^^~^^^~^~^^^~^^^~^~~^^^^^~^~^^~~~~~^^^~~~~
       ~~~~~~~~~~~~~~]
650    CA_GENERATION: 34 CA_INIT: 0 CA_RULE: 30 CA_WIDTH: 100 CA_GENERATIONS: 200
651    [~~~~~~~~~~~~~~^^~~^~~~~^~^^^^~~^~^^~^~^~~^^^~^~~~^~~~^~~^~^~~~^~~^^^^~~~~~^~^~^~~~~^^~^~~~~
       ~~~~~~~~~~~~~~]
652    CA_GENERATION: 35 CA_INIT: 0 CA_RULE: 30 CA_WIDTH: 100 CA_GENERATIONS: 200
653    [~~~~~~~~~~~~~^^~^^^^~~^^~^~~~^^^~^~~~^~^^^^~^^^^~^^^^^^~^~~^^^^^~~~^~~~^^~^~^^~~^^~^^^^~~
       ~~~~~~~~~~~~~~]
654    CA_GENERATION: 36 CA_INIT: 0 CA_RULE: 30 CA_WIDTH: 100 CA_GENERATIONS: 200
655    [~~~~~~~~~~~~^^~~~^~~~^^^~^~~^^^^~~~~^^^^~^~~~~^~~~~^~~~~^~~~~^~^^^~^^~^~^~~^^^^~^~~~^~
       ~~~~~~~~~~~~~~]
656    CA_GENERATION: 37 CA_INIT: 0 CA_RULE: 30 CA_WIDTH: 100 CA_GENERATIONS: 200
657    [~~~~~~~~~~~^^~^^^^~^^~~^^^~~~~^~^^~~~~^^~^^^~~^^~^~^~~^^^~~^^^~~~^^^~^^~~~^^^^^^^
       ~~~~~~~~~~~~~~]
658    CA_GENERATION: 38 CA_INIT: 0 CA_RULE: 30 CA_WIDTH: 100 CA_GENERATIONS: 200
659    [~~~~~~~~~~^^~~^~~~~^~^^^~~^~^^~^~^~~~^^~^^^~~^^^~~^~^^~~~~~^^^~~^^~^^^~~~~~^~^^^^~~~~~^~~
       ^~~~~~~~~~~~~]
660    CA_GENERATION: 39 CA_INIT: 0 CA_RULE: 30 CA_WIDTH: 100 CA_GENERATIONS: 200
661    [~~~~~~~~~^^~^^^^~~^^~^~~~^^^~^~~~^~^^^^~~~^~~~^^^~~^^^^~^~~~~^~~^^^~^~~^^~^^^^~~~~^~~^^^
       ^^~~~~~~~~~~~]
662    CA_GENERATION: 40 CA_INIT: 0 CA_RULE: 30 CA_WIDTH: 100 CA_GENERATIONS: 200
663    [~~~~~~~~^^~~^~~~^^^~^~~^^^^^~~~~^^^^~^~~~^^^^^^~~~^^^^^~~~~^~~^~^^~~~^^^^~~~~^~~^~^^^^^~~~
       ~~^~~~~~~~~~~]
664    CA_GENERATION: 41 CA_INIT: 0 CA_RULE: 30 CA_WIDTH: 100 CA_GENERATIONS: 200
665    [~~~~~~~^^~^^^^~^^~~^^^~~~^~^^^~~~^~^^^~~~^^~~^~^~~~^^^~^~^~^~~~^~~^^^^~~~~~^^^^^^^~~^~~~~^~~
       ~^^^~~~~~~~~~]
666    CA_GENERATION: 42 CA_INIT: 0 CA_RULE: 30 CA_WIDTH: 100 CA_GENERATIONS: 200
667    [~~~~~~^^~~^~~~~^~^^^~~^~^^~^~~~^^~^~^~~~~^^~~~~^^~~~~^~^^~^^^^^^^^~~~^~~~^^~~~~~~^^^~~^^^~
       ^^~~^~~~~~~~~]
668    CA_GENERATION: 43 CA_INIT: 0 CA_RULE: 30 CA_WIDTH: 100 CA_GENERATIONS: 200
669    [~~~~~~^^~^^^^^~~^^~^~~~^^^~^~~~^~^^^^~~^^^~^~~^^^~^^^^~~~~^^^^^^^^^^^~~~^~~~^~~~^~~~~^^^^~~~
       ^~^^^^~~~~~~~]
670    CA_GENERATION: 44 CA_INIT: 0 CA_RULE: 30 CA_WIDTH: 100 CA_GENERATIONS: 200
671    [~~~~~~^^~~^~~~^^^~~^^^^~~~~^^^^~^~~~~^~~~~^~~~^~~^~~^~^^~~~~^~~~~~~~^^^~~~~~^~~^^~^^^~~^~^^~~~^
       ^~^~~~^~~~~~~]
672    CA_GENERATION: 45 CA_INIT: 0 CA_RULE: 30 CA_WIDTH: 100 CA_GENERATIONS: 200
673    [~~~~~^^~^^^^~^^~~^^^~~~^~^^~~~~^^~^~~^~^^~^^^^^^^^^^^~^~^~^^^~~~~~^~^~~~^^^^^~~^~^~^~^^^~^
       ~~^^~^^^~~~~~]
674    CA_GENERATION: 46 CA_INIT: 0 CA_RULE: 30 CA_WIDTH: 100 CA_GENERATIONS: 200
675    [~~~~^^~~^~~~~^~^^^~~^~^^~^~~~^^~^^^~~~^~~~~~~~~^~^~^~~^~~~^^^~~^^^~~~^^^^^~~~^^^^^^~^~^~~~~^
       ^^^~~^~~^~~~~]
676    CA_GENERATION: 47 CA_INIT: 0 CA_RULE: 30 CA_WIDTH: 100 CA_GENERATIONS: 200
677    [~~~^^~^^^^~~^^~^~~~^^^~^~~~^~^^^^~~^~~~^^^~~~~~~~^~^~^^^^^~~^^^^^^~~~^~~^^~~~~~^~~^^~~~~~^~^^^~^^
       ~~~^^^^^^^~~~]
678    CA_GENERATION: 48 CA_INIT: 0 CA_RULE: 30 CA_WIDTH: 100 CA_GENERATIONS: 200
679    [~~^^~~^~~~^^^~~^^^^~~~^^^^~^~~~~^^^^^^~^~~^~~~~~^~~~^~^~~~~~^~~^^~^~^^^^^~^~~~~^^^~^~~~~
       ^~^^^~~~~~^^]
680    CA_GENERATION: 49 CA_INIT: 0 CA_RULE: 30 CA_WIDTH: 100 CA_GENERATIONS: 200
681    [^^^~^^^^~~^^~~^^^~~~~^~^^~~~~^^^~^^~~~~~^^^^^~~~~^~^^^^~~^^^^^~^~~~~~^^^^^^^^~~^~~~~^^~^~~^^~~^^^~
       ^~^~^~~~~~^^^]
682    CA_GENERATION: 50 CA_INIT: 0 CA_RULE: 30 CA_WIDTH: 100 CA_GENERATIONS: 200
```

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683  [~~~~^~~~~^~^^^~~^~^^~^~^^~~^^~^^~~~^~~~^^~~~^~~^^~~~^^~~^~~^~^~^^~~~~~~^^~~~^^~^~^^~^^^~~~~
     ^~^~^^~~^^~~]
684  CA_GENERATION: 51 CA_INIT: 0 CA_RULE: 30 CA_WIDTH: 100 CA_GENERATIONS: 200
685  [~~~~^^~^~^^~^~~^^^~^~^~^~^^^~~^^^~^^~~^^~~^^~~^^~~^^~^^~~^^^~^~^~^~~^^^~~^~~~^^~~^^^~^~^^~~^
     ^~^~^~^^^~^^]
686  CA_GENERATION: 52 CA_INIT: 0 CA_RULE: 30 CA_WIDTH: 100 CA_GENERATIONS: 200
687  [^~^^^~^^^~~^^^^~~~^^^^~^~~~~^~~~~^~^^^~^^^^~~~^~^~^^~~~^~^~^^^~^~^~^^^^~^^^^^
     ~~^~^~^~~~^^^]
688  CA_GENERATION: 53 CA_INIT: 0 CA_RULE: 30 CA_WIDTH: 100 CA_GENERATIONS: 200
689  [~~^~^^^~^^^~~~^~^^^~~~~^^~~^^^^~^^^~^~^~~^^^~~~^^^^^~^^^^^^~^~^~~^^~^^^~^~~~~^~~~~~~
     ^^^~^~^^~^^^]
690  CA_GENERATION: 54 CA_INIT: 0 CA_RULE: 30 CA_WIDTH: 100 CA_GENERATIONS: 200
691  [^^^~^~~^^^~~^~^^~^~^~~~^^~^^^^~~~^~~^^^^~~^~^^^^~~~~~^^^~~~~~^~^^^^^~~^~~~~^~^^^~~^^^^~~~~~^
     ^~~~^~^~~^~~]
692  CA_GENERATION: 55 CA_INIT: 0 CA_RULE: 30 CA_WIDTH: 100 CA_GENERATIONS: 200
693  [^~~~^^^^^~~^^^~^~^~~^~^^^^~~^~~^~^^^^^~~~^^^~^~^~^~~~^^~~^~~~^^^^~^^^~^~^^^~~^~~~^^
     ~^~^^~^^^^^^]
694  CA_GENERATION: 56 CA_INIT: 0 CA_RULE: 30 CA_WIDTH: 100 CA_GENERATIONS: 200
695  [~^~^^^~~~^^^~~~^^^^~^~~~^^^^^^~^~~~^~^^~~~^^^^~^~^^^~^^^^~^~^~~^~^^~^^~~~^~^~^~~~^^^^~^^^~
     ~^~^~~^~~~~~]
696  CA_GENERATION: 57 CA_INIT: 0 CA_RULE: 30 CA_WIDTH: 100 CA_GENERATIONS: 200
697  [^^~^~^~^^^~~^~^^~~~~^^~^^~~~~~~^^~~^^^~^~^~^^^~~~~^~^~~~~~~^~^^^~^~~~^~^^^^^~^^^^^~~~~^~^
     ^^~^^^^^~~~~]
698  CA_GENERATION: 58 CA_INIT: 0 CA_RULE: 30 CA_WIDTH: 100 CA_GENERATIONS: 200
699  [^~~^~^~^~^^^~^~^~~^^~^~^~~~~^^~^^^^~~^~^~^~~^^~^^^^^~~^^^~^~~~^^^^~^^^^^~~~~~^~~~^~~^^~^
     ~~~^~~~~^~~~]
700  CA_GENERATION: 59 CA_INIT: 0 CA_RULE: 30 CA_WIDTH: 100 CA_GENERATIONS: 200
701  [^^^^~^~^~^~~~^~^^^^~^^^^~^^~^^~~^^^~~^~~^^^^~^^~^~~^^^^~~^~~~~^^^^~^^^~~^^^^~~~~~^~~~^^^~~~^
     ^~^^^~~^^^~~]
702  CA_GENERATION: 60 CA_INIT: 0 CA_RULE: 30 CA_WIDTH: 100 CA_GENERATIONS: 200
703  [^~~~~^~^~^^^~^^~^~~~~^~~~~^~^^^~^^^^^^~~~~^~^~^~~~^^^^^~~^^^~~^^^^~~~~^~^^^^^~^~~~^^~~~~^^^
     ~~^~~^^^~~^^]
704  CA_GENERATION: 61 CA_INIT: 0 CA_RULE: 30 CA_WIDTH: 100 CA_GENERATIONS: 200
705  [~^~~~^^~^~^~~^~~^^~~^^^~^^^~^~~~^~~~~^~^^^~^~^^~^^~~~^^^~^^^^~~^^^^~^^^^^~~~^~~~^~^~^^^~~^~~
     ^^^^^^~~^^^^]
706  CA_GENERATION: 62 CA_INIT: 0 CA_RULE: 30 CA_WIDTH: 100 CA_GENERATIONS: 200
707  [~^^^^~~^~^^^^^^^~^^^~~~^~~^^~^^^~~~^~^~~~^~~~^^~^^^~~~^~~^^^^~~~^~~~^^~^^^~^~^~~^^^~^^
     ^~~~~~^^^~~~]
708  CA_GENERATION: 63 CA_INIT: 0 CA_RULE: 30 CA_WIDTH: 100 CA_GENERATIONS: 200
709  [^^~~~^^^^~^~~~~~~~^~~^~^^^^^^~~^~~~^~^^^~^^^^^~^~^~^~^^^^^~~^~^^^^~^^~~~^~~^^^^~~~~^
     ~^~~~^^~~^~~]
710  CA_GENERATION: 64 CA_INIT: 0 CA_RULE: 30 CA_WIDTH: 100 CA_GENERATIONS: 200
711  [^~^~^^~~~^^~~~~~^^^^^~^~~~~^^^^^^~^~^^^~~~~^~~~~^~^~^~^~~~~^^^~^~~~^~~^^~^^^^^^~^~~~^~^^^
     ^^^~^^~^^^^^]
712  CA_GENERATION: 65 CA_INIT: 0 CA_RULE: 30 CA_WIDTH: 100 CA_GENERATIONS: 200
713  [~~^~^~^~^~^^~^~~~^^~~~~~^^~~^^~~~~~~^~^~~~^~~^^~~^^~^~^~^~~~^^~~~^^~^^^^^~~^~~~~~^^~^^^~^~~
     ~~~~^~~^~~~~]
714  CA_GENERATION: 66 CA_INIT: 0 CA_RULE: 30 CA_WIDTH: 100 CA_GENERATIONS: 200
715  [~^^^~^~^~^~~~^^~^^~^~~~~^~~^^^~^^^~~~~~^~^~^^^^^^~~^^^~~~^~^~^~^^^^~^~^^^^^~~~~^^^~~~^~^~~^~
     ~~~^^^^^^~~~]
716  CA_GENERATION: 67 CA_INIT: 0 CA_RULE: 30 CA_WIDTH: 100 CA_GENERATIONS: 200
717  [^^~~^~^~^^^^^~~^~~^^~^^^~~^~~~^~^~~^^^~^~~~~~~^^^~~^^^^~^~^~^~~~^~^~^^^^^~^^^~~~^~^^~^^^^^~^
     ~~^^~~~~~^~~]
718  CA_GENERATION: 68 CA_INIT: 0 CA_RULE: 30 CA_WIDTH: 100 CA_GENERATIONS: 200
719  [^~^^^~^~^~~~^^^^^^~~^~^^^^~^^^~^^^~^^^^~~~~^~~^^^^~~~^~^~^^^^~^^^~^~~~^^^~^~^^^~^~~^~~~~~^
     ^^^~^~~~^^^^]
720  CA_GENERATION: 69 CA_INIT: 0 CA_RULE: 30 CA_WIDTH: 100 CA_GENERATIONS: 200
721  [~~^~~~^~^^~^^~~~~~^^^~^^~~~~^~~^~~~^~~~~^~^~^^~^^^~~^~^^~^~^~~^~~~^~^~^^^~~^~^~~^^^^^~~~~^^
     ~~~~^^~^^^~~]
722  CA_GENERATION: 70 CA_INIT: 0 CA_RULE: 30 CA_WIDTH: 100 CA_GENERATIONS: 200
723  [~^^^^~^^^~^~~^~^~~~~^^~~~~^^~^~~^^^^^^~^^^^~^^^^^^~^~~^^^^~^~~^~^^^^^^^~~^~^~^~^^^^~~~~^~~^^~
     ^~~^^~~^~^~~]
724  CA_GENERATION: 71 CA_INIT: 0 CA_RULE: 30 CA_WIDTH: 100 CA_GENERATIONS: 200
725  [^^~~~^~~^^^^~^^~^^~^~^^~^^^~~~~~^~~~^~~~~^^^^^^~~~^^^^~^~~~~~~^^^^~^~^~~^~~~^~~~^^^^^~
     ^^^^~^^^~~~^]
726  CA_GENERATION: 72 CA_INIT: 0 CA_RULE: 30 CA_WIDTH: 100 CA_GENERATIONS: 200
727  [~~^~^^^^^~~~~^~~^~~^~^~~^~~^~~~~^^^~^^^^~~~^^^^^~^~^~~~~^^~~~~^^~~~~^~^^^^~^^^^^~~~~~~^^
     ^~~~~^~~~^~~]
728  CA_GENERATION: 73 CA_INIT: 0 CA_RULE: 30 CA_WIDTH: 100 CA_GENERATIONS: 200
```

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729    [~^^~^~~~~^~~^^^^^^^^~^^^^^^^^^~~^^~~~~^~~~~^^^^^~~~~^^^~^~~^^^~^^~~^^^~^^^~~~~^~~~~^~~~^~^~~^^^~
       ~^~~^^^~^^^^]
730    CA_GENERATION: 74 CA_INIT: 0 CA_RULE: 30 CA_WIDTH: 100 CA_GENERATIONS: 200
731    [~^~~^~~^~^^^^^~~~~~~^~~~~~^^~^~^^^^^~~^^~^^~~^^~^^~~~^^^^~~^^~^^~~~^~~^^^~~^^~~^^~~^~~^^^^^~^
       ^^^^^~~~^~~~]
732    CA_GENERATION: 75 CA_INIT: 0 CA_RULE: 30 CA_WIDTH: 100 CA_GENERATIONS: 200
733    [^^^^^~^^^~~~~~^~~~~~~^^^~~~~~^^~~~^^~~~^~^~~~~^~^^~^~^^^~^~~~~^^^~^^^~~~^^^~^~^^~~^^^^~~~~~^
       ~~~~~^~^^^~~]
734    CA_GENERATION: 76 CA_INIT: 0 CA_RULE: 30 CA_WIDTH: 100 CA_GENERATIONS: 200
735    [^~~~~~^~~~^~~~^^^~~~~~^~^~~^~~~~^^^~^~^^^~^~~^^^^~~~~^^~^^^^~~~~^^~^^^^~~~^^^^~~^^~~^^^^~~^^
       ^~~~^^~^~~^^]
736    CA_GENERATION: 77 CA_INIT: 0 CA_RULE: 30 CA_WIDTH: 100 CA_GENERATIONS: 200
737    [~^~~~^^^^^^^^~~^~~^^^~^^^^~^~^~~^~^~~~^^^^~~^~~~~^^^^~~^^^~~~^^^^~~^^^^~^~^^^^~^~^~~^^^^^^^~
       ~^~^^~~^^^^]
738    CA_GENERATION: 78 CA_INIT: 0 CA_RULE: 30 CA_WIDTH: 100 CA_GENERATIONS: 200
739    [~^^~^^~~~~~~~^^^^^^~~^~~~~^~^^^^~^^^^~^~~~^^^~^^^~^^~~^~^^^^~^~~~^~^^^^~~~~~^~^~^~~^~^^^^~~~~~^~^
       ^^~^~^^^~~~~]
740    CA_GENERATION: 79 CA_INIT: 0 CA_RULE: 30 CA_WIDTH: 100 CA_GENERATIONS: 200
741    [^^~~^~^~~~~~~^^~~~~~^^^^^~~^^~^~~~^~~~~^^^^~~~^~~^~^^^^~~~~^^^^^~^~^~~^^~^~^~^^^^^~^~~~^~^~^~^
       ~~~^~^~~^~~~]
742    CA_GENERATION: 80 CA_INIT: 0 CA_RULE: 30 CA_WIDTH: 100 CA_GENERATIONS: 200
743    [^~^^^~^^~~~^^~^~~~^^~~~^^^~~^^^~^^^~^~~~~^~^^^^^~~~~^^^~^^~~~^^^^^~~^~^~~~~^^^^^^~~~^
       ^~^^~^^^^^~~]
744    CA_GENERATION: 81 CA_INIT: 0 CA_RULE: 30 CA_WIDTH: 100 CA_GENERATIONS: 200
745    [^~^~~~^~^~^^~~^^~^^~^~^~~^^^~~^~~^~~~^~^^^~~~~~^^~^^~^~^~~^^~~^^^~^~~~~^^^~^^~^~^~~~^^^
       ~~^~~^~~~~^^]
746    CA_GENERATION: 82 CA_INIT: 0 CA_RULE: 30 CA_WIDTH: 100 CA_GENERATIONS: 200
747    [~~~^^~^^~^~^~^^^~~^~~~^~^~~~^^^^^^~~~^~^~~~^~^~~^^^~^^^~^^^^~~~^^^~~~~^^^~^^^~~^^~~
       ^^^^^^^~~^^^]
748    CA_GENERATION: 83 CA_INIT: 0 CA_RULE: 30 CA_WIDTH: 100 CA_GENERATIONS: 200
749    [^^^~~^~~~^~^~^~~^^^^^^~^~^~~^^^~~~~~^~^^~^^^^~^~^^~^^^^~^~~~^~~~^~~~^^^^~^~^^^~^~~~^~~~^^^~^^
       ^~~~~~~^^^~~]
750    CA_GENERATION: 84 CA_INIT: 0 CA_RULE: 30 CA_WIDTH: 100 CA_GENERATIONS: 200
751    [^~~^^^^^^~^~^^^^~~~~~~^~^^^^^~~^~~~^^~^~~^~~~~^~^~~^~~~~^^^^^~^^^~^~^^^^~^~~^^^^^~^^~~~^~
       ~^~~~~^^~~^^]
752    CA_GENERATION: 85 CA_INIT: 0 CA_RULE: 30 CA_WIDTH: 100 CA_GENERATIONS: 200
753    [~^^^~~~~~~^~^~~~^~~~~^^^~^~~~^^^^~^^~~^^^^^~~^^~^^^^^~^^~~^~~~~^~^^^~~~^~^^^^~~^~~~~^~^~^^^
       ^^^~~^^~^^^^]
754    CA_GENERATION: 86 CA_INIT: 0 CA_RULE: 30 CA_WIDTH: 100 CA_GENERATIONS: 200
755    [~^~~~^~~~~^^~^^^^^^~~^^^~~^^~^^^~~~~^~^^^^^~~~~^^~^~^^~~~~^^~^^^^^~^^~^~~~^^~^~^^~~~^^^^~^^~^^~^~
       ~~~^^^~~^~~~]
756    CA_GENERATION: 87 CA_INIT: 0 CA_RULE: 30 CA_WIDTH: 100 CA_GENERATIONS: 200
757    [^^^^^^~~^^~~^~~~^~~^^^~^^^^~~^^~^~~^^^~^~~~^~~^^^^^~~^^^^^~~~~^~~^^^^~^~^~~^^^^^^~~~^~~^^^^~
       ~~^^~~^^^^^~~]
758    CA_GENERATION: 88 CA_INIT: 0 CA_RULE: 30 CA_WIDTH: 100 CA_GENERATIONS: 200
759    [^~~~~~^^^~^^^^^^^^^~~~^~~~^^^~^^^^~~^^^^^^^~^^~~~~^~^^~~^~~^^^^^~~~~^^^^~~^^~^~~^^^^^~~^
       ~^^~^^^~~~^^]
760    CA_GENERATION: 89 CA_INIT: 0 CA_RULE: 30 CA_WIDTH: 100 CA_GENERATIONS: 200
761    [~^~~~^^~~~^~~~~~~~~^~^^^^^~~~^~~~^^^~~~~~~~~^~~^~^^^~^~^^^^~~~^~^~~~^^^^~^^^~~~~~^~^
       ~^~~^~~^~^^^]
762    CA_GENERATION: 90 CA_INIT: 0 CA_RULE: 30 CA_WIDTH: 100 CA_GENERATIONS: 200
763    [~^^~^^~^~^^^~~~~~~^^~^~~~~^~^^^^~^^~~^~~~~~^^^^~^~~~^~^~~~~^~~^~~^^^^~^~^^~~~^~~~^~~~^~~~~^~^
       ~^^^^^^~^~~]
764    CA_GENERATION: 91 CA_INIT: 0 CA_RULE: 30 CA_WIDTH: 100 CA_GENERATIONS: 200
765    [^^~~^~~^~^~~^~~~~^^~~^^~~^^~^~~~~^~^^^^~~~^^^~~~~~^^^^~^^^~^^^^^^^^~~~~~^~^~^~^^^~^^^~^^^~~~^
       ~^~~~~~~~^^^]
766    CA_GENERATION: 92 CA_INIT: 0 CA_RULE: 30 CA_WIDTH: 100 CA_GENERATIONS: 200
767    [~~^^^^^^^~^^^^^~~^^~^^^~^^^~~^^~^~^~~~~^~^^^~~~~^^~~~~^^^~~^~~~~~~~^~~~^^^~^^~^~^~~~^~~~^~^^^
       ~^^~~~~~^^^~~]
768    CA_GENERATION: 93 CA_INIT: 0 CA_RULE: 30 CA_WIDTH: 100 CA_GENERATIONS: 200
769    [~^^^~~~~~~~^~~~~^^^~~^~~~^~~^^^~^~~^^^~^^~^~~^^^^~~~^^^^^^~~~~^^^~^^~^~~^~^~~^^^^~^^^~^~~
       ~^~^~~~^^~^^]
770    CA_GENERATION: 94 CA_INIT: 0 CA_RULE: 30 CA_WIDTH: 100 CA_GENERATIONS: 200
771    [~^~^~~~~^^^~~^^~~^^^^~^^^^^~~~^^^^^^~~~^~~^^^^~~~^~~^^^^^~~~~^~~~~^^~~~^~^^^^~^~^~~~^~~~^~~^^~
       ^^~^^~^^~~^^]
772    CA_GENERATION: 95 CA_INIT: 0 CA_RULE: 30 CA_WIDTH: 100 CA_GENERATIONS: 200
773    [~^~^^~~^^~~~^^^~^^^~~~~~^^^~~~~~~^^^^^~~~~^^^^^^~~~~^~~~^^^~~~~^~~~^^^^~^~^^^^~~~~^~^^^^^~^^^^^~~
       ^~~^~~^~^^^^]
774    CA_GENERATION: 96 CA_INIT: 0 CA_RULE: 30 CA_WIDTH: 100 CA_GENERATIONS: 200
```

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775  [~^~^~^^^~^^^~~~^~~~^~~^^^~^~^^^~^~~~^^^~~~~^^^~~~~^~^^^~^^^~^~~~^~^~^~~^^~^^^~^~~~^^~~~^^
     ^^^^^^~^~~~]
776  CA_GENERATION: 97 CA_INIT: 0 CA_RULE: 30 CA_WIDTH: 100 CA_GENERATIONS: 200
777  [^^~^~^~~~^~~^~^^^^^^~~~~^^^~~^^^~^^^~^~~~~^~^~~~^^^^^^~~~~^^^^^~~~^~~^^^^~^~~~^^^~~^^~
     ~~~~~~~~^^~~]
778  CA_GENERATION: 98 CA_INIT: 0 CA_RULE: 30 CA_WIDTH: 100 CA_GENERATIONS: 200
779  [^~~^~^^^~^^^^^~^~~~~~~~^^^~~~^~~~~^~~^^~^^~~^~^^^~^^^~^~^~~~~^~~~^^^^^~^~^^~~^^^~^
     ~~~~~~~^^~^^]
780  CA_GENERATION: 99 CA_INIT: 0 CA_RULE: 30 CA_WIDTH: 100 CA_GENERATIONS: 200
781  [~^^^~^~~^~~~~~^^~~~~~^^^~~^~^^^^~~^^^^^^~^~^^^~^~~^~^^^^~~~^~^^^^~~~^^^~^^^^~~~~~^~^^^^~^
     ^~~~~~^^~^^]
782  CA_GENERATION: 100 CA_INIT: 0 CA_RULE: 30 CA_WIDTH: 100 CA_GENERATIONS: 200
783  [~^~~~^^^^^~~~^^~^~~~^^~^^^~^~~^^~~~~^^^~^~~~^^^^^~^~~^^^^^^~^~^^^^~~~^^~^~^~~~^^^~^~~~^^
     ~^~~~^^~^^^^]
784  CA_GENERATION: 101 CA_INIT: 0 CA_RULE: 30 CA_WIDTH: 100 CA_GENERATIONS: 200
785  [~^^~^^~~~~^~^^~~^^~^^~~^~~~^^^^~~^~~^^~~~^^~^^~~~^^^^~~~~~^~^~^~^~^^~^^~~^~^~~~^~^^^^~^~
     ~^^~^^~~^~~~]
786  CA_GENERATION: 102 CA_INIT: 0 CA_RULE: 30 CA_WIDTH: 100 CA_GENERATIONS: 200
787  [^^~~^~^~~^^~^~^^^~~^~^^^^~^^~~~^^^^^^~^~^^~^~^~~^^~~~^~~~~^^~^~^~^~^~~^~^^^~^^^~^^~~~^^
     ^^~~^~^^^^~~]
788  CA_GENERATION: 103 CA_INIT: 0 CA_RULE: 30 CA_WIDTH: 100 CA_GENERATIONS: 200
789  [^~^^^~^^^^~~^~^~~~^^^~^~~~~^~^~^^~~~~~^~^~^^^~^^^^~^^^^^~^^^^^~^~^~^~^~^^^^^~^~~~^~~~^^~
     ~~^^^~^~~~^^]
790  CA_GENERATION: 104 CA_INIT: 0 CA_RULE: 30 CA_WIDTH: 100 CA_GENERATIONS: 200
791  [~~^~~~^~~~^^^~^^^^~~~^^~^^~^~^~^~~~~^^~^~^~~~^~~~^^^~^^^^~^^^~^~^~~~^^~^^^^~^^~^^^^~^
     ~^^~~~^^~^^^]
792  CA_GENERATION: 105 CA_INIT: 0 CA_RULE: 30 CA_WIDTH: 100 CA_GENERATIONS: 200
793  [^^^^~^^^^~^^~~~^~~~^~^^~^^^~~^~^~^^^~^^^~^~^^~^~^^~~~^^^^~~^^^^^~~~^~~~^~^^~^^~~^~~^~~~^
     ~^~^~^^~~^~~]
794  CA_GENERATION: 106 CA_INIT: 0 CA_RULE: 30 CA_WIDTH: 100 CA_GENERATIONS: 200
795  [^~~~~^~~~^~^~^^^~^^~^~~~^~^^^~^~^~^^^~^^^~~~^~~~^^^~~^~~~^~^^^~~~~^^^^~^^^^~^^^^^~^~^
     ~^~^~^~^^^^^]
796  CA_GENERATION: 107 CA_INIT: 0 CA_RULE: 30 CA_WIDTH: 100 CA_GENERATIONS: 200
797  [~^~~~^^^~^^^~^~^~~~^~~~^^^^^^^~~~^~^~^~~~^~~~^^^^^^~~^^^^~^^^~^~~~^~~~^~^~^~~~^~~~^~~~~^~
     ~^~^~^~^~~~~]
798  CA_GENERATION: 108 CA_INIT: 0 CA_RULE: 30 CA_WIDTH: 100 CA_GENERATIONS: 200
799  [^^^^^~~~^~~~^~^^~^^^^~~~~~^~^^^~^~^^~^^^~^^~~~~~^^^~~~~^~~~^~^~^^^^^~^~^^~^^^~~^^^~~~~^^^
     ^^~^~^~^^~~~]
800  CA_GENERATION: 109 CA_INIT: 0 CA_RULE: 30 CA_WIDTH: 100 CA_GENERATIONS: 200
801  [^~~~~^~^^^^^~^~~~^~~~~^~~~~^^^~^~~^~^~~^~~~^~^~~~~^^^~^~~~^^^~^^^^~~^^~~~~~^~^~~~^^^^~~^~~
     ~~~^~^~^~^~~~]
802  CA_GENERATION: 110 CA_INIT: 0 CA_RULE: 30 CA_WIDTH: 100 CA_GENERATIONS: 200
803  [^^~~~^^~^~~~~~^^^^^~~^^^^~~^^~^~^^^^^~^^^~~^^^~~^^^^^^~^^^~^~~^^^^^^^~~~~^^^^~~~^^^~^^^^^~~
     ~~^^~^~^~^^^]
804  CA_GENERATION: 111 CA_INIT: 0 CA_RULE: 30 CA_WIDTH: 100 CA_GENERATIONS: 200
805  [~~^^^~~^^~~~~^^~~~~^^^~~^^^~^^^~~~~^~~~~^~~^~^^^~^~~~~^~~^^~~~^~^^~^~~~~~^^^~~~~~^^
     ~^^~~^~^~^~~~]
806  CA_GENERATION: 112 CA_INIT: 0 CA_RULE: 30 CA_WIDTH: 100 CA_GENERATIONS: 200
807  [~^^~~^^^~^~^^~^~~~^^~^^^~~~^~~~^~^~^^^~~~^^^^^~^~~^^^^~~~^^^^^~^~^^~^~^^^^^~~~~^^^~^~~~^^~
     ~^~^^^~^~^^^]
808  CA_GENERATION: 113 CA_INIT: 0 CA_RULE: 30 CA_WIDTH: 100 CA_GENERATIONS: 200
809  [~^~^^^~~~^~^~~^^^^~^^^~~^~^^^^^^^~~^~^^~~~~^^^^^~~~^~^^~~~~^~^~^~^~~~^~^^^~^~^^^^^~~^~^~
     ^^~^~~~^~^~~]
810  CA_GENERATION: 114 CA_INIT: 0 CA_RULE: 30 CA_WIDTH: 100 CA_GENERATIONS: 200
811  [^^~^~~^~^^~^^^^~~~~^~~^^^^~^~~~~~~~^^^~^~^~~~^^~~~^~^^^~^~~~~^^~^^^^~^^~^^^^^~~^~~~^^^~~^
     ~~~^^~^^~^^^]
812  CA_GENERATION: 115 CA_INIT: 0 CA_RULE: 30 CA_WIDTH: 100 CA_GENERATIONS: 200
813  [~~~^^^^~^~~~^~~~^~~~^^^^^~~~^^~~~~^~^~~~^~^^~^^~^~^^^~~~~^^^~^^~~^~~~~^^^^~^^~~^^^
     ^~^^~~^~~^~~]
814  CA_GENERATION: 116 CA_INIT: 0 CA_RULE: 30 CA_WIDTH: 100 CA_GENERATIONS: 200
815  [~~^^~~~~^^^^^~^^^^^~~~~^~^^^~^~~~^^^~^~^^~^~~~^~~~^~^~~^^^^~^~~^~^^^^~~^^^^^^~~^^^^~~~^~^^^~~
     ~~^~^^^^^^^^^]
816  CA_GENERATION: 117 CA_INIT: 0 CA_RULE: 30 CA_WIDTH: 100 CA_GENERATIONS: 200
817  [^^^~^~~^^^~~~~^~~~~^~~^^~^~~^^~^^~^~^~~^~^^^^^~^^^^^~~~^^^^~^~~~^^^~~~~^^^~^~~~^^^~^~~^~
     ~^^~^~~~~~~~]
818  CA_GENERATION: 118 CA_INIT: 0 CA_RULE: 30 CA_WIDTH: 100 CA_GENERATIONS: 200
819  [^~~~^^^^~^~~~^^^~^^^^^^~~^^^^^~^~^^^^~^^^^^^~~~~~^~~~^~~^^~~~^~^^^^~^~^^^~^~~~^^^^~~^^^^
     ^^~~^^~~~~~~]
820  CA_GENERATION: 119 CA_INIT: 0 CA_RULE: 30 CA_WIDTH: 100 CA_GENERATIONS: 200
```

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821  [^^~^^~~~~^^~^^~~^^^~~~~^^^~~~~^^^~^~~~^~~~^~~~~^~~~^^^~^^^^~^^~~^~~^^~~^~^^^^~^^~^~^~~~~^^^~~~~
     ~~^^^~^~~~~~]
822  CA_GENERATION: 120 CA_INIT: 0 CA_RULE: 30 CA_WIDTH: 100 CA_GENERATIONS: 200
823  [^~~^~^~~^~~^~^^^~~^~~~~^~~~^~~~^^~^^~^^^~~^^^^~^~~~~~^~~~~^~~~~^^^^~^^~~~~~^^~~~^^^~~^~^~^~^~~~
     ~^^~~~^^~~~~]
824  CA_GENERATION: 121 CA_INIT: 0 CA_RULE: 30 CA_WIDTH: 100 CA_GENERATIONS: 200
825  [^^^^~^^^^~^^^~^~~^^^^^~^^^~~^~~^^~~^~~~~^~~^~^^^~^^^^~^^^^^~^~^^~~~^~~~^~^^^^~^~^~^~^~^^^^^~~
     ^^~^~^^~^~~~]
826  CA_GENERATION: 122 CA_INIT: 0 CA_RULE: 30 CA_WIDTH: 100 CA_GENERATIONS: 200
827  [^~~~~^~~~~^~~~^^^^~~~~~^~~~~^~^~^^^^~^^^^^^^~~~~^~^~~~^^^^~^^^^^^^~^^^^~~~~^~^~^~^~~~^^
     ^~~^~^~~^^~~]
828  CA_GENERATION: 123 CA_INIT: 0 CA_RULE: 30 CA_WIDTH: 100 CA_GENERATIONS: 200
829  [^^~~^^^^~~^^^~^^~~~~^~~~~^^^~^^^~^~^~^~~~~^~~~~~^^^^~^^^^^~^~~^^^^^~~~^~^~~~~^~^~^^~^^^~
     ~^^^~^^^^~^^]
830  CA_GENERATION: 124 CA_INIT: 0 CA_RULE: 30 CA_WIDTH: 100 CA_GENERATIONS: 200
831  [~~^^^~~^^^~~~^~^~^^^~~^^~~~^~~~^~^~^^~~^^^~~~^^~~~~^~~~~^^^^~~~^^^^^^^^^~^~~^^~~^~^~~~^~^
     ^^~~~^~~~~^^]
832  CA_GENERATION: 125 CA_INIT: 0 CA_RULE: 30 CA_WIDTH: 100 CA_GENERATIONS: 200
833  [^^^~~^^^~~^~^^^~^~^~~^^^^~^~^^^^^~^~^~^^^~~^~^^^~^~^^^^~^^^^~~^~^^^~^~~~~~~~~~^~^^^~^~^^^^~^
     ~~^~^^^~~^^^]
834  CA_GENERATION: 126 CA_INIT: 0 CA_RULE: 30 CA_WIDTH: 100 CA_GENERATIONS: 200
835  [~~~^^^~~^^^~^~~^~^^^^^~~^~^~~~~^~^~^~~^^^^~^~~^^^^~~^^^^~^~^^~^~~~^^~~~^^^^^~^~~~~^~^~~~~^
     ^^^~^~~^^^~~]
836  CA_GENERATION: 127 CA_INIT: 0 CA_RULE: 30 CA_WIDTH: 100 CA_GENERATIONS: 200
837  [~~^^~^~^^^~~~^^^^~^~~~^~^^~^^~~~^^~^~^^^^~~~^^^^~~~^^^~~~^~^~~^^^^~^~~~~^^~^~^^~^~^^~^^~~^^
     ~~~~^^^^~~^^]
838  CA_GENERATION: 128 CA_INIT: 0 CA_RULE: 30 CA_WIDTH: 100 CA_GENERATIONS: 200
839  [^^^~^^^~~^~^^^~~~~^^~^^^~~~^~^~^^~~^~^~~~~^~^^~~~^^~~~~^^^^~~~~^^^~^^^^~~~~^^^~^^^^~~^~^^^^~
     ^~~^^~~~^^^^]
840  CA_GENERATION: 129 CA_INIT: 0 CA_RULE: 30 CA_WIDTH: 100 CA_GENERATIONS: 200
841  [~~~~^~~^^^~^~^~~~^^~~^~~~^^^^~^~~^~^^^^~^^^~^~^~^^~^~^^^^~^^^^~^~~~^~~^^~^~^^^~^~~^^^^^^~^~~~
     ^^^^~^~^^~~~]
842  CA_GENERATION: 130 CA_INIT: 0 CA_RULE: 30 CA_WIDTH: 100 CA_GENERATIONS: 200
843  [~~~^^^^^~~~^~^^^^~^^^^^^~~~~^~^~^~~~~^~~~^~~~^~^~^~^~^~~~^^^^^~^^^^^~~^~^~^^^^^^~~~~~~^~^^
     ^~~~~^~^~^~~]
844  CA_GENERATION: 131 CA_INIT: 0 CA_RULE: 30 CA_WIDTH: 100 CA_GENERATIONS: 200
845  [~~^^~~~~^~^^~^~~~~^~~~~~^~~^^~^~^^~^^^^^^^~^~^^^^~^^~^^~~~~^~~~~^^^~^~^~~~~~^~~~~^^^~~^
     ~^~~^^~^~^^^]
846  CA_GENERATION: 132 CA_INIT: 0 CA_RULE: 30 CA_WIDTH: 100 CA_GENERATIONS: 200
847  [^^^~^~~^^~^~~^^^~^^^^~~^^^^^~~^~^~~^~~~~~~~^^^~~~~^~^~^~~~~^^^^~^^^^~~~~^^^~~~^^^^~~~^^^^
     ~^^^^~~^~^~~]
848  CA_GENERATION: 133 CA_INIT: 0 CA_RULE: 30 CA_WIDTH: 100 CA_GENERATIONS: 200
849  [^~~~^^^^~~^^^^~^^^~~^~^^~~~~^^^~^^^^^~~~~~^^~^~^~^^^^^~^^~^~~^^^^~^~~^^^^~^~^~~^~^^^~~~^~~
     ~^~~~^^^~^^^]
850  CA_GENERATION: 134 CA_INIT: 0 CA_RULE: 30 CA_WIDTH: 100 CA_GENERATIONS: 200
851  [~^~^^~~~^^^~~~~^~~^^^~^~^~~^^~~~^~~~~^~~~~^~~^^~^^^^~~~~^~~^~^^^~~~^~^~~^~^~^^^~~^^^^~
     ^^^~^^~~~^~~]
852  CA_GENERATION: 135 CA_INIT: 0 CA_RULE: 30 CA_WIDTH: 100 CA_GENERATIONS: 200
853  [^^~^~^~^~~~^~~^^^^^~~~~^~^^^^^~^~^^^~~^^^^~~^^^~^~^~~^^^^^~^~^^^~^~^^^^^~^~^~^~~^^^^~~~~
     ^~~~^~^~^^^^]
854  CA_GENERATION: 136 CA_INIT: 0 CA_RULE: 30 CA_WIDTH: 100 CA_GENERATIONS: 200
855  [~~~^~^~^~^^^^^^^~~~~^~^^^~^~~~~^~^~~^^^^~~^^^^~^~~~^^^^^~^^^~~~~~^^^^~^~~^~~~~^~^~^^^^^~~^~~~^
     ^^~^^^~^~^~~~]
856  CA_GENERATION: 137 CA_INIT: 0 CA_RULE: 30 CA_WIDTH: 100 CA_GENERATIONS: 200
857  [~~^^~^~^~^~~~~~^~~^^~^~~~^^~~^^^~^^^^~~^^^~~^^^^^~^^~~~~^~^~~~^^~~~~^^^^^~~^^~^~^~~~^^^^^^
     ~~~^~~^~^^~~]
858  CA_GENERATION: 138 CA_INIT: 0 CA_RULE: 30 CA_WIDTH: 100 CA_GENERATIONS: 200
859  [~^^~~^~^~^^~~~^^^^^~~^^^^~^^^^~^~~~^^^~~^^^~~~~^~^~~~^^~^~^~^~~^^~~~~^^^~~^~^^^~^^~~~~~
     ^~^^^^^~^~^^]
860  CA_GENERATION: 139 CA_INIT: 0 CA_RULE: 30 CA_WIDTH: 100 CA_GENERATIONS: 200
861  [~^~^^^^~^~^~^~^^^~~~~^^^^~~~~^~^~^^^^~^~~~^^^^~^~~^^^^^~^~~^^^^~^~~^^^^~^~^~^~~~~^^^^~^^~~
     ^~^~~~~~^~^^]
862  CA_GENERATION: 140 CA_INIT: 0 CA_RULE: 30 CA_WIDTH: 100 CA_GENERATIONS: 200
863  [~^~^~~~^~^~^~^~~^^~~^~~~^^^^^~~~~^~^~~^^^^^^~~~^~^^^^^^^^~~~~^^^^~^^^^~~~^^^^^~^^^~~~^^^^~^^^~^^
     ~~^^~~~^^~^^]
864  CA_GENERATION: 141 CA_INIT: 0 CA_RULE: 30 CA_WIDTH: 100 CA_GENERATIONS: 200
865  [~^~^^~^~^~^~^~^^^^~^^^^^^~~~~^~^~~^~^~~~^^^^~~~~^^^^^~^~~~~^~~^^~~~~~^~^~^^~~~~^~^~^^~~~~^~^~
     ^^^~^~^^~~^^]
866  CA_GENERATION: 142 CA_INIT: 0 CA_RULE: 30 CA_WIDTH: 100 CA_GENERATIONS: 200
```

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867    [~^~^~~~^~~~^~^~^~^~~~~^~~~~~^~~~^^^^^~~~^^^^~~~^~~~^^~~~~~~^^~~~~~^^^^^~^~~^^^^^~^~^~~^^^^^
       ^~~~^~^~^^^^]
868    CA_GENERATION: 143 CA_INIT: 0 CA_RULE: 30 CA_WIDTH: 100 CA_GENERATIONS: 200
869    [~^~^~^^^^^^^~^~^~^~^~~~^^^~~~~^^^^~~^~~^~~~~^~~~~^~^~~~~~^~~~~~^^~~~~~^^~~~~~^~~~~~^~~~~~^~
       ^^~^^~^~^~~~]
870    CA_GENERATION: 144 CA_INIT: 0 CA_RULE: 30 CA_WIDTH: 100 CA_GENERATIONS: 200
871    [^^~^~^~~~~~~~^~^~^~^^^~~~^~^^~~~~^~~^^~~~^~~^~~~~^^^~~~^^^~~^~^^^~~~^~~^^~~^~^~~~^~~~^~~~~^
       ^~~^~~^~^^~~]
872    CA_GENERATION: 145 CA_INIT: 0 CA_RULE: 30 CA_WIDTH: 100 CA_GENERATIONS: 200
873    [^~~^^~~~~~^^~^~~~^~~^^^~^^~^~~~^^^^^~~~^^^~^~~~^^^^~~~~^^^~^~~~^^^^~~^^~~^^~^^^^~^~^^^^~^~^
       ~^^^^^^~^~^^]
874    CA_GENERATION: 146 CA_INIT: 0 CA_RULE: 30 CA_WIDTH: 100 CA_GENERATIONS: 200
875    [~^^^^~^~~~~^^~~^~^~^^^^~~~~^~^^^^~~~~~^~~~^~^~^^^^~~~~~^~~~^~~~~^~~^^^^~^~~~^~^^^~~~^^~~~^~
       ~^~~~~~~^~^^]
876    CA_GENERATION: 147 CA_INIT: 0 CA_RULE: 30 CA_WIDTH: 100 CA_GENERATIONS: 200
877    [~^~~~^^~^^^~^^^~^~^~~~^~^^^~^~~~^~~~^^^~^^~^~~~~^~~~~^^^~^^^^~^^^^^~~^~^^^^^~^^~^^~^~~^^^^~^^^
       ^^^~~~~^^~^^]
878    CA_GENERATION: 148 CA_INIT: 0 CA_RULE: 30 CA_WIDTH: 100 CA_GENERATIONS: 200
879    [~^^~^^~^~~^~~~^~~~~^~^^~^^^~^~~~^^~^^^~^^~~~~^~~~^^^~^^^~^^~~~~^~~~~^~~~~~^^^~~~~~~^~~~^~~~^^^~~~~^~~
       ~~~^~~^^~~^^]
880    CA_GENERATION: 149 CA_INIT: 0 CA_RULE: 30 CA_WIDTH: 100 CA_GENERATIONS: 200
881    [~^~~~^~^^^^^^^~^^^~^~~~^~~~^^^^~~~^~~~~^~^~~^^^^^^~^~~~~^^~^~~^^^^^~^^^^^~~~~^~~~~^^^^^^^~~~~^~~^^^^~
       ~~^^^^^~^^^^]
882    CA_GENERATION: 150 CA_INIT: 0 CA_RULE: 30 CA_WIDTH: 100 CA_GENERATIONS: 200
883    [~^^^^^~^~~~~~~~~^~~^^^^^^^^^~~~~^^^^~^^~^~^~~~~~^^^^~^^^~^~^~~~~~^~~^^^~^^^^~~^~^^^^~~^~~~~~~~^~^^^^^~~~^
       ~^^~~~~~^~~~]
884    CA_GENERATION: 151 CA_INIT: 0 CA_RULE: 30 CA_WIDTH: 100 CA_GENERATIONS: 200
885    [^^~~~~~^^~~~~~~^^^^^~~~~~~~^~^^~~~~~^~~~^~^^^~~~^^^~~~~~^~~~^^^^^~~~~^~~~^^^~^~~~~~^^^~^~~~~^^^
       ~^~^~~~^^^~~~]
886    CA_GENERATION: 152 CA_INIT: 0 CA_RULE: 30 CA_WIDTH: 100 CA_GENERATIONS: 200
887    [^~~^~~^^~^~~~~^^~~~~~^~~~~~^^~^~^~~~^^^^^~^~~^^^^~^~~^^^^^^~^~~~^~~~~^~^^^^^~^~~~^^~~~^^~~~^^~~
       ~^~~^^~^^^~^^]
888    CA_GENERATION: 153 CA_INIT: 0 CA_RULE: 30 CA_WIDTH: 100 CA_GENERATIONS: 200
889    [~~^^^^~~^^^~^^~^~~^~^^^~~^^^~~^~^^^^~~~~~^~^~~~~^^^^~~~~~^^^^^~~^~^~^~~~^~^~^^^~^~^^~^^^^~^~~
       ^^~^~~^~^^^^]
890    CA_GENERATION: 154 CA_INIT: 0 CA_RULE: 30 CA_WIDTH: 100 CA_GENERATIONS: 200
891    [^^^~~~^^^^~~~^~~^^^^~~^^^~^^^~^~~~~^~~~^^~^^~^^~~~^~~~~^^~~~~^^^~~~^^~^^~^~~~^~^~~~^~~~^~~~^~
       ^~~^^^^~^~~~^]
892    CA_GENERATION: 155 CA_INIT: 0 CA_RULE: 30 CA_WIDTH: 100 CA_GENERATIONS: 200
893    [^~~~^~^^~~^^^^^^^~~~^^^^~~~~^~~~~^~^~^^^~~^~~~^~^~^^^^^^^~^~~~^~^^^~^~^^^^~^~~~~^~^^^~^^^^^~^^^^~^^^
       ^^^^~~~~^^~~]
894    CA_GENERATION: 156 CA_INIT: 0 CA_RULE: 30 CA_WIDTH: 100 CA_GENERATIONS: 200
895    [^^^^~^~^^^^~~~~~^~^^~~^~^^^^~^^^~~^~~~^~^^^^^^^~^~^~~~^~~~^^^^^~^^^~~^^^^^~^~~~~^~~~~~^~~~^^~
       ^~~~^~~^^~^^]
896    CA_GENERATION: 157 CA_INIT: 0 CA_RULE: 30 CA_WIDTH: 100 CA_GENERATIONS: 200
897    [~~~~~^~^~~^~~~^^~^~^^^~^~~~^~^~^^^^^~^^^~^~~~~~~^~^^~^^^^^~~~~^~~^^^~~~~~~^^~~^^^~~~~^^^~^^^^
       ^^~^^^^^~~^^]
898    CA_GENERATION: 158 CA_INIT: 0 CA_RULE: 30 CA_WIDTH: 100 CA_GENERATIONS: 200
899    [^~~~^^~^^^^^~^~^^~~^~^~~~^~^^~^^^~^~~~~^~~~^^^~~~~^^~^~~~^~~~^~~^^^^^~~^~~~^^^^^~~^~^^^~~~^~~~~
       ~~~^~~~~^^^^]
900    CA_GENERATION: 159 CA_INIT: 0 CA_RULE: 30 CA_WIDTH: 100 CA_GENERATIONS: 200
901    [~^~^^~~^~~~~^~^^^^~^^~^^^~~^~~~^~~^~~^^^^^~^~~~^~~^^^^^~~^^^^^~~~~^^^^~~^~^~^~^^^^^~^~^~^^^^^~~
       ~~^^^~~^^~~~]
902    CA_GENERATION: 160 CA_INIT: 0 CA_RULE: 30 CA_WIDTH: 100 CA_GENERATIONS: 200
903    [^^~^~^^^^^~~~^^~^~~~~^~~~^~^^^^^^~^^^~~~~~^^^^~^^^~~~~^^^~~~~~^~~^^~~~^^^~^^^^^^~~~~^~^~^~~~^~
       ~^^~~~^^^~^~~]
904    CA_GENERATION: 161 CA_INIT: 0 CA_RULE: 30 CA_WIDTH: 100 CA_GENERATIONS: 200
905    [^~~~^~^~~~~^~^^~~~^^~^^^^^^~^~~~~~~~^~~^~~~~^^~~~~~^~~^~~^~~~^~~^^^^^~^~^^~~~^~~~~~^~^^^~^^^^^
       ^^~^^^~~~^^^]
906    CA_GENERATION: 162 CA_INIT: 0 CA_RULE: 30 CA_WIDTH: 100 CA_GENERATIONS: 200
907    [~^^^^~^^~^^~^~^^^^~~^~~~~~~^^~~~~^^^^^^~~^~~~^^^^^^^^^~~^~~~^^^^^^^~~^^^^^^~~~~~^~^~^^^^^~~~^^~^~^~~~~
       ~~~^~~^~^^~~]
908    CA_GENERATION: 163 CA_INIT: 0 CA_RULE: 30 CA_WIDTH: 100 CA_GENERATIONS: 200
909    [^^~~~^~^~~~^~^~~^^^^~~~^^~^~~^^~~~~~~^~~^^^^~~~~~~~^~~~~~^~~~^~^~^~^~~^~^~^~^~~^^^^^^^^~~~
       ~~^^^^^~^~^^]
910    CA_GENERATION: 164 CA_INIT: 0 CA_RULE: 30 CA_WIDTH: 100 CA_GENERATIONS: 200
911    [~~^~^^^^^^^^~^^^^~~~^~^^^~~^^^^^~^~~~~^^^^~~~~^~~~~~^^^^~~~~^^^~^~^~^~^^^^^~^^^^~~~~~^~^~~
       ~^^~~~~~^~^^^]
912    CA_GENERATION: 165 CA_INIT: 0 CA_RULE: 30 CA_WIDTH: 100 CA_GENERATIONS: 200
```

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913  [^^^~^~~~~~~~~^~~~^~^^~^~^^^~~~~^^~~^^~~~~^~^^^~~^^~^~~^~^~^~~~^~^^^~^~^~~~~^~^~~~^~^^^^^
     ^^~^~~~^^~^^]
914  CA_GENERATION: 166 CA_INIT: 0 CA_RULE: 30 CA_WIDTH: 100 CA_GENERATIONS: 200
915  [~~~~^^~~~~~^^^^^^^~~^~^~~^~~^~~~~^^~^^^^~^~^~~^~~^^^^^^^~^~~~^~~^^^^~~~^^~^^~~^^^^^^^~~^~~
     ^~~^^~^^~~^^]
916  CA_GENERATION: 167 CA_INIT: 0 CA_RULE: 30 CA_WIDTH: 100 CA_GENERATIONS: 200
917  [^~~^^~^~~~~^^~~~^~~^^^^^~^^^^^^~~^~~~^^^~~^^^^^^~~~~^~^~~^^~^^^~^~^~~~~^^^^
     ^^^^~~^~^^^^]
918  CA_GENERATION: 168 CA_INIT: 0 CA_RULE: 30 CA_WIDTH: 100 CA_GENERATIONS: 200
919  [~^^^~^^^~~^~^^^^^^~~~~^~~~~~^^^^~^^~~~^^^~~~~~^^^^~^^^~^^^^^~^~~^~~^^^^~~~^^^~~~
     ~~~~^^^~^~~~]
920  CA_GENERATION: 169 CA_INIT: 0 CA_RULE: 30 CA_WIDTH: 100 CA_GENERATIONS: 200
921  [^^~~^^^^^^^^~~^~^~~~~^~~^^^~~~~^^^~~~~^~^~^^^^~^~~~^^^~~~~^~^~~~^^^^^^^^^^~~~^~^~^^~^~~~
     ~~~^^^~~~^^~~]
922  CA_GENERATION: 170 CA_INIT: 0 CA_RULE: 30 CA_WIDTH: 100 CA_GENERATIONS: 200
923  [^~^^^~~~^~~^^^~^^~~^^^^^~~^~~^^~^~~^^~^~^~^^^^~~^^~^~~^^^^~^^~^~~~~~^~~~^~^^^^^~~^^~~
     ~~^^~^~^^~~^^]
924  CA_GENERATION: 171 CA_INIT: 0 CA_RULE: 30 CA_WIDTH: 100 CA_GENERATIONS: 200
925  [~~^~~^~^^^^^~~~^~^^^~~~~^^^^^^~~^^^^~~^~^~^~~~^^^~~^^^^^~~~~^~^~^~~~~^^^~^^~~~~^^^^~^~
     ~^^~~^~^~~^^]
926  CA_GENERATION: 172 CA_INIT: 0 CA_RULE: 30 CA_WIDTH: 100 CA_GENERATIONS: 200
927  [^^^^^^~^~~~~^~^^~^~~~^~~^^~~~~~^^^~~~~^^^~^~^^~^~~^^^^~~~^~~~~^^^^^~^~~~^~~~^~~^^^~~~^^
     ^^~^^^~^^^^^]
928  CA_GENERATION: 173 CA_INIT: 0 CA_RULE: 30 CA_WIDTH: 100 CA_GENERATIONS: 200
929  [~~~~~~~^^~~^^~^~~^^^^^^^~^~~~^~~~^~^^~~~^~^~~^~^^^^~^^^^^^~~~~~^~^^^~^~^^^^^^~^^^~^~^^^~
     ~~~^~~~^~~~~]
930  CA_GENERATION: 174 CA_INIT: 0 CA_RULE: 30 CA_WIDTH: 100 CA_GENERATIONS: 200
931  [~~~~~~^^~^^^^~~^^^^~~~~~~~^^~^^^~^^^~^~^~^^~^^^^~^~~^^^^^~^~~^^^^^~~~~^~^~~~~^~^~~^~~^
     ~~^^^~^^^~~~]
932  CA_GENERATION: 175 CA_INIT: 0 CA_RULE: 30 CA_WIDTH: 100 CA_GENERATIONS: 200
933  [~~~~~^^~^~~^~~^^^~~~^~~~~~^^~~^~~^~~~^~^~^~^~^~~~~^^^^^~~~^^~^^~^~^~^~~~^^~^^~^~~~^^^~^~^~~^
     ^^^~~~^~~^~~]
934  CA_GENERATION: 176 CA_INIT: 0 CA_RULE: 30 CA_WIDTH: 100 CA_GENERATIONS: 200
935  [~~~~^^~^^^^^^~~^~^^^~~~^^~^^^^^^~^^^~^~^^^^^~~^^^~~~^~^^^~~~^~^^~~~^~^~^^^^~^~~^~^~^^^~~^~~^
     ~~~^~^^^^^^^^]
936  CA_GENERATION: 177 CA_INIT: 0 CA_RULE: 30 CA_WIDTH: 100 CA_GENERATIONS: 200
937  [^~~^^~~^~~~~^^^~^~~~^~^^~^~~~~~~~~^~~^~^~~~~^^^~^~^^~^~^^^^^^^~~^~~^^^^^~^~~^~^~^^^^^^^~^
     ^~^^~^~~~~~~]
938  CA_GENERATION: 178 CA_INIT: 0 CA_RULE: 30 CA_WIDTH: 100 CA_GENERATIONS: 200
939  [^^^^~^^^^^~~~^^~~~^^^^^~^~^^^^^~~~~^^^^^~^^~^~^~~~^~~~~^~~^~^~~~~~~~^^^^^~~~~~^~^~^~^~~~~^
     ~~^~~^^~~~~~]
940  CA_GENERATION: 179 CA_INIT: 0 CA_RULE: 30 CA_WIDTH: 100 CA_GENERATIONS: 200
941  [^~~~~^~~~^~^^~^~^^^~~~~^~^~~~~^~~~^^~~~~~^~^^^~^~^^^~^^^^~^^~~~~~~^~^~~~^~~~~^^^~^~^^~~~^^
     ^^^^^^~^~~~~]
942  CA_GENERATION: 180 CA_INIT: 0 CA_RULE: 30 CA_WIDTH: 100 CA_GENERATIONS: 200
943  [^^~~~^^^~^~^~^~~^~^~^~~^^^~^^~^^^^~^^^^~^^^~^~~~~^^^~^~~~~^~^~~^~~~~^~^~~~~~^^^~^~^^^^~^^^~
     ~~~~~~~^^~~~]
944  CA_GENERATION: 181 CA_INIT: 0 CA_RULE: 30 CA_WIDTH: 100 CA_GENERATIONS: 200
945  [^~^^^~~~~^~~~^^^^^~^~^^^^^~~~^~~^~~~~^~~^^^^~^~~^^^^~^^~~~~~^~^^^^~~~^~~~~~^~^^^^~^^^^^~^~^~^~~^
     ~~~~~~^^~^~~~]
946  CA_GENERATION: 182 CA_INIT: 0 CA_RULE: 30 CA_WIDTH: 100 CA_GENERATIONS: 200
947  [^~^~~^~^^^^^~~~~~^~^~~~^^^^^^^~^^^^^~~^~^^^^~^~^~~~~^^^^~~~^~^~^^^^~~~^~~~^~^^^^~^^^^~^~^~^~^~~^
     ^~~~~^^~~^^^]
948  CA_GENERATION: 183 CA_INIT: 0 CA_RULE: 30 CA_WIDTH: 100 CA_GENERATIONS: 200
949  [~~^^^^~^~~~~^~~^^~^^~^^^~~~~~~^~~~~^^^~^~~^^^^^^^~~^^~~~^^^~^~^~~^~~~~^~~~~^~^^^^~^^~^~^~~^
     ~^~~^^~^^^^~~]
950  CA_GENERATION: 184 CA_INIT: 0 CA_RULE: 30 CA_WIDTH: 100 CA_GENERATIONS: 200
951  [~^^~~~~^^~~~^^^^^~~^~~^~^~~~~~^^^~~^^~~~^^^^~~~~~^^^~^^^^~~~^~^^^^^~^^^~^~^~^~~~^~~^~^~^~^
     ~^^^^~~^~~^^]
952  CA_GENERATION: 185 CA_INIT: 0 CA_RULE: 30 CA_WIDTH: 100 CA_GENERATIONS: 200
953  [~^~^~~~^~^^^^~~~~^^^^^^~~^^~~~^^~^^^^~^~^~~~^~~~~^^~~~~^~~~^^^~^~~~~~^~~~^~~^^~^^^^^~^~^~^
     ~^~~~^^^^^^^]
954  CA_GENERATION: 186 CA_INIT: 0 CA_RULE: 30 CA_WIDTH: 100 CA_GENERATIONS: 200
955  [~^~^~^^^^~~^~~^~~^^~~~~~^~^~^^^~^^^~~~^~^~^^^~~^^^~^~~~~~^~~~~^^^~^^^^^~~^~~~~~^~^~^
     ~^^~^^~~~~~]
956  CA_GENERATION: 187 CA_INIT: 0 CA_RULE: 30 CA_WIDTH: 100 CA_GENERATIONS: 200
957  [^^~^~~~^^^^^^^~^~~~~^^^~^~^~~~^~^~^~^~^~~^~^^^^~^^^~~~~^^^^~^^~~~^^^~^^~~~^~~~^^^^^~~~^^^~^~^
     ~^~~^~^~~~~~]
958  CA_GENERATION: 188 CA_INIT: 0 CA_RULE: 30 CA_WIDTH: 100 CA_GENERATIONS: 200
```

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959   [^~~^^~^^~~~~~~~~^^~~^^~~^~^^^^^^^~^~~~^~^~^^^^~~^^^^~^^~~~^^~~~~^~^~^^^^~~^^^~~~^~^^^~~^^
      ~^^^^~^^~~~~]
960   CA_GENERATION: 189 CA_INIT: 0 CA_RULE: 30 CA_WIDTH: 100 CA_GENERATIONS: 200
961   [^^^^~~^~^~^~~~~~~^^~^^^~^^^~^~~~~~~~^^^~~^~^~~~^^^~~^^~^~^^~^~~^^~~~~^~^~^^^~^~^^~^^^^^^
      ~^~~~~^~^~~~]
962   CA_GENERATION: 190 CA_INIT: 0 CA_RULE: 30 CA_WIDTH: 100 CA_GENERATIONS: 200
963   [^~~~^^^~^^~~~~~^^~~^~~~~^~~~^^^~~~~^^~~~~^^~~~~^~^^^~^~^^~^~^~~^^^^~~^~^~^^^~~~~^~^~~^~^~~~^
      ~^^~~^^~^^~~]
964   CA_GENERATION: 191 CA_INIT: 0 CA_RULE: 30 CA_WIDTH: 100 CA_GENERATIONS: 200
965   [^^~^^~~~^~^~~~^^~^^^^~^^^^~^^^^~^^~^~~~~^^^~^~~~^^~^^~~~^~^^^^~~~^~^^^^~~~^^^^~^~~~~^~^^~^^
      ~^~^^^~~^~^^]
966   CA_GENERATION: 192 CA_INIT: 0 CA_RULE: 30 CA_WIDTH: 100 CA_GENERATIONS: 200
967   [~~~^~^~^^~^^~^^~~^~~~~^~~~^~~^^~^^^~~^^^^~~^^^^~^~~~^^^^~^~~~~^~^^~~~^^^^^~^~~^^^~~~^~~~~^~
      ~^~^~^~~^^^~^^]
968   CA_GENERATION: 193 CA_INIT: 0 CA_RULE: 30 CA_WIDTH: 100 CA_GENERATIONS: 200
969   [^~^^~^~^~~^~~^~^^^^~~^^^~^^^^^~~^~^^^~~~~^^^~~~~^^^~^~~~~^^~^^^~~~~^^^^~^~^~^~^~~^~~^^^^~~^^^^^
      ^^~^^^^~~~^^]
970   CA_GENERATION: 194 CA_INIT: 0 CA_RULE: 30 CA_WIDTH: 100 CA_GENERATIONS: 200
971   [~~^~~^~^^^^^^^~^~~~^^^~~~^~~~~^^^~^~~~^~^^~~^~~~^^~~^~^~^~~^^^~^~^~^~~^^^^^^~~~~^^^~~~~~
      ~~~^~~~^~^^^]
972   CA_GENERATION: 195 CA_INIT: 0 CA_RULE: 30 CA_WIDTH: 100 CA_GENERATIONS: 200
973   [^^^^^~^~~~~~~^^~^^~~^~^^^~~^^~~~^^^^~^~^^^^^~^^^~~~^^^^~^^^^^~^~^^^~~~~~^~~^^~~^^~~~
      ~~^^^~^^~^~~]
974   CA_GENERATION: 196 CA_INIT: 0 CA_RULE: 30 CA_WIDTH: 100 CA_GENERATIONS: 200
975   [^~~~~~~^^~~~~~^^~~^~^^^~^~~^^^^~^~^^~~~~^~^~~~~~^~~~^~~~~^~~~~~^~^~~~^~~~~^^^^^~^^^^~~~
      ~^^~~~^~~^^^]
976   CA_GENERATION: 197 CA_INIT: 0 CA_RULE: 30 CA_WIDTH: 100 CA_GENERATIONS: 200
977   [~^~~~~^^~^~~~^^~^^^~^~~~~^^^^~~~^~^~^~~^^~^^~~~~^~^^^~~~~^^~~~~~^^~^^~^^~~~~^~~~~^~~
      ^^~^~^^^^^~~]
978   CA_GENERATION: 198 CA_INIT: 0 CA_RULE: 30 CA_WIDTH: 100 CA_GENERATIONS: 200
979   [^^^~~^^~~^^~^^~~^~~~^^~^^~^~~~~^~^^~^~^^^^~~^~^~~^^~~~^~~^^~~~^~~^^^~^~~~^^^~^~~~^
      ^~~^~^~~~~^^]
980   CA_GENERATION: 199 CA_INIT: 0 CA_RULE: 30 CA_WIDTH: 100 CA_GENERATIONS: 200
981   [~~~^^^~^^^^~~^~^^^^~^^^~~^~^~^^^~^~~^~^~~~^^^~^^^^^~^~^^^^^~~^^^^^~^^^^^^^^^~~~^^^~^^~~^~~~
      ~^^^~^^~~^^^]
982   CA_GENERATION: 200 CA_INIT: 0 CA_RULE: 30 CA_WIDTH: 100 CA_GENERATIONS: 200
983   [^~^^~~~^~~^^^~^~~~~^~^^^~^~^~~^^^^~^^^~^^~~~^~~~~^~^~~~~^^^~~~~~^~~~~~~~^~^^~~^~^~^^^~~
      ^^~~~^~^^^~~]

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1002        (~~~     )(~~~     )      (~~~     )(~~~     )
1003         ~~~~~~~~  ~~~~~~~~        ~~~~~~~~  ~~~~~~~~
1004          STOMP      STOMP           STOMP      STOMP

1007   ~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~
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