

DatasetVisualization

April 25, 2020

```
In [4]: import numpy as np
import json
import matplotlib.pyplot as plt
import matplotlib as mpl
import seaborn as sb
import os
from os import listdir
from os.path import isfile, join
from enum import Enum
%load_ext autoreload
%autoreload 2
from ExtractInfoFromGrid import show_single_training_example_visually, read_single_training_example_visually
#from ExtractInfoFromGrid import *
#from DatasetVisualization import *
```

The autoreload extension is already loaded. To reload it, use:
%reload_ext autoreload

```
In [12]: mypath = '../..//ARC_Dataset/mini_training/OP_EQUAL_IP/NonColoredDataset'
onlyfiles_train = [join(mypath, f) for f in listdir(mypath) if isfile(join(mypath, f))]
onlyfiles_train.sort()
print(f"Total files in mini training are {len(onlyfiles_train)}")

mypath = '../..//ARC_Dataset/mini_testing/OP_EQUAL_IP/NonColoredDataset'
onlyfiles_test = [join(mypath, f) for f in listdir(mypath) if isfile(join(mypath, f))]
onlyfiles_test.sort()
print(f"Total files in mini testing are {len(onlyfiles_test)}")
```

Total files in mini training are 59
Total files in mini testing are 43

```
In [15]: print('Visualizing files in mini training')
i = 0
for filename in onlyfiles_train:
    print(f'i = {i}')
    train_list, test_list = read_single_training_example(filename)
```

```

show_single_training_example_visually(train_list, test_list, filename, removeColor
i += 1

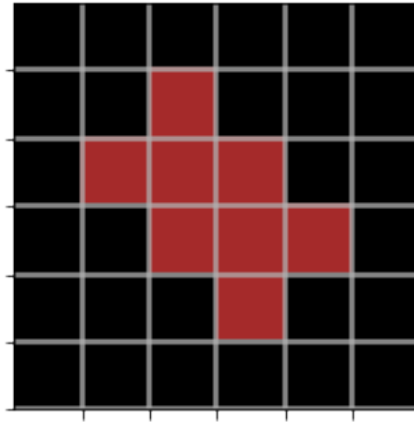
```

Visualizing files in mini training
i = 0

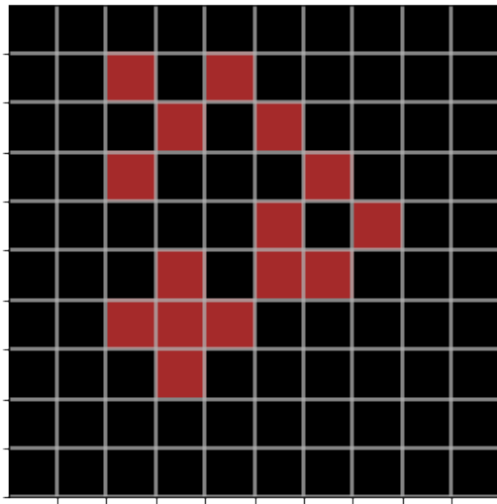
00d62c1b.json Tr Input



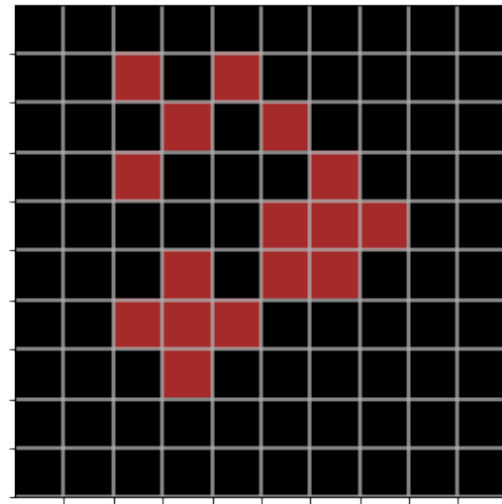
00d62c1b.json Tr Output



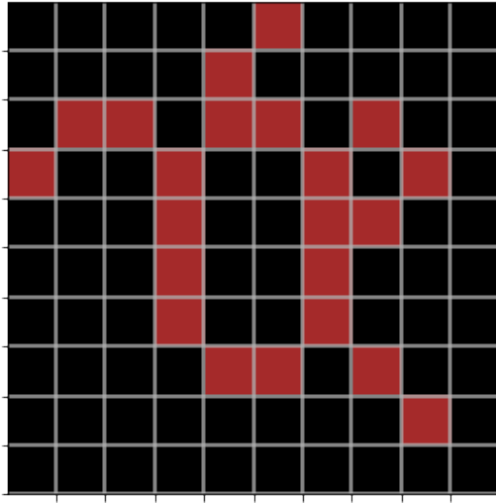
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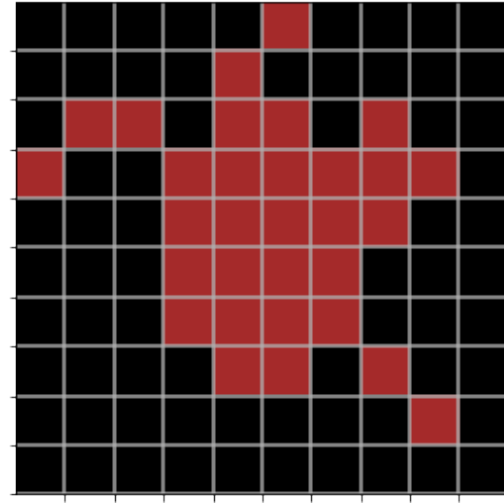
00d62c1b.json Tr Output



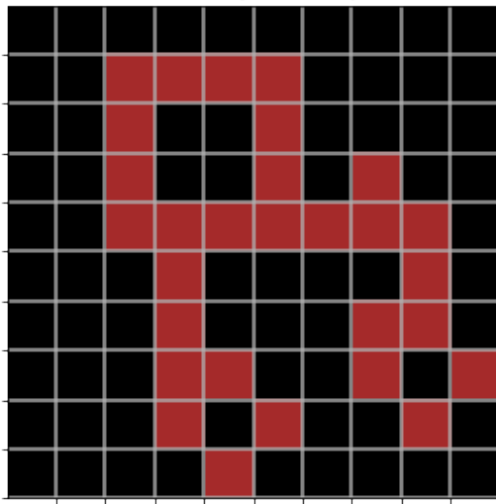
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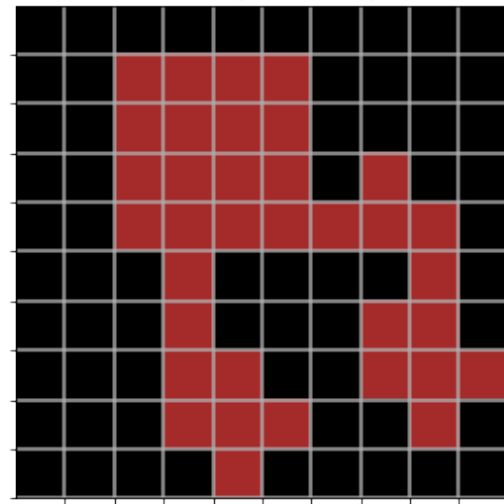
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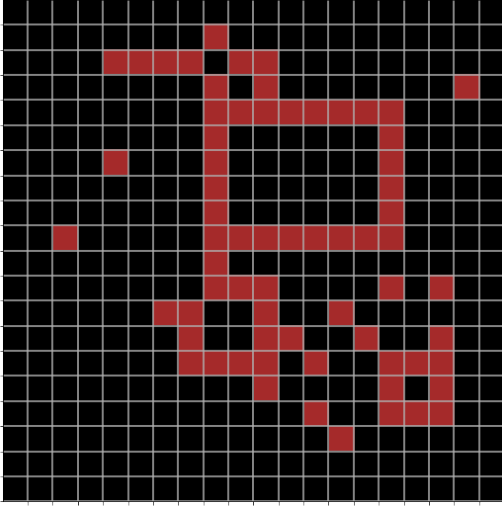
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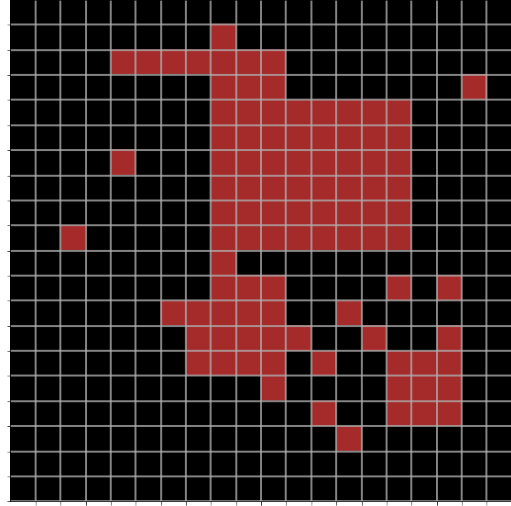
00d62c1b.json Tr Output



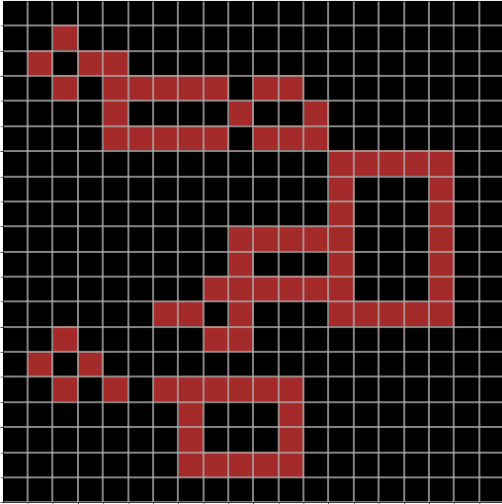
00d62c1b json Tr Input



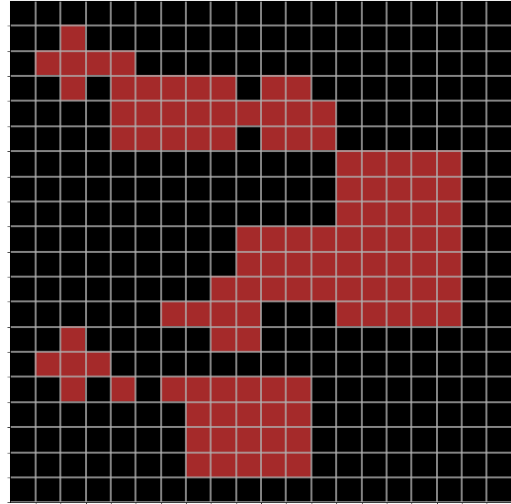
00d62c1b json Tr Output



00d62c1b json Te Input

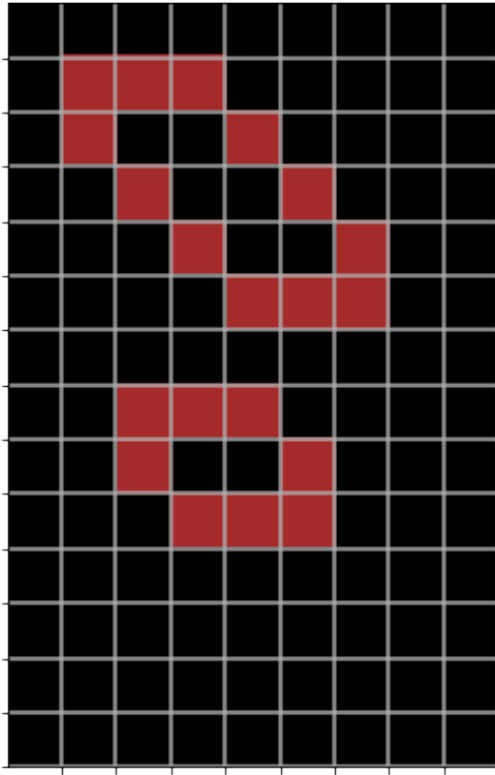


00d62c1b json Te Output

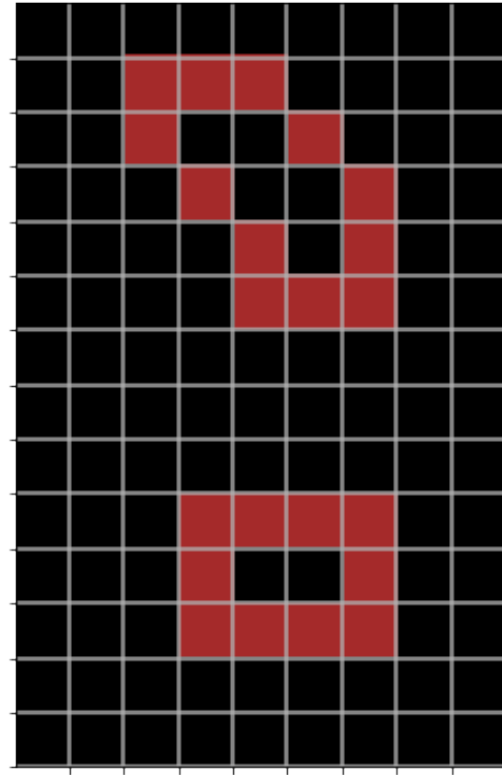


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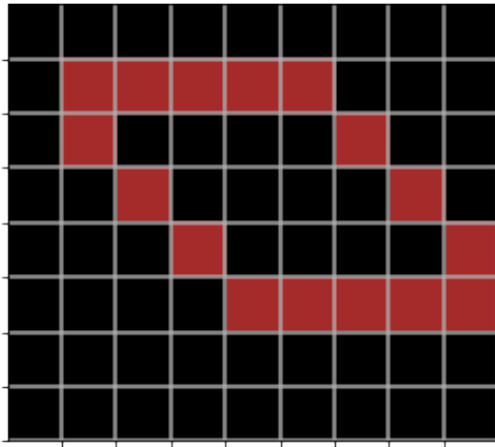
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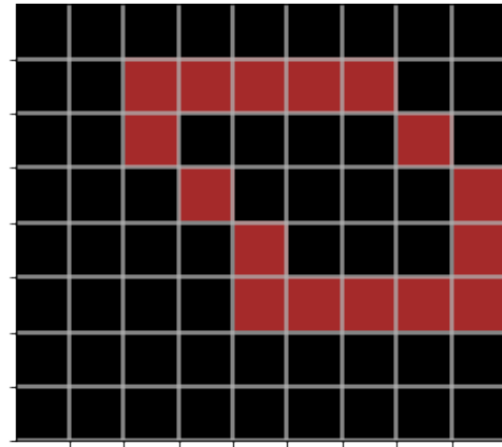
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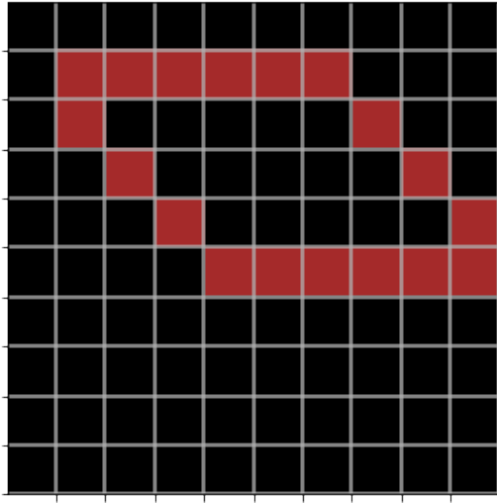
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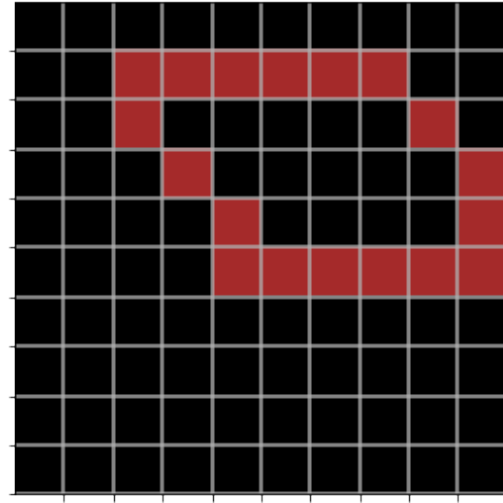
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025d127b.json Te Input

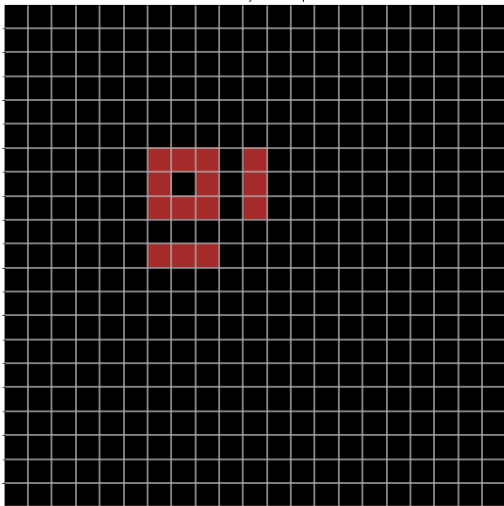


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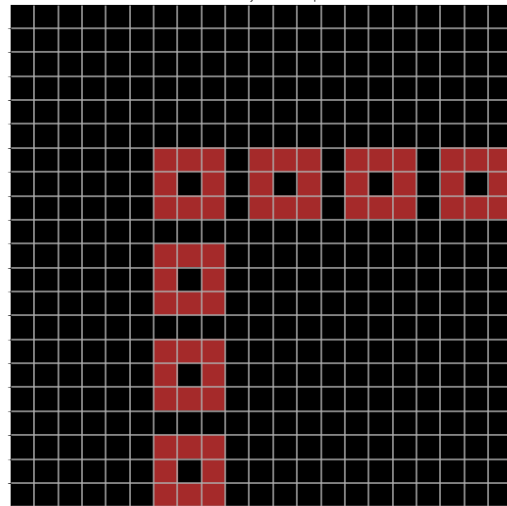


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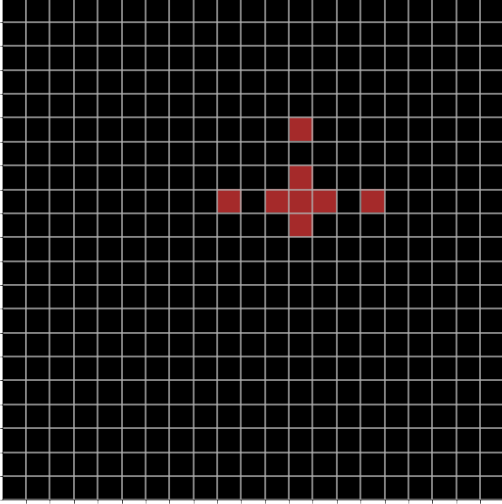
045e512c.json Tr Input



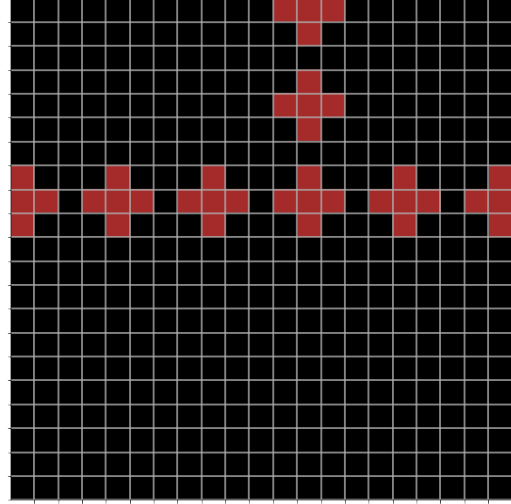
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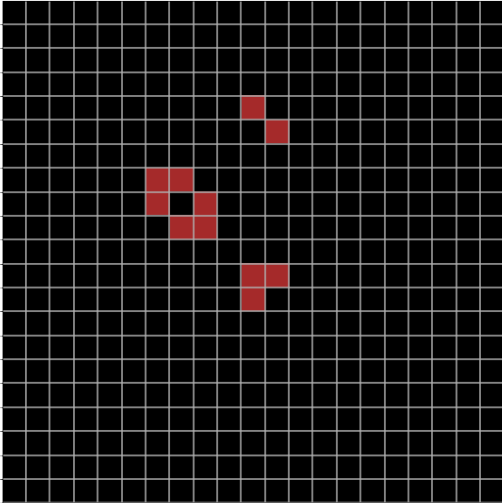
045e512c.json Tr Input



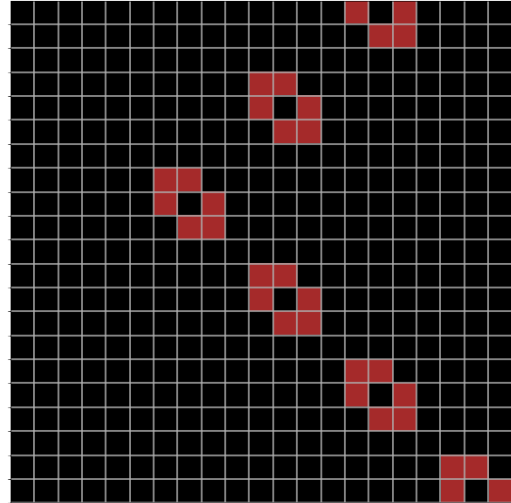
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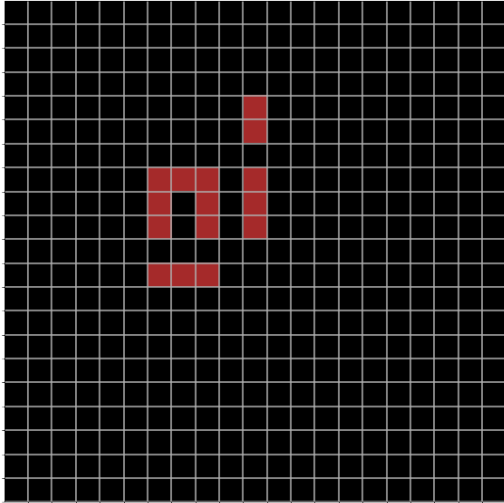
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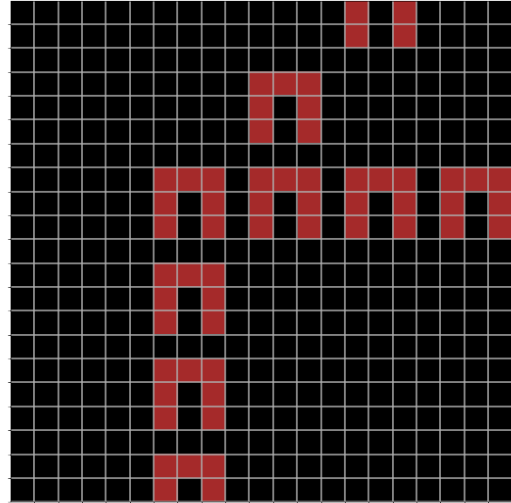
045e512c.json Tr Output



045e512c.json Te Input

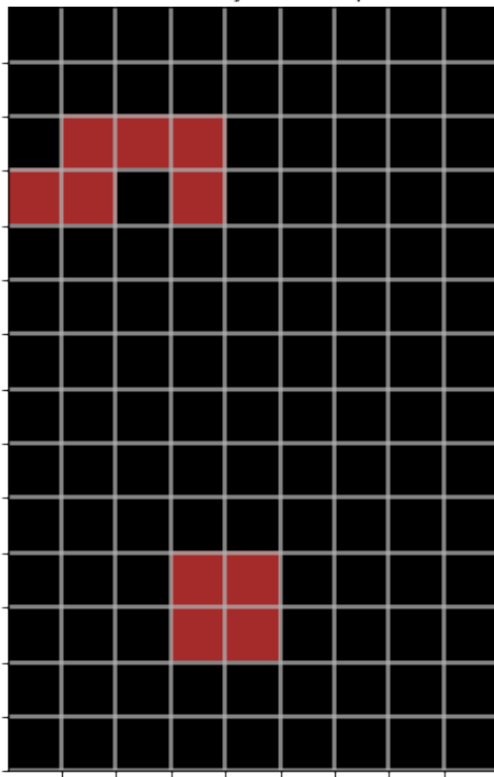


045e512c.json Te Output

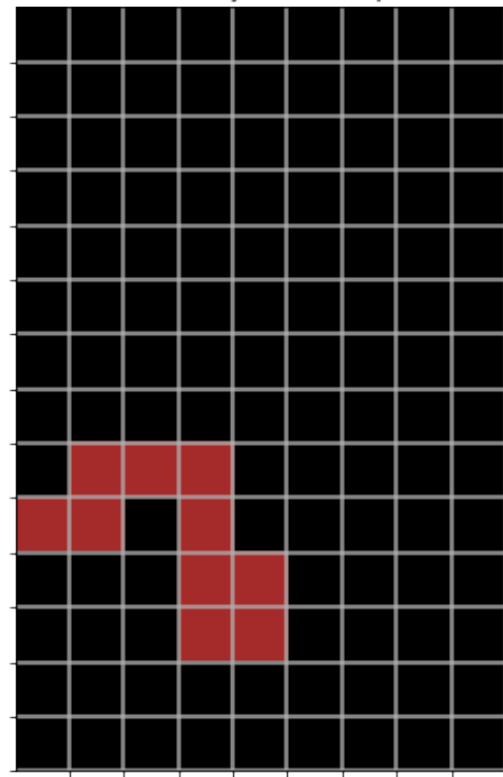


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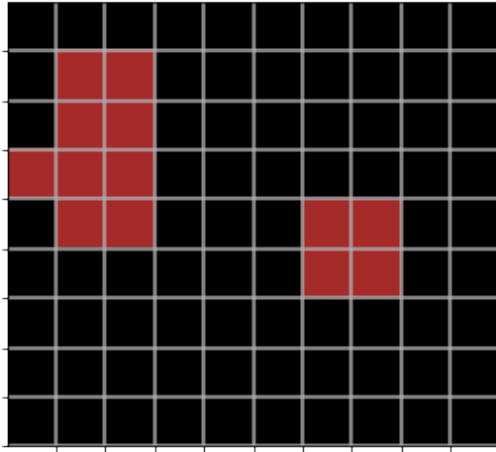
05f2a901.json Tr Input



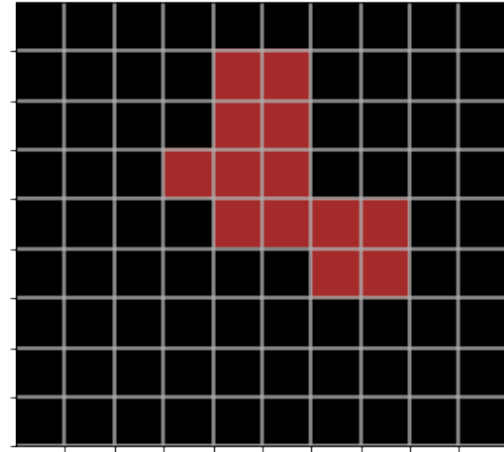
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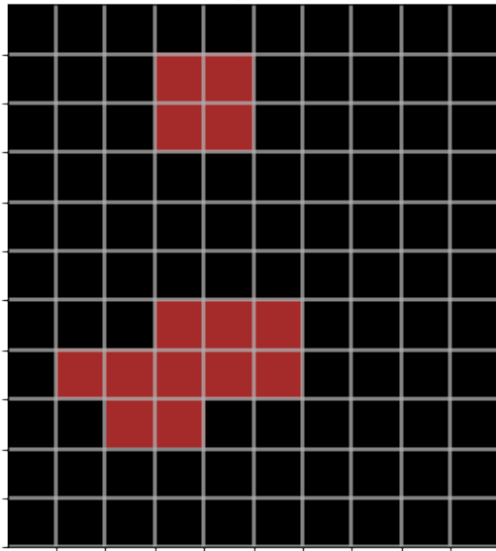
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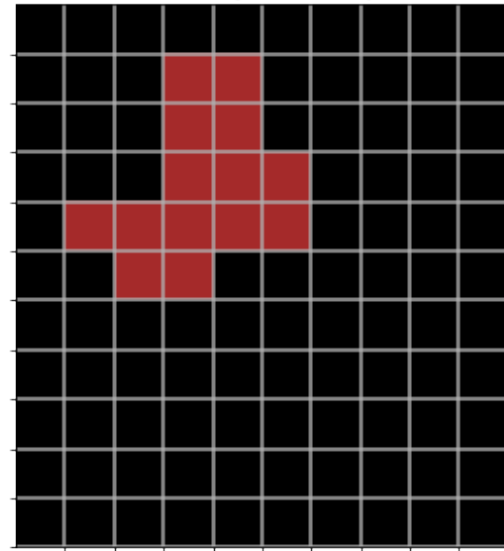
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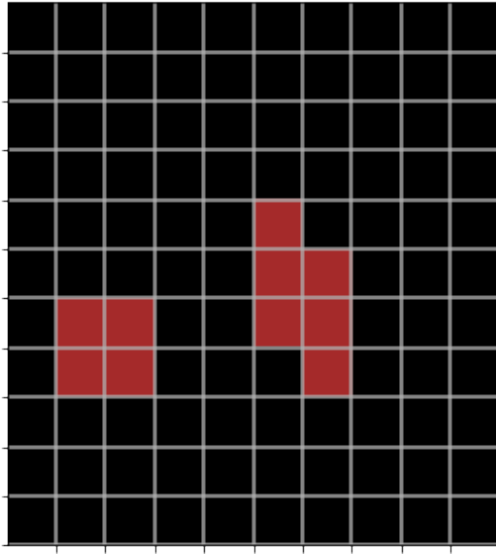
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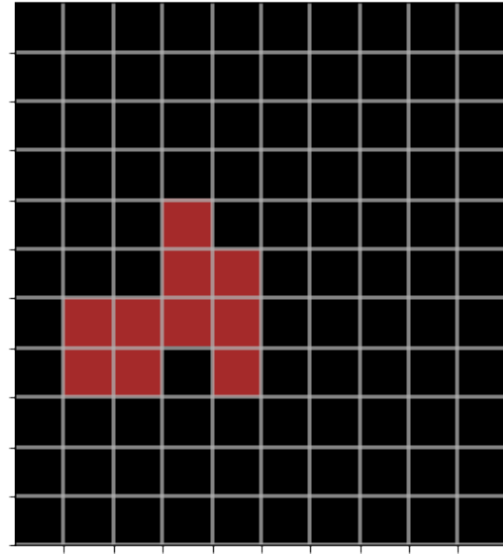
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05f2a901.json Te Input

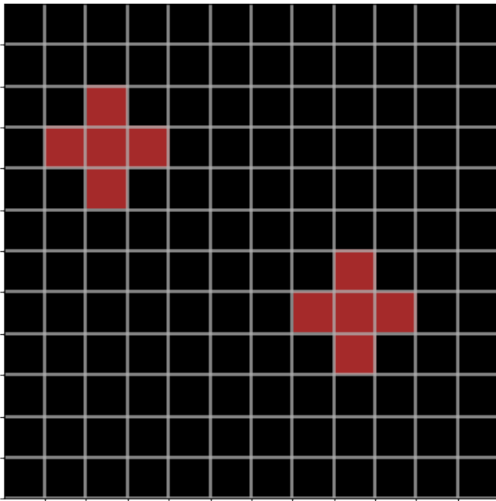


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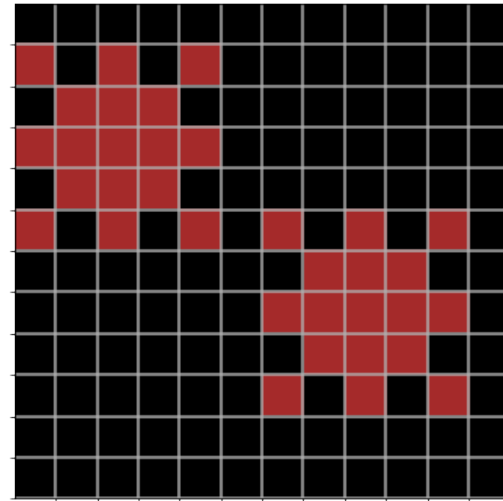


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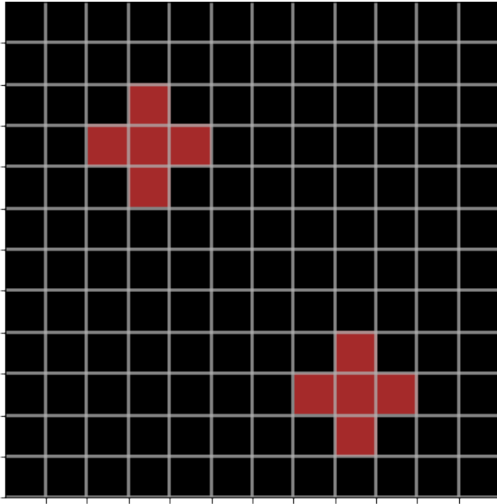
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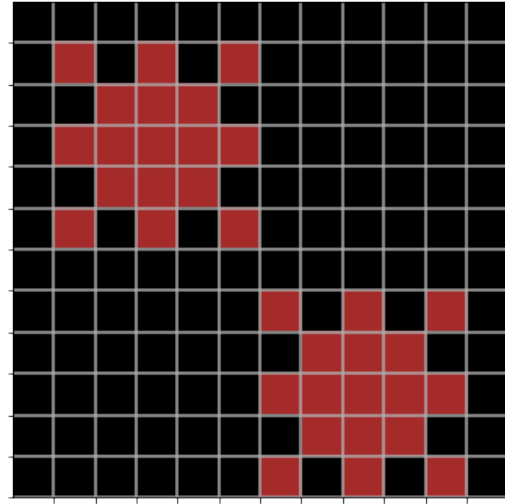
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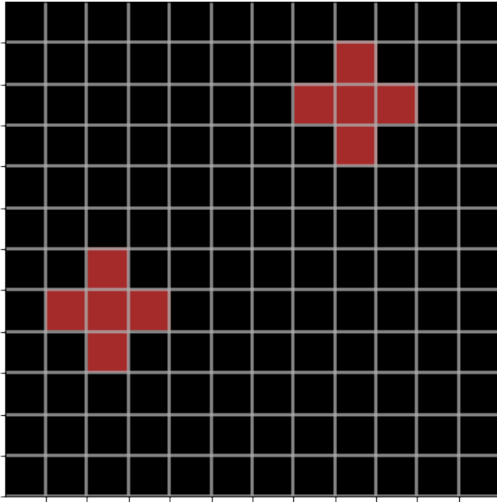
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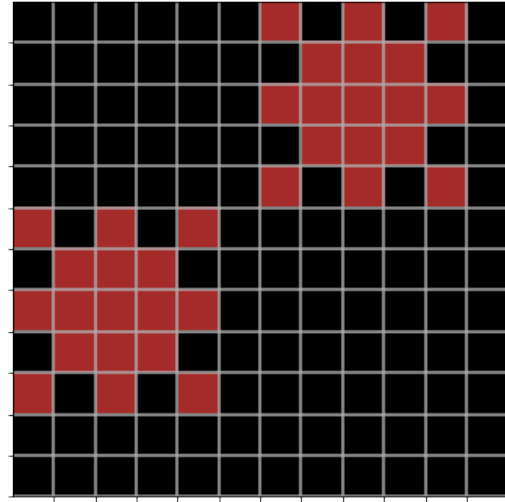
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0962bcdd.json Te Input

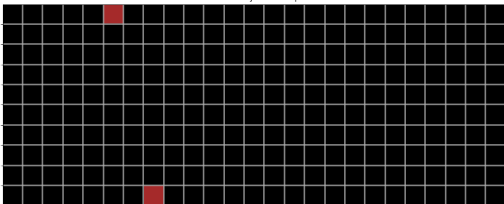


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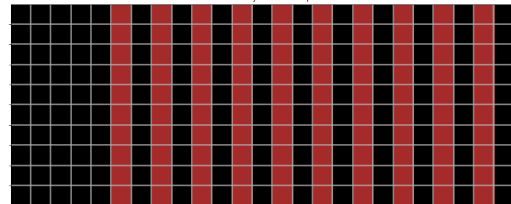


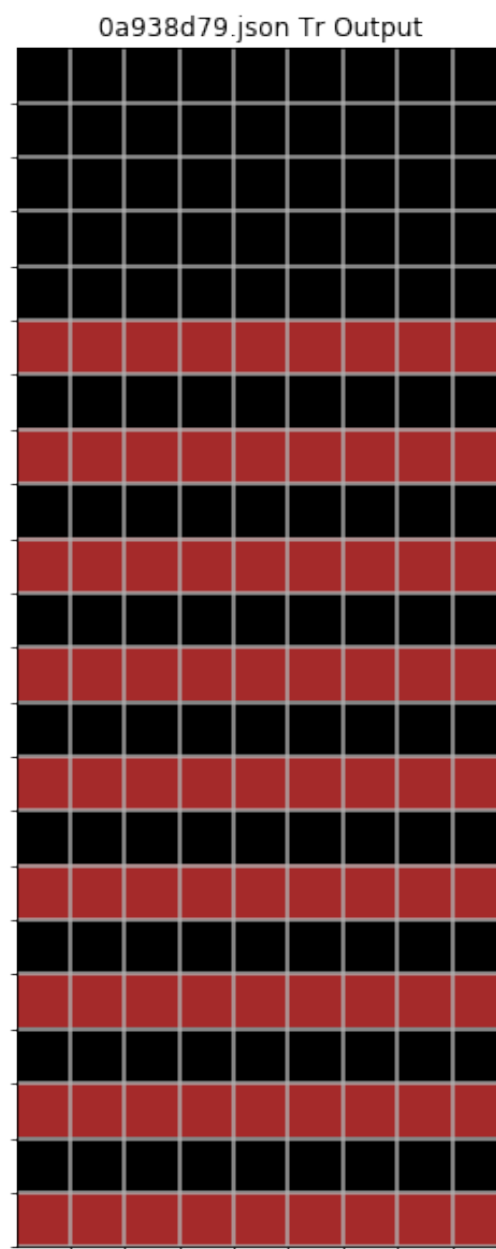
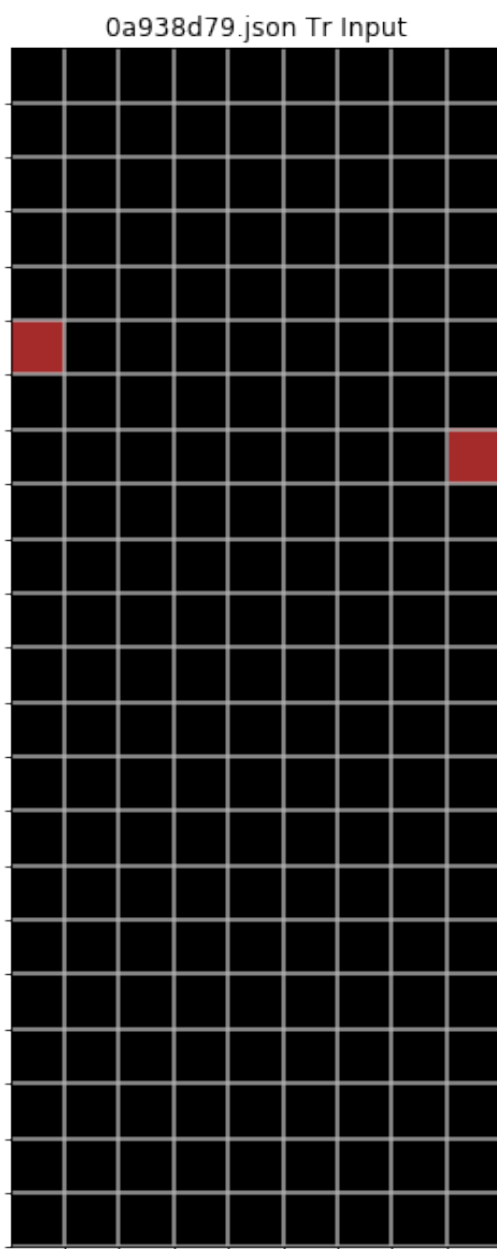
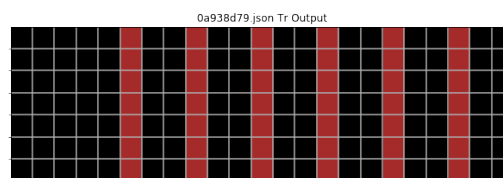
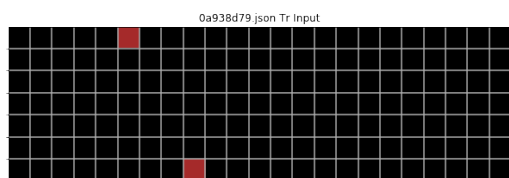
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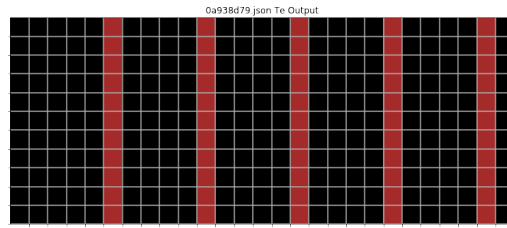
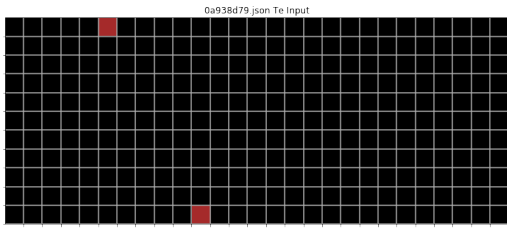
0a938d79.json Tr Input



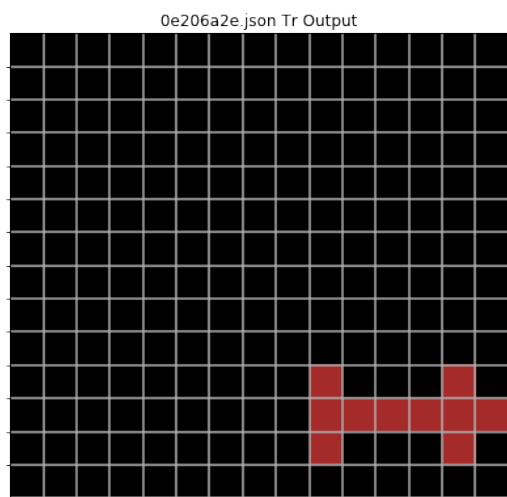
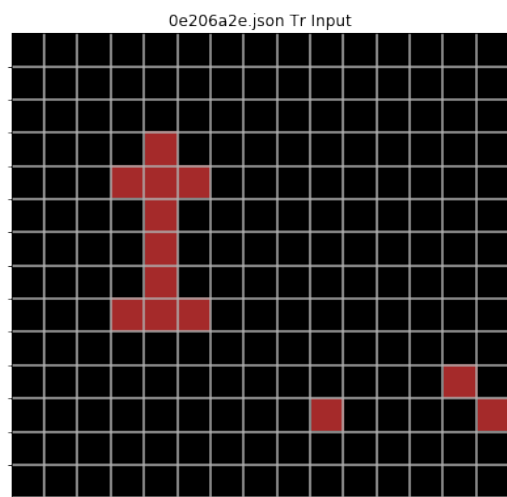
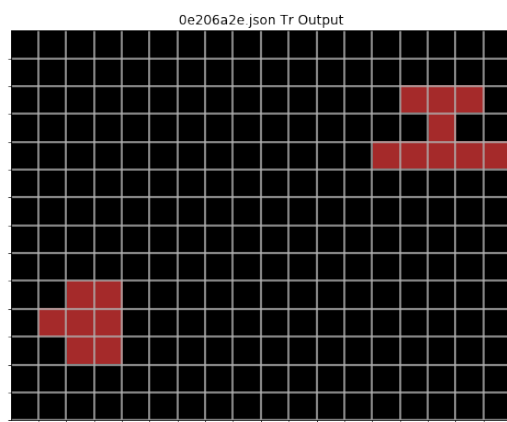
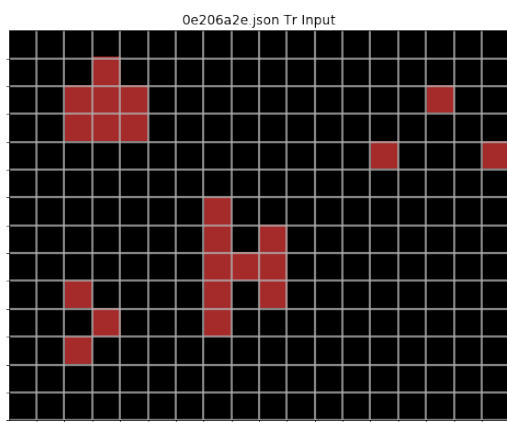
0a938d79.json Tr Output



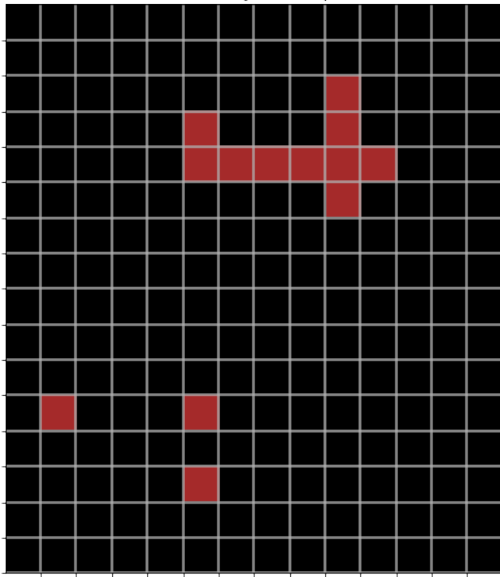




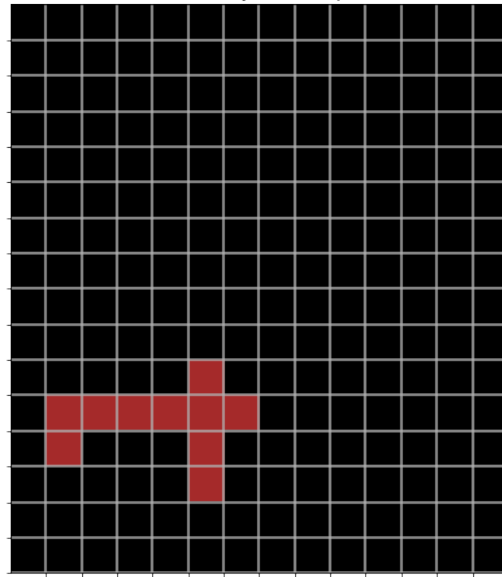
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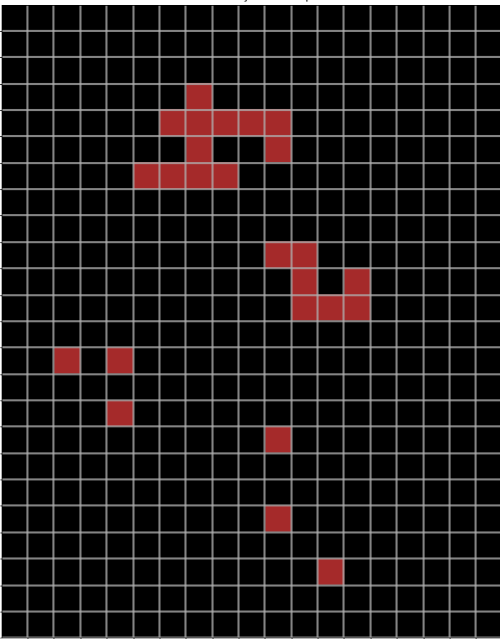
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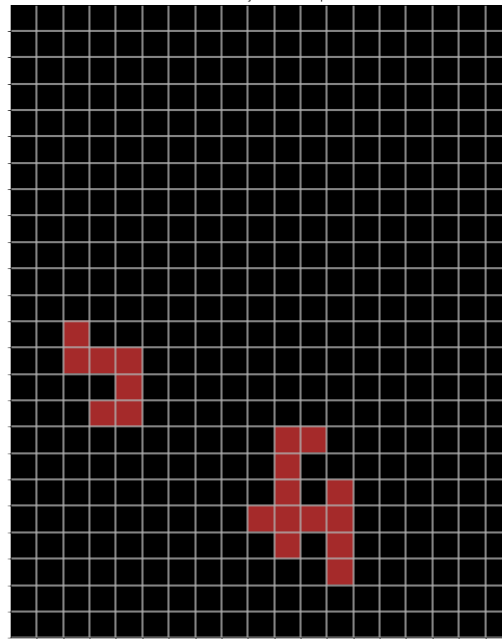
0e206a2e.json Tr Output



0e206a2e.json Te Input

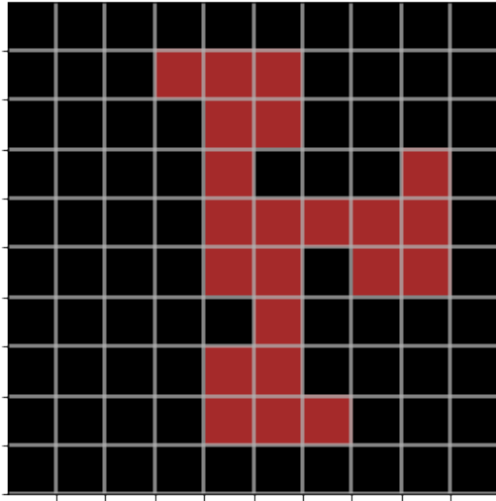


0e206a2e.json Te Output

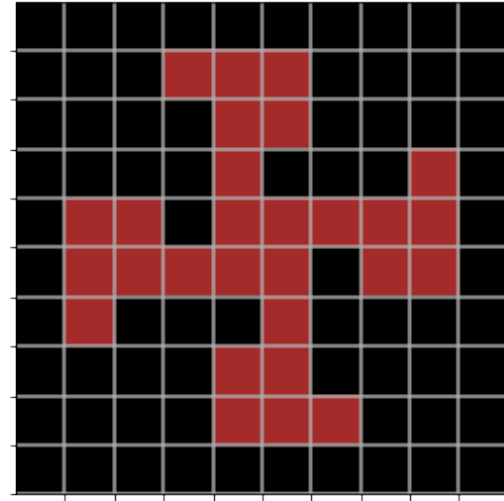


i = 7

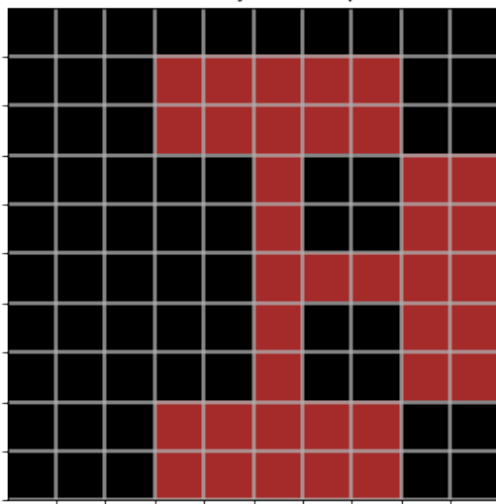
1b60fb0c.json Tr Input



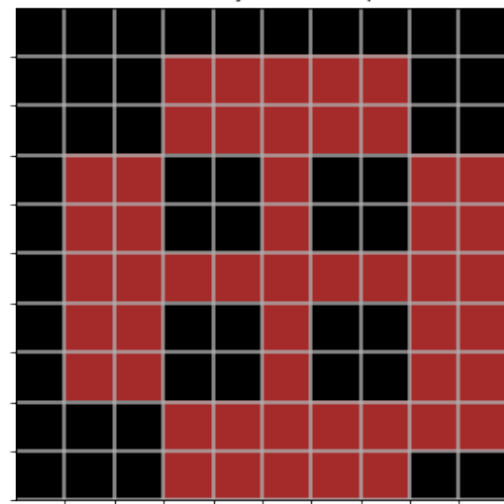
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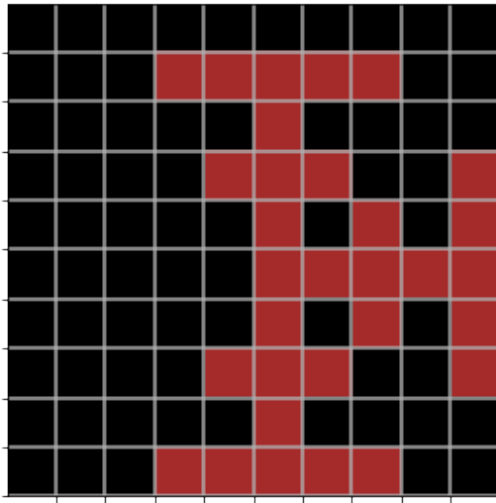
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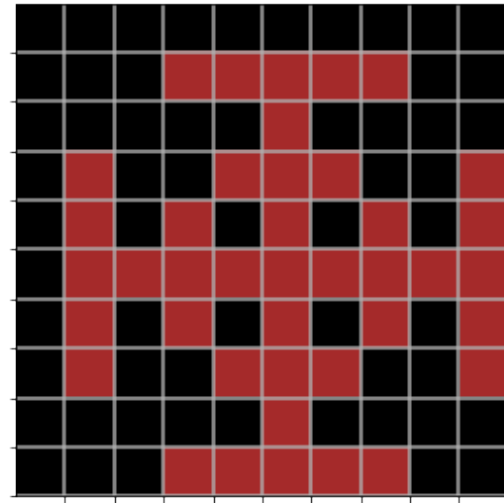
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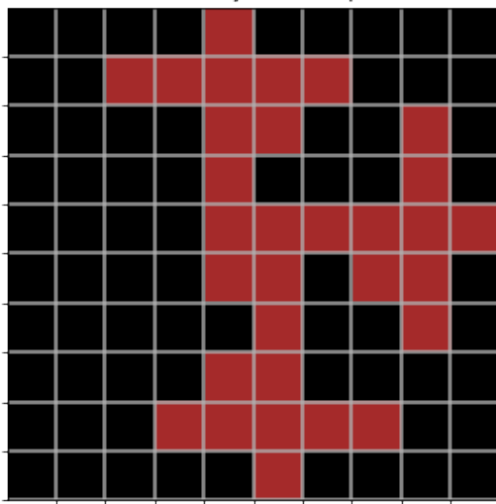
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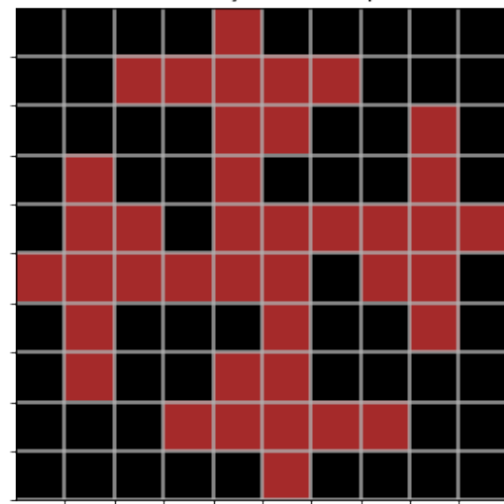
1b60fb0c.json Tr Output



1b60fb0c.json Te Input

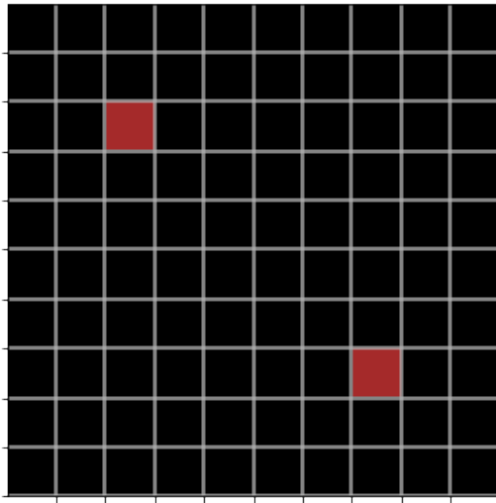


1b60fb0c.json Te Output

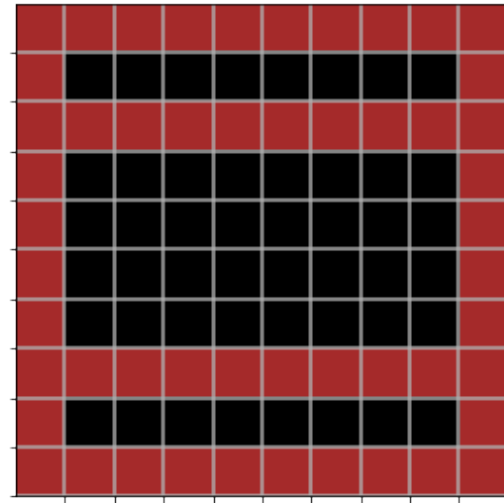


i = 8

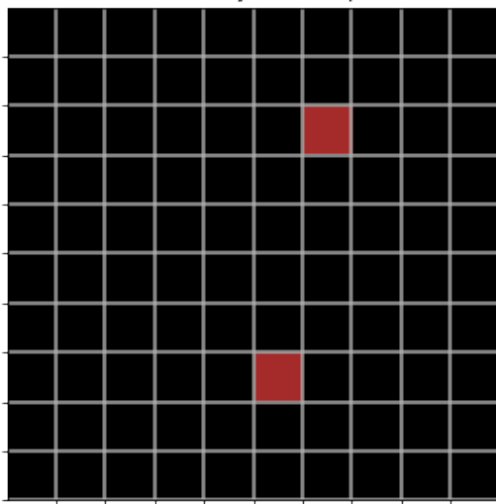
1bfc4729.json Tr Input



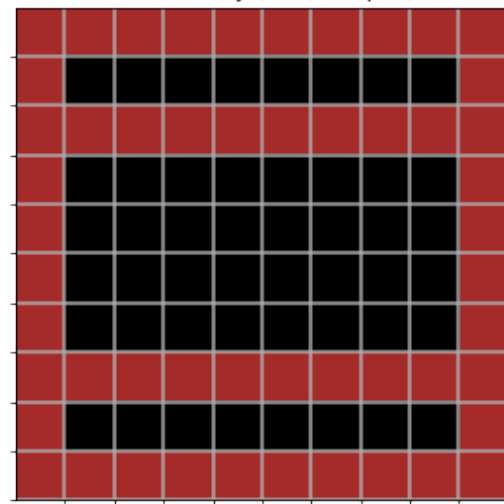
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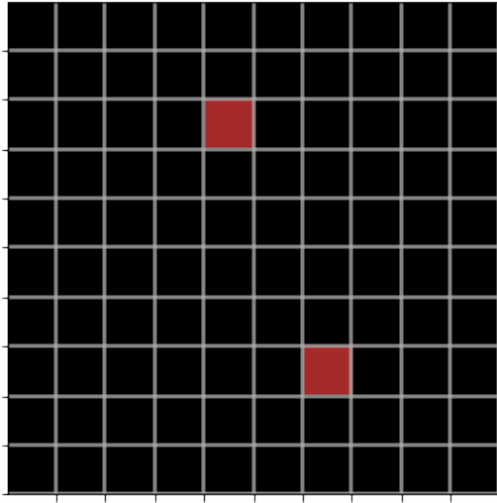
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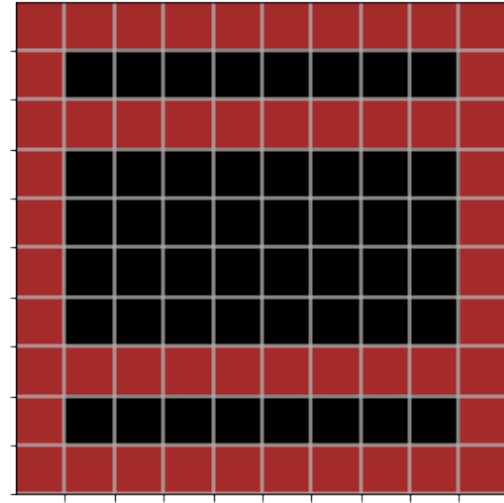
1bfc4729.json Tr Output



1bfc4729.json Te Input

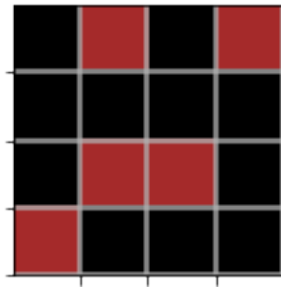


1bfc4729.json Te Output

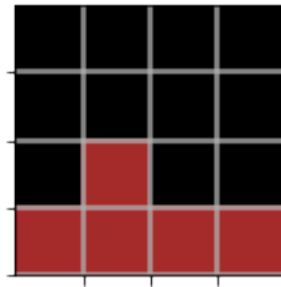


i = 9

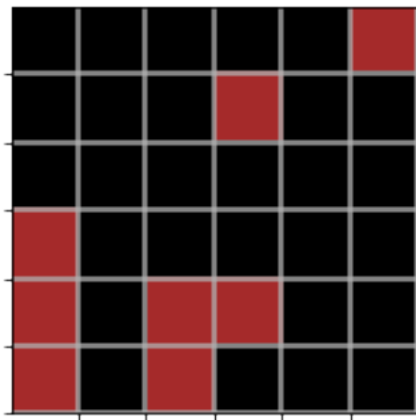
1e0a9b12.json Tr Input



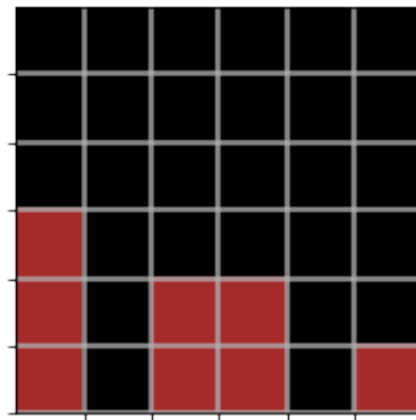
1e0a9b12.json Tr Output



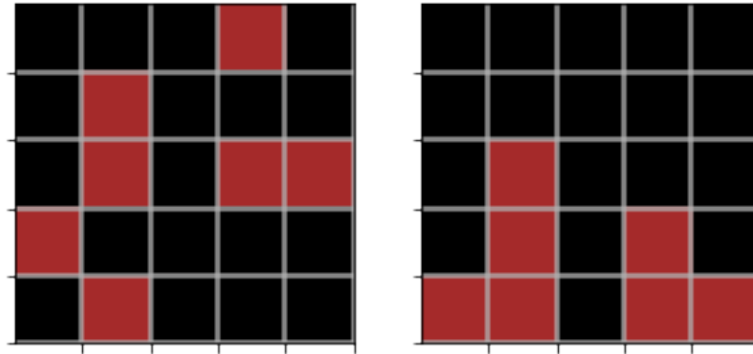
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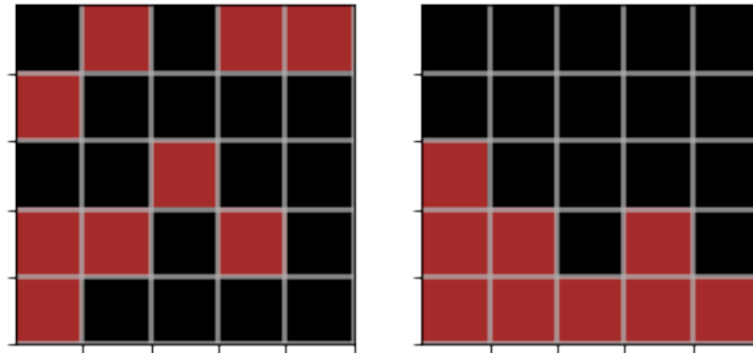
1e0a9b12.json Tr Output



1e0a9b12.json Tr Input 1e0a9b12.json Tr Output

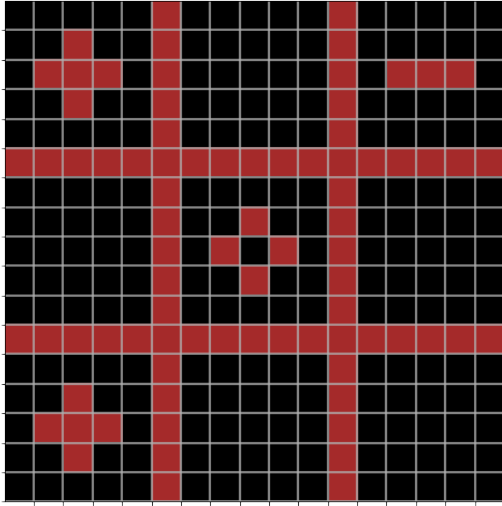


1e0a9b12.json Te Input 1e0a9b12.json Te Output

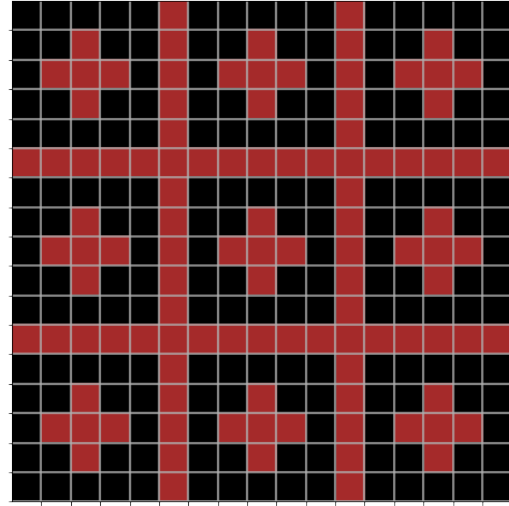


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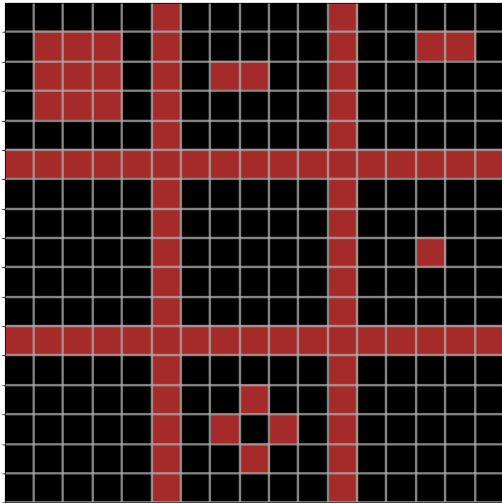
1e32b0e9 json Tr Input



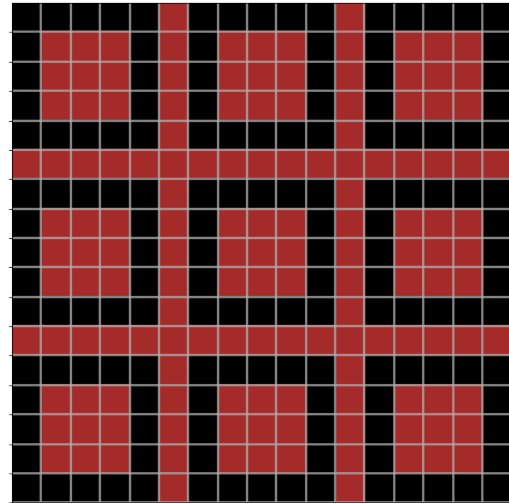
1e32b0e9 json Tr Output

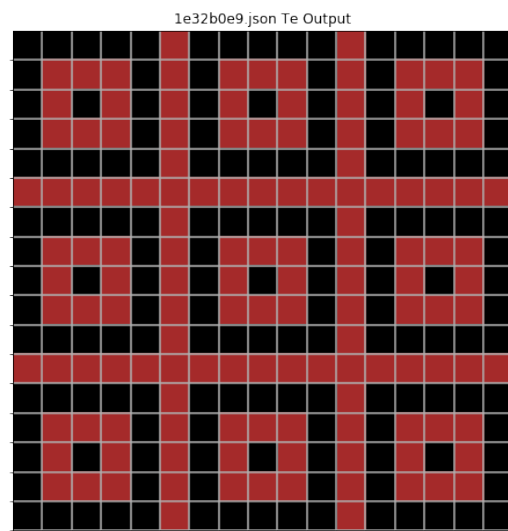
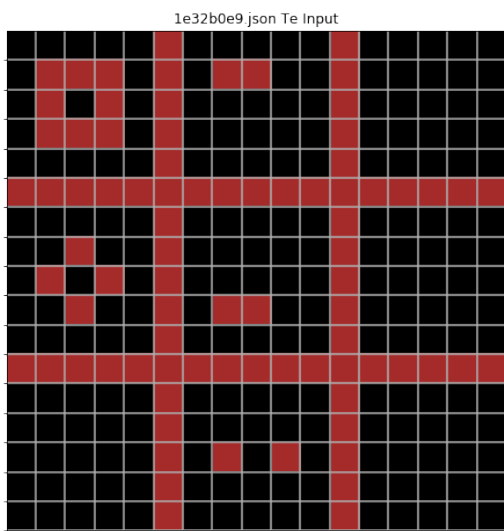
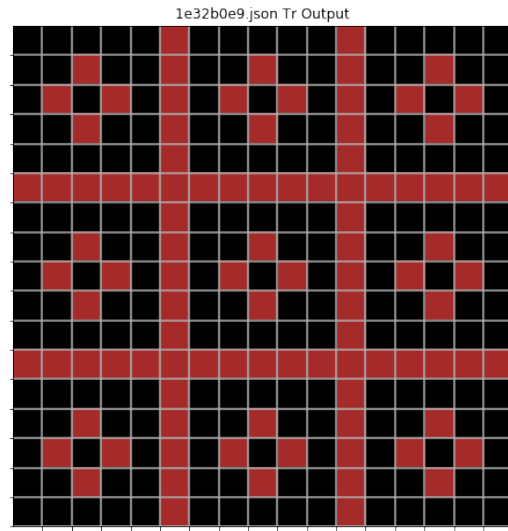
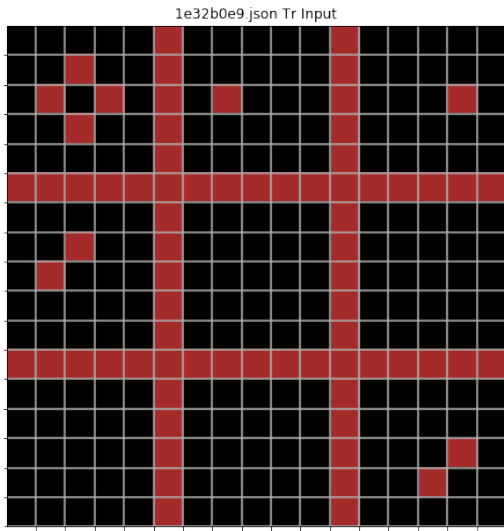


1e32b0e9 json Tr Input



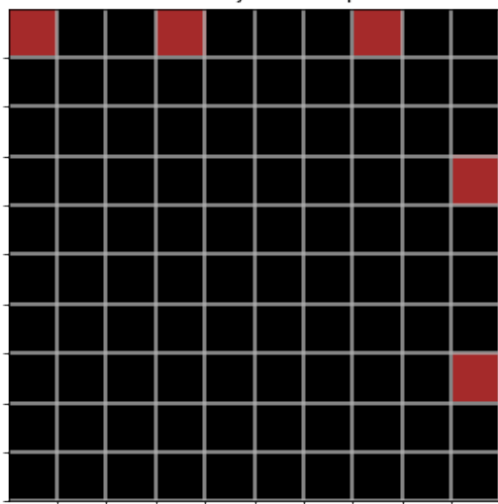
1e32b0e9 json Tr Output



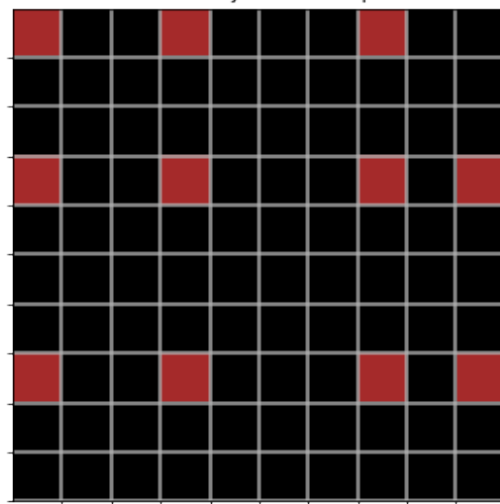


i = 11

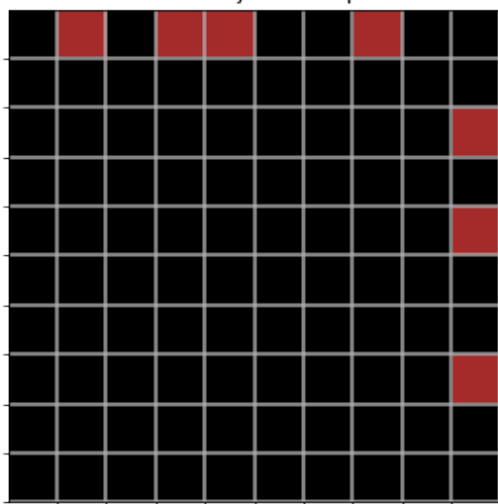
2281f1f4.json Tr Input



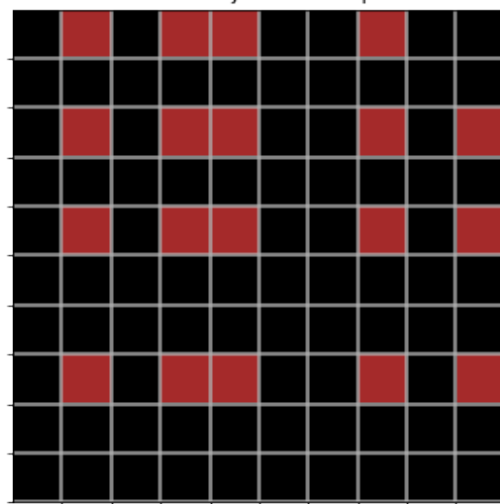
2281f1f4.json Tr Output



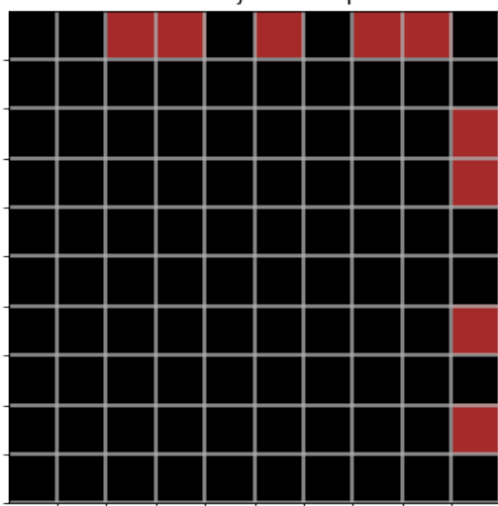
2281f1f4.json Tr Input



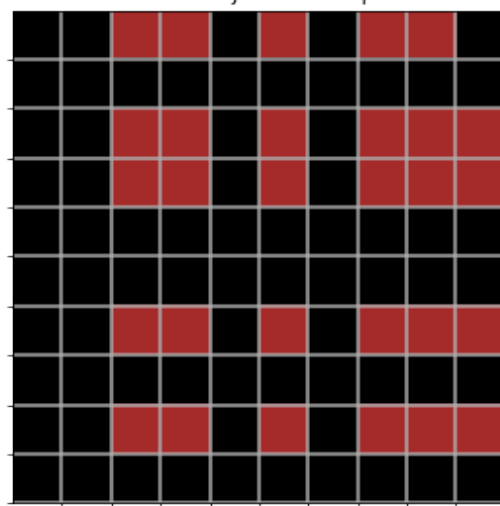
2281f1f4.json Tr Output



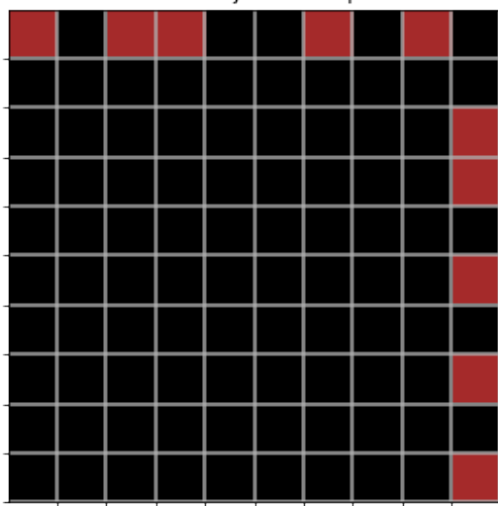
2281f1f4.json Tr Input



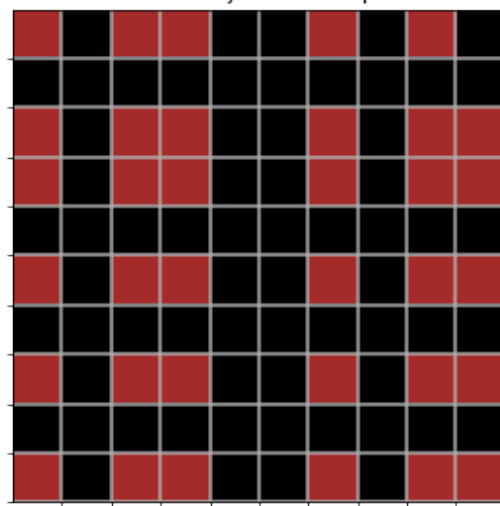
2281f1f4.json Tr Output



2281f1f4.json Te Input

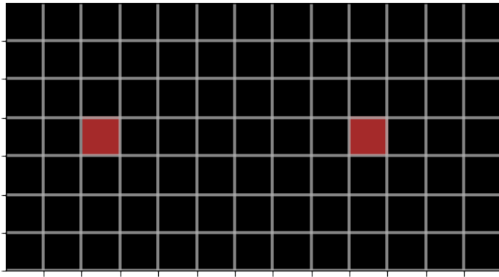


2281f1f4.json Te Output

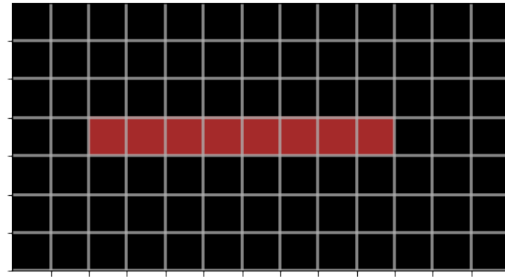


i = 12

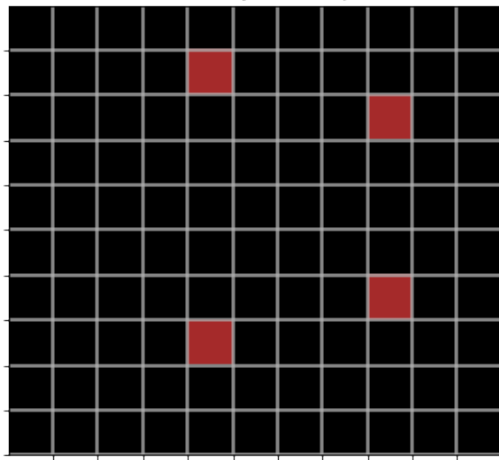
253bf280.json Tr Input



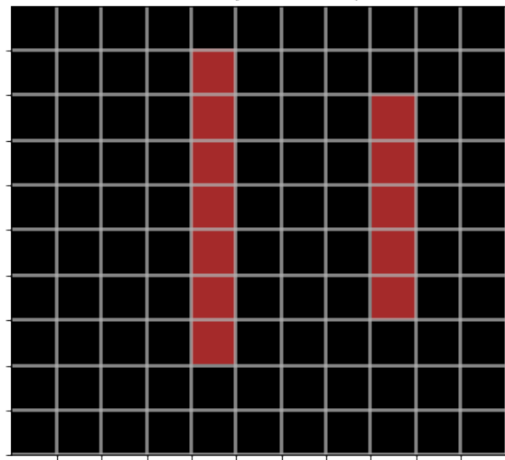
253bf280.json Tr Output



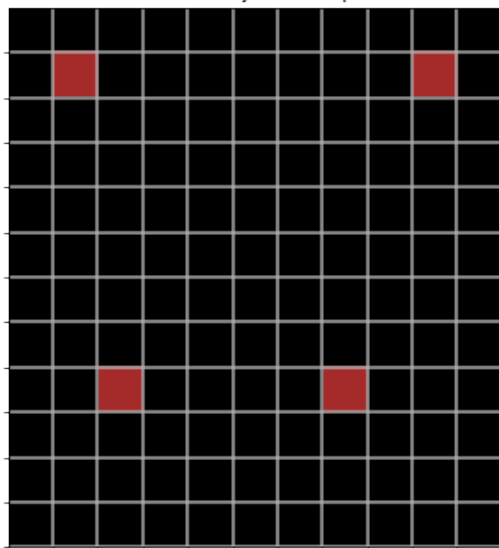
253bf280.json Tr Input



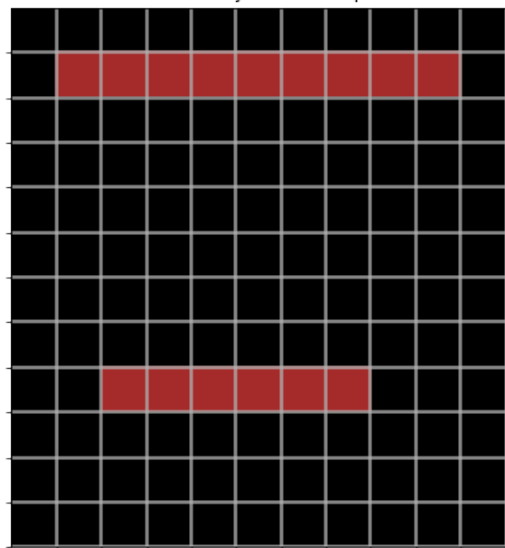
253bf280.json Tr Output



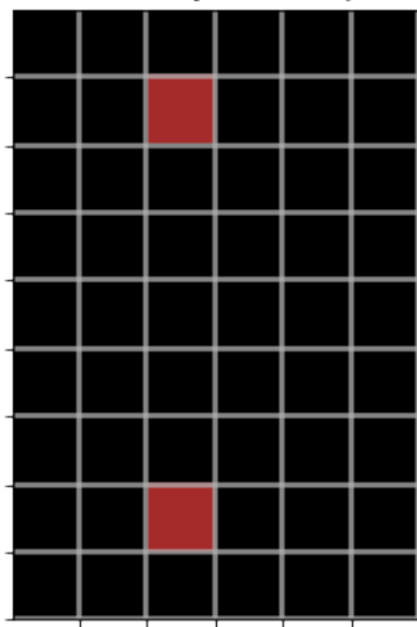
253bf280.json Tr Input



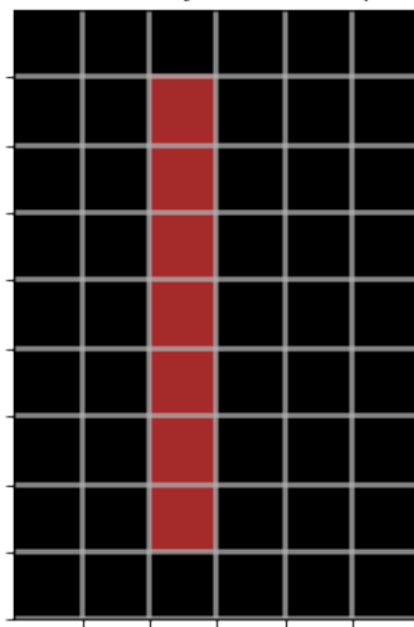
253bf280.json Tr Output



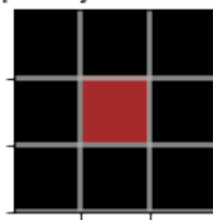
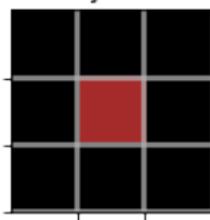
253bf280.json Tr Input



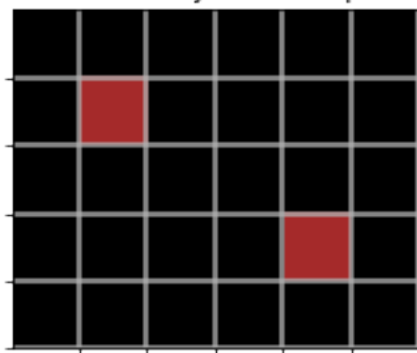
253bf280.json Tr Output



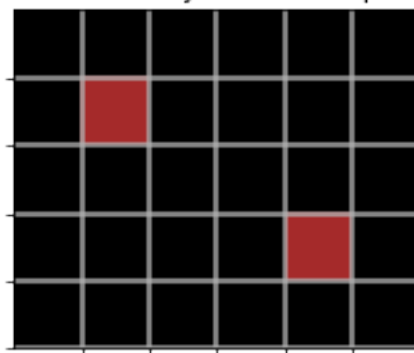
253bf280.json Tr Input 253bf280.json Tr Output



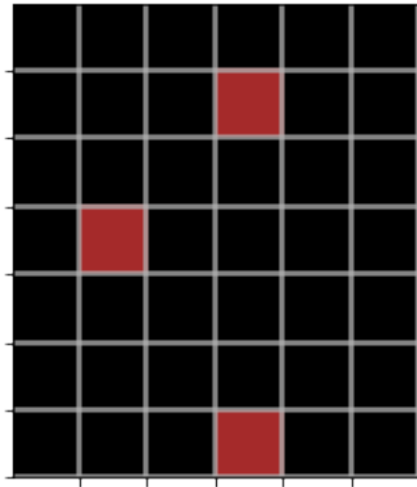
253bf280.json Tr Input



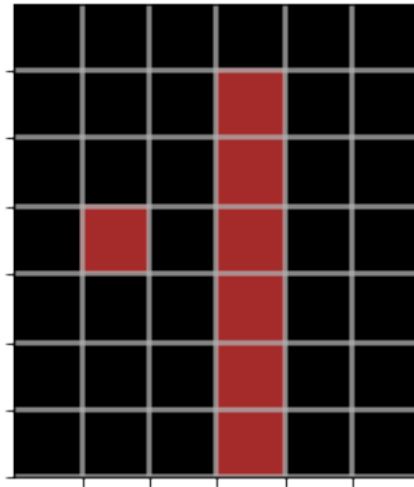
253bf280.json Tr Output



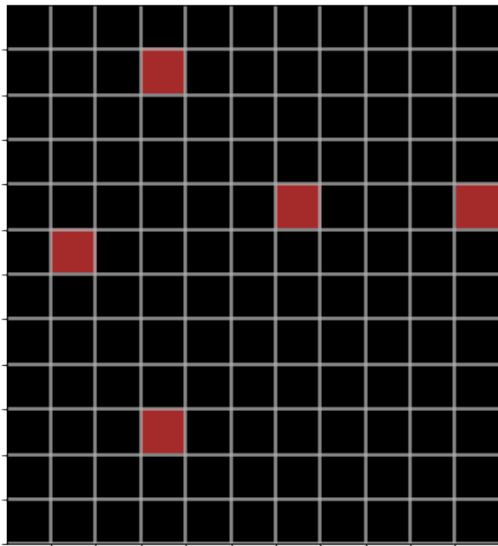
253bf280.json Tr Input



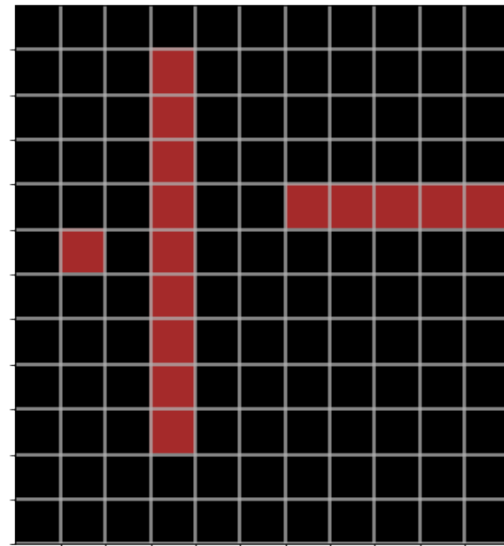
253bf280.json Tr Output



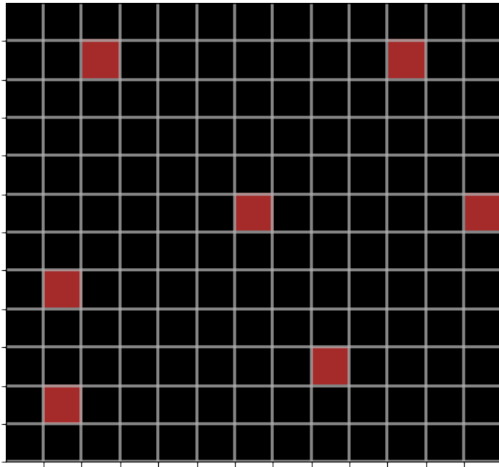
253bf280.json Tr Input



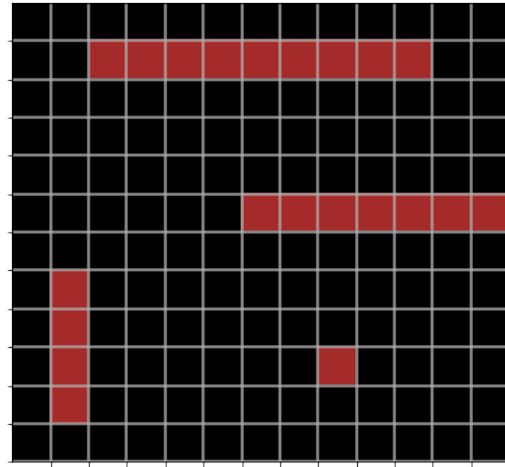
253bf280.json Tr Output



253bf280.json Te Input

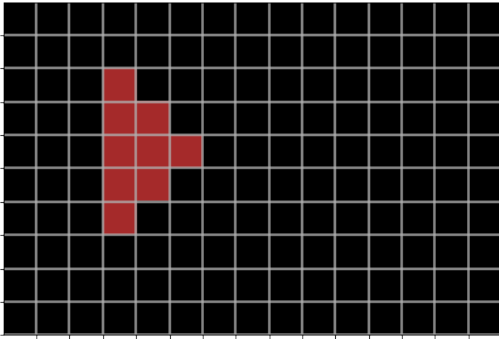


253bf280.json Te Output

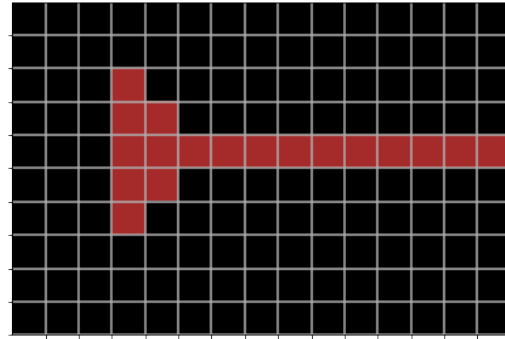


i = 13

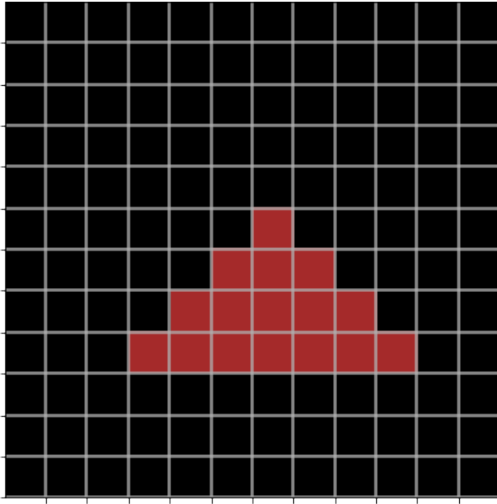
25d487eb.json Tr Input



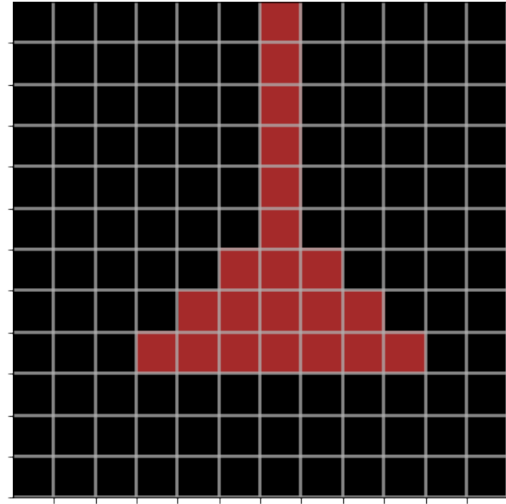
25d487eb.json Tr Output



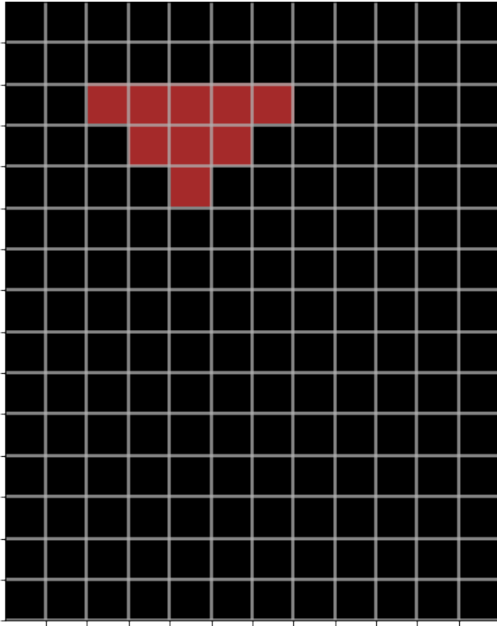
25d487eb.json Tr Input



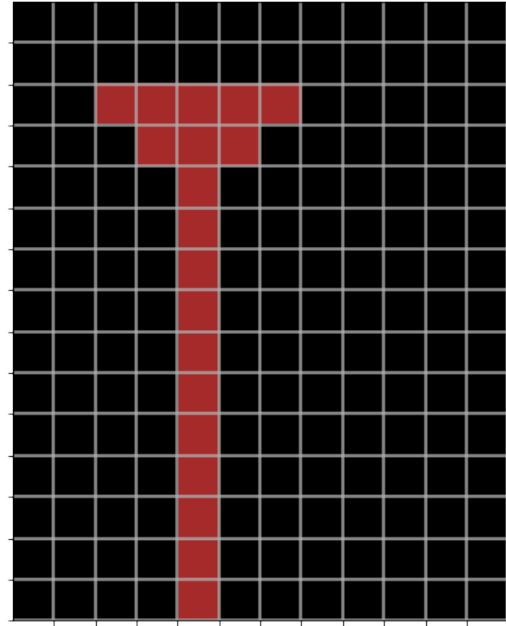
25d487eb.json Tr Output

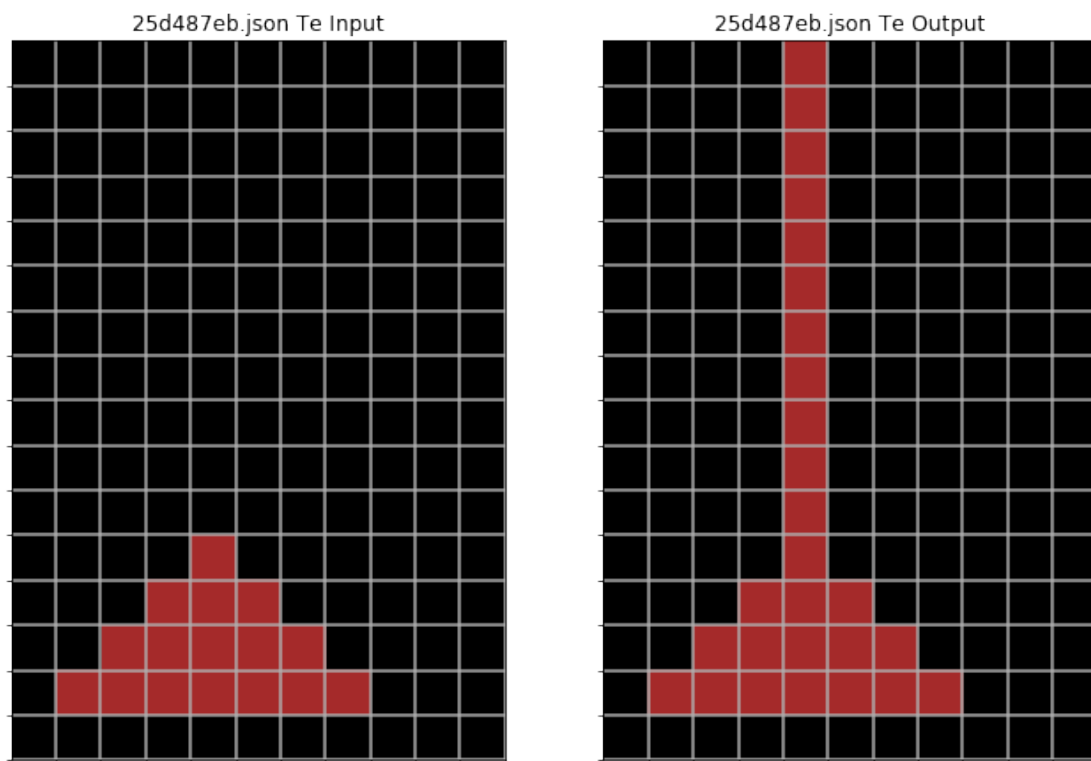


25d487eb.json Tr Input



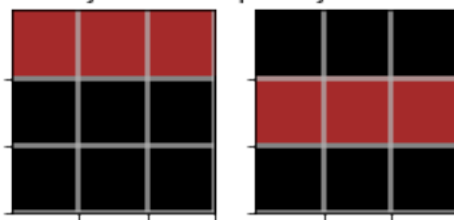
25d487eb.json Tr Output



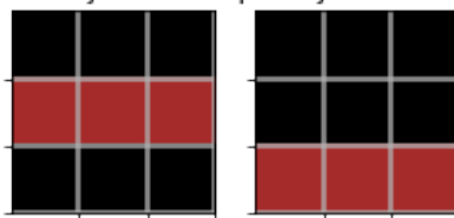


i = 14

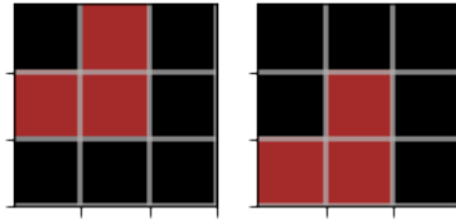
25ff71a9.json Tr Input 25ff71a9.json Tr Output



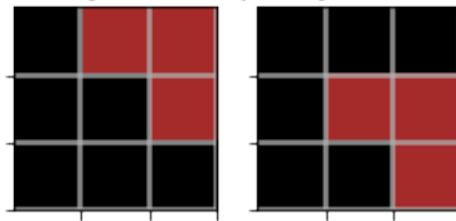
25ff71a9.json Tr Input 25ff71a9.json Tr Output



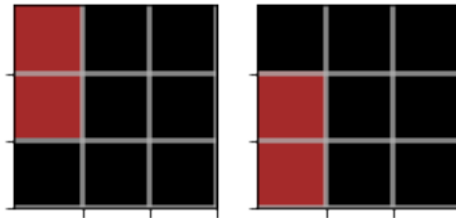
25ff71a9.json 25ff71a9.json Tr Output



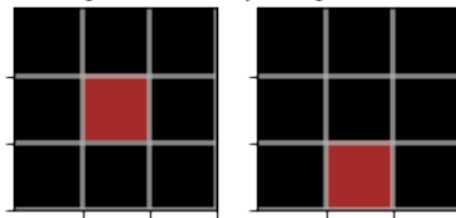
25ff71a9.json 25ff71a9.json Tr Output



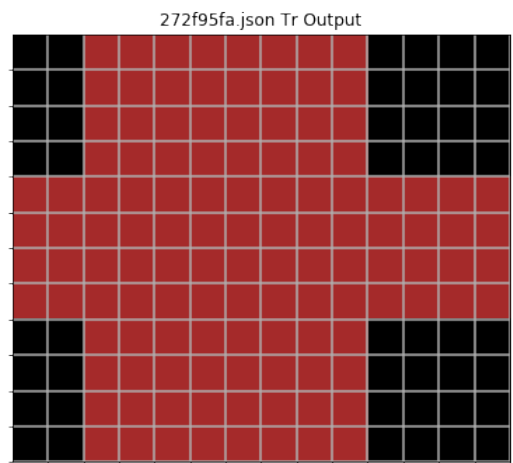
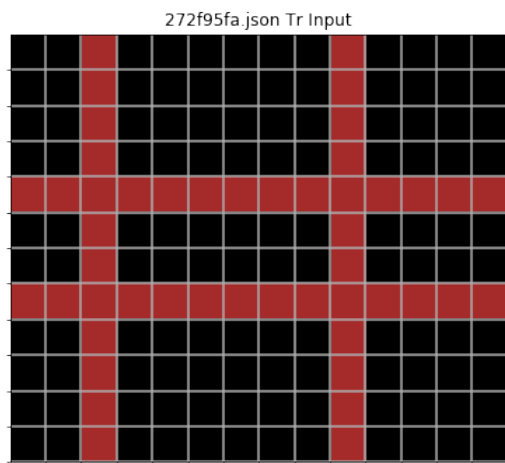
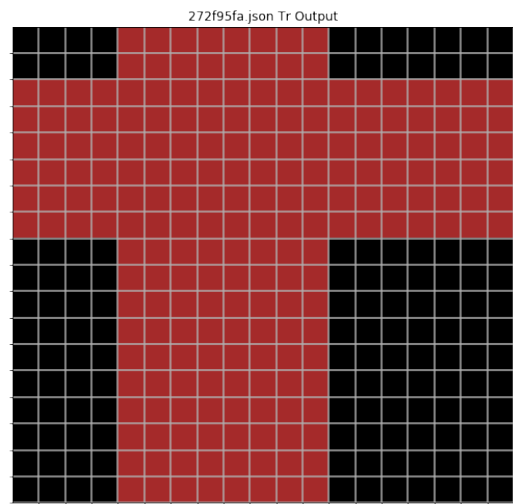
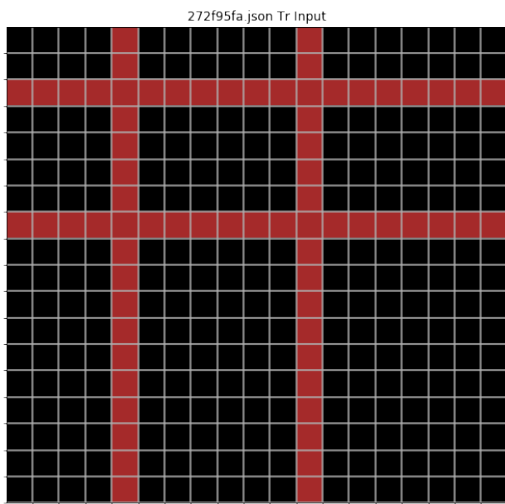
25ff71a9.json 25ff71a9.json Te Output



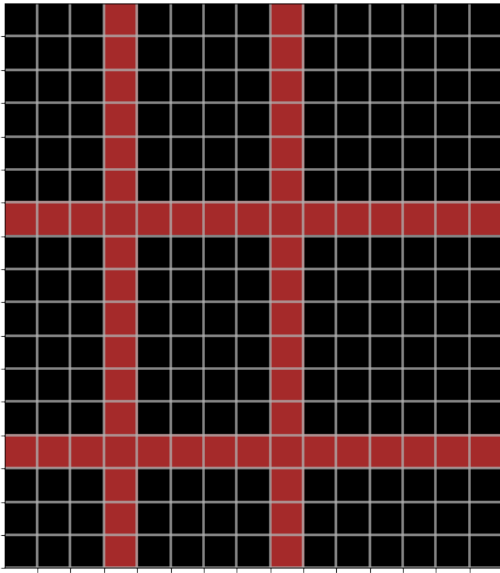
25ff71a9.json 25ff71a9.json Te Output



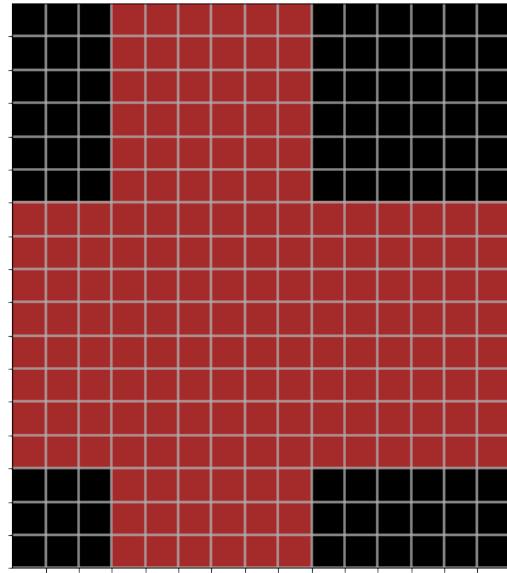
i = 15



272f95fa.json Te Input

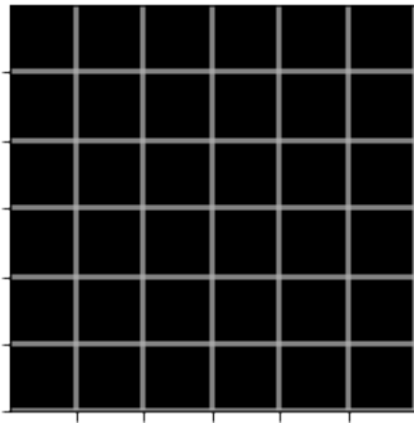


272f95fa.json Te Output

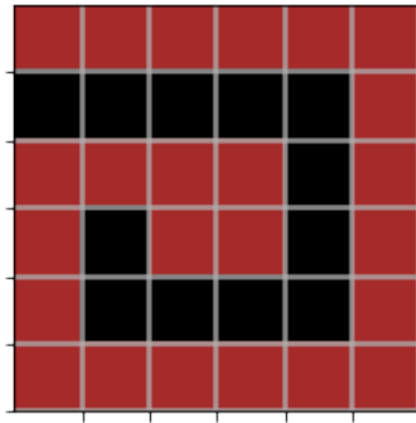


i = 16

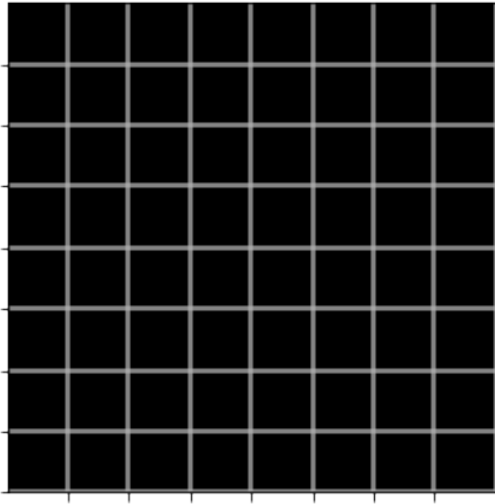
28e73c20.json Tr Input



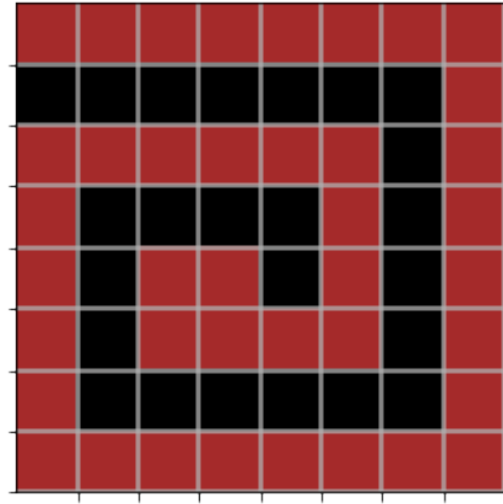
28e73c20.json Tr Output



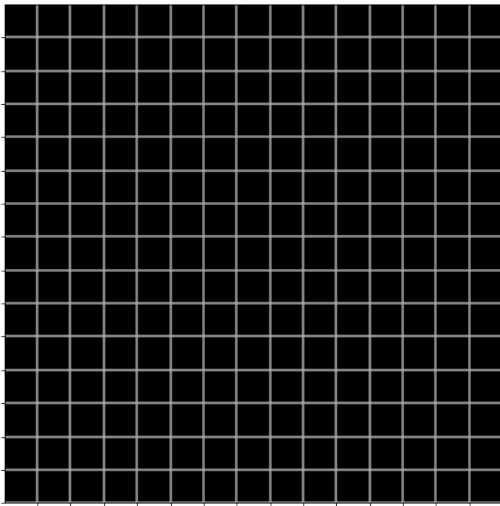
28e73c20.json Tr Input



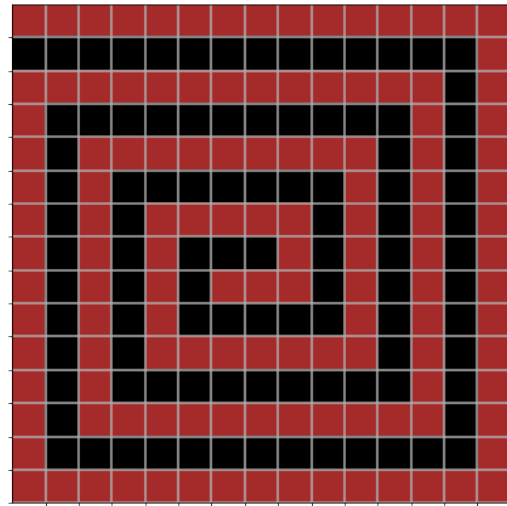
28e73c20.json Tr Output



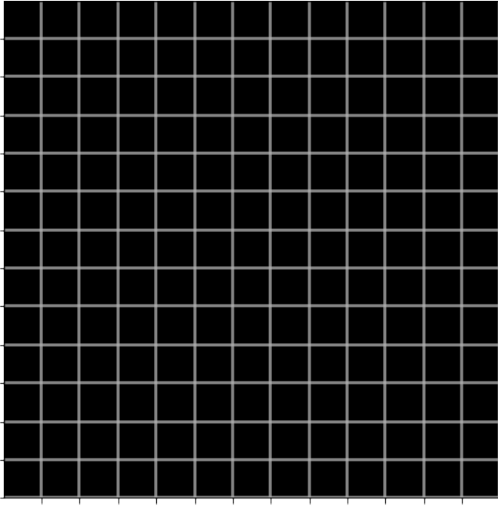
28e73c20.json Tr Input



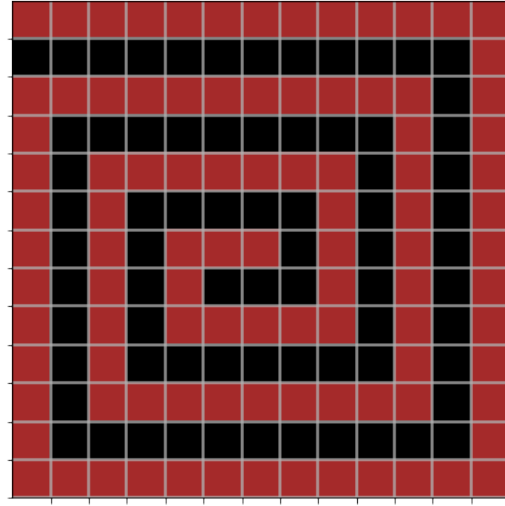
28e73c20.json Tr Output



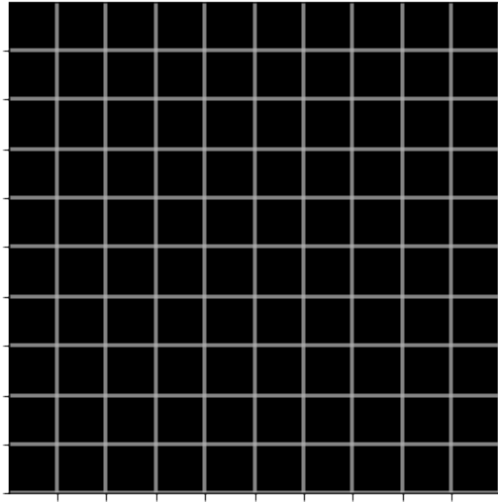
28e73c20.json Tr Input



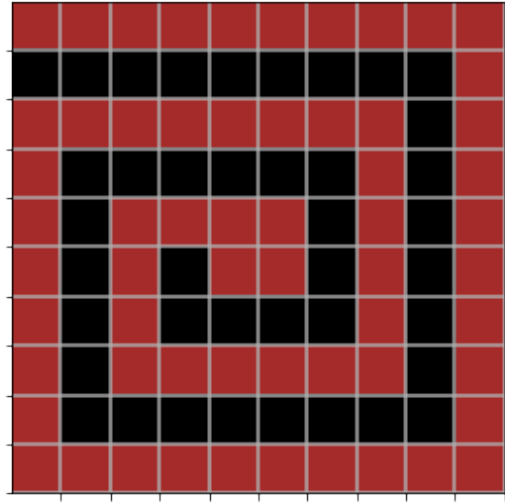
28e73c20.json Tr Output



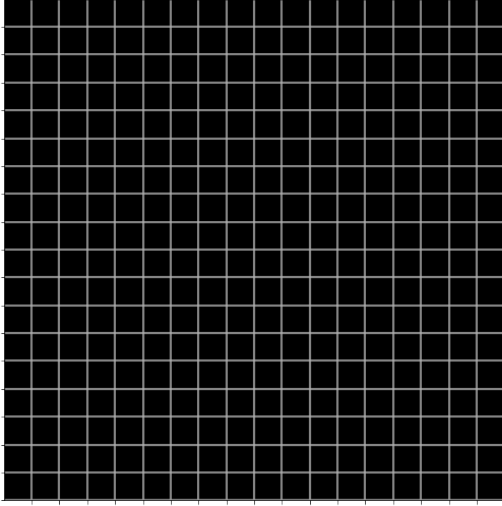
28e73c20.json Tr Input



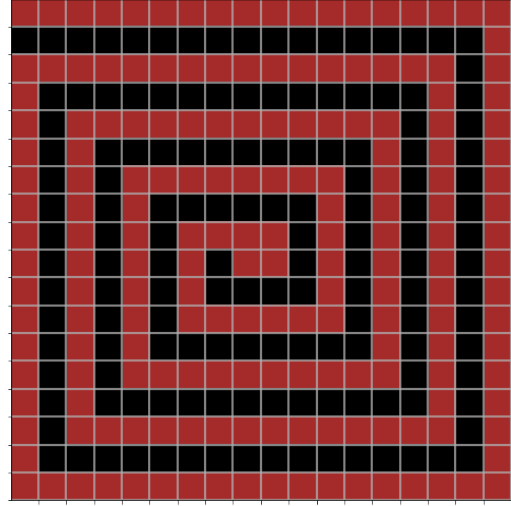
28e73c20.json Tr Output



28e73c20.json Te Input

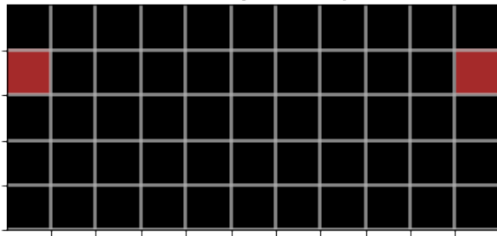


28e73c20.json Te Output

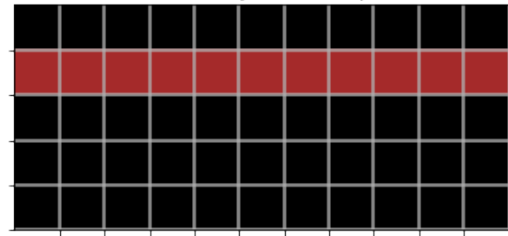


i = 17

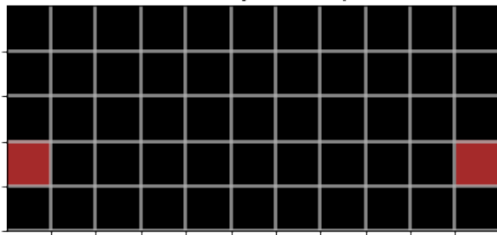
29c11459.json Tr Input



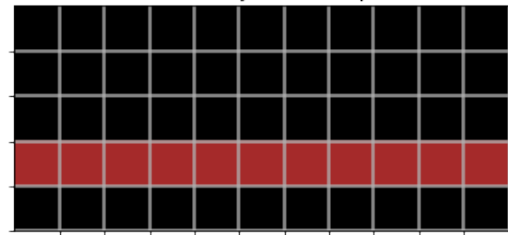
29c11459.json Tr Output



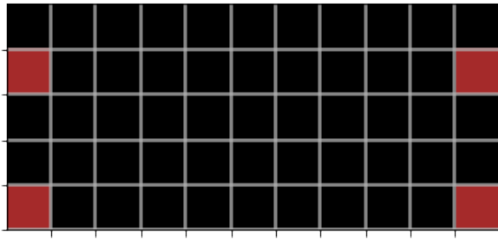
29c11459.json Tr Input



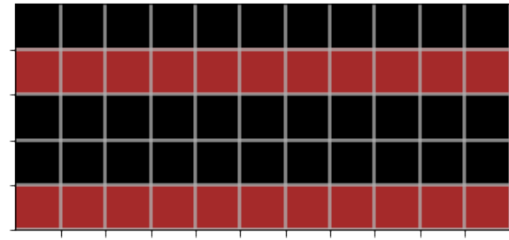
29c11459.json Tr Output



29c11459.json Te Input

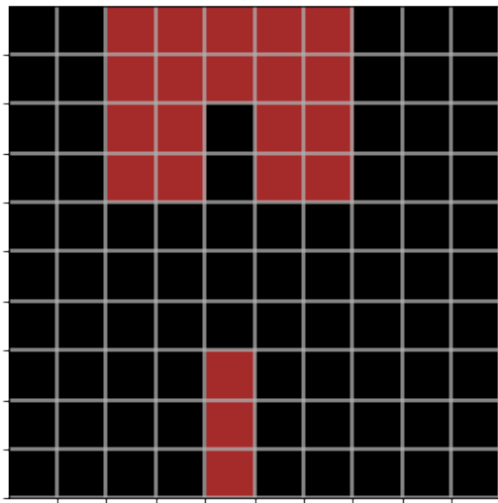


29c11459.json Te Output

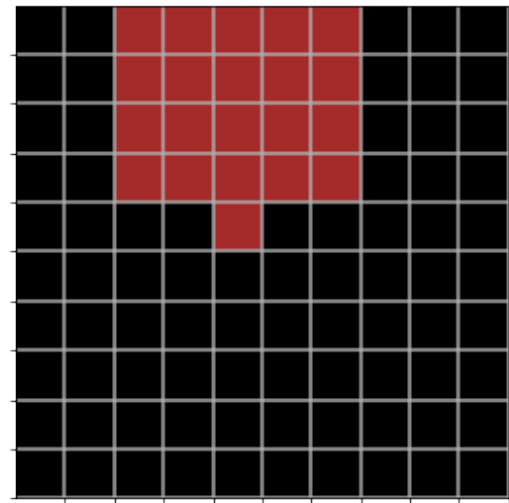


i = 18

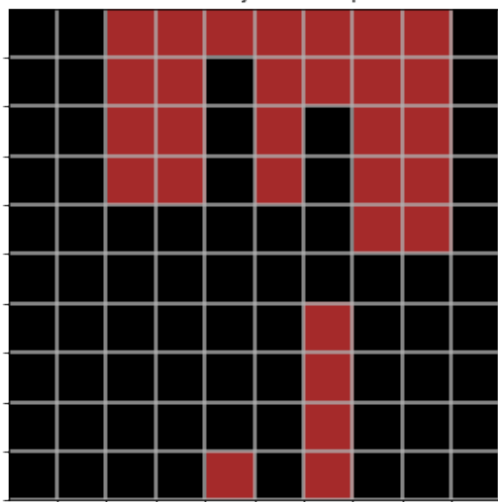
3906de3d.json Tr Input



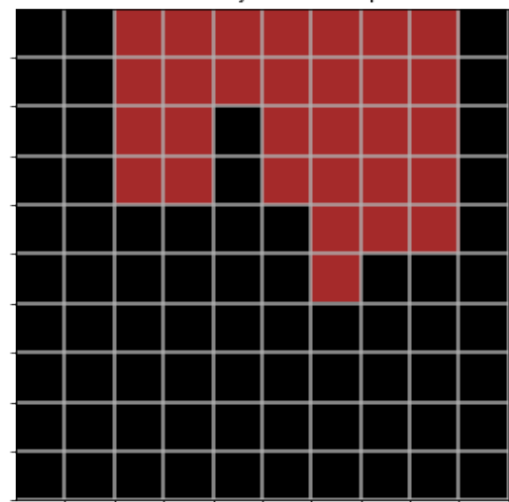
3906de3d.json Tr Output



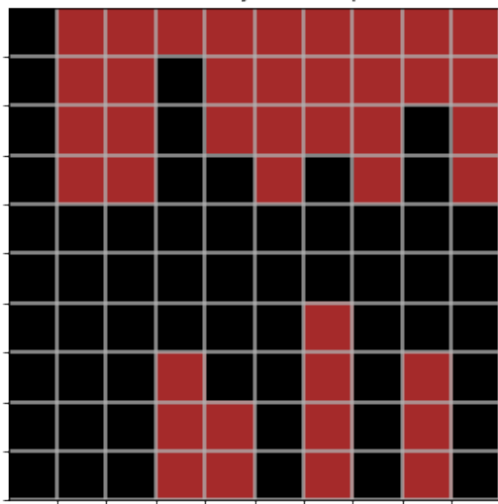
3906de3d.json Tr Input



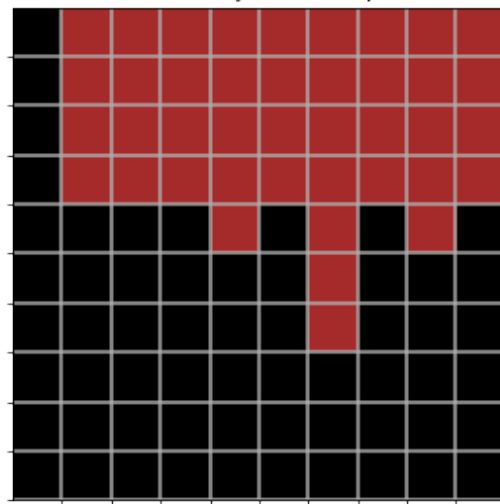
3906de3d.json Tr Output



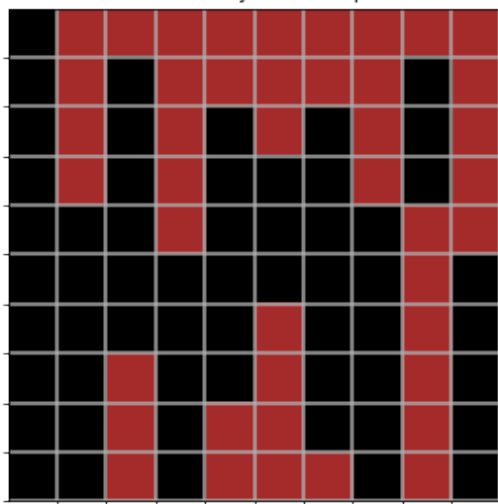
3906de3d.json Tr Input



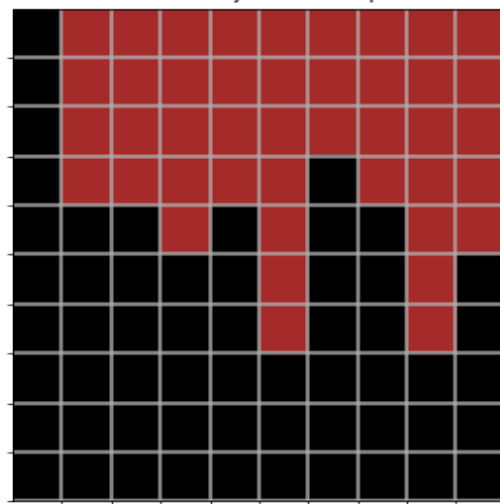
3906de3d.json Tr Output



3906de3d.json Te Input

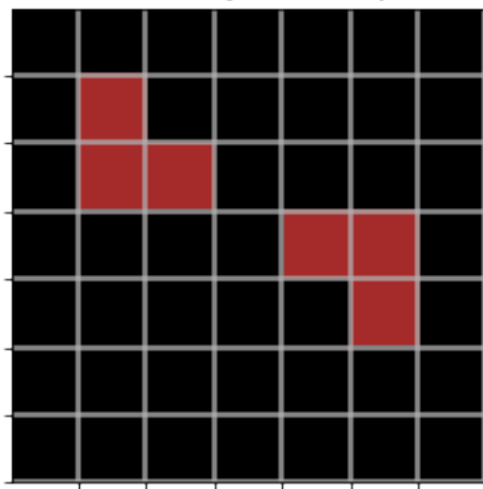


3906de3d.json Te Output

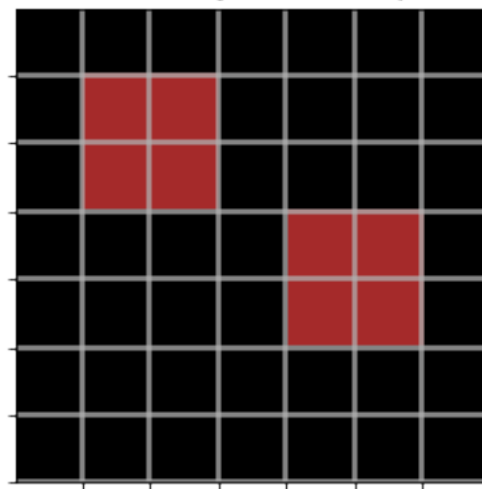


i = 19

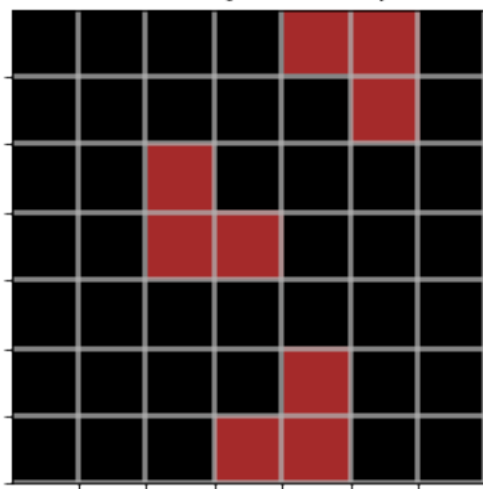
3aa6fb7a.json Tr Input



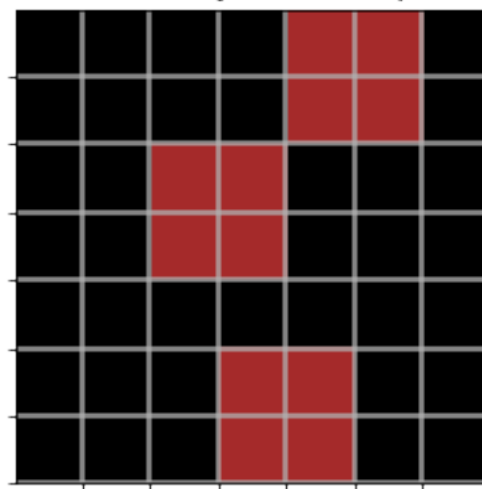
3aa6fb7a.json Tr Output



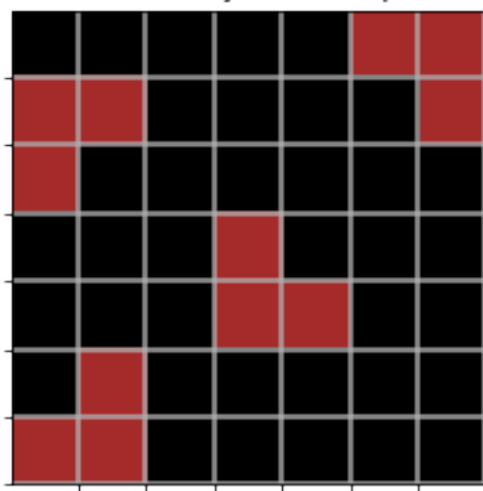
3aa6fb7a.json Tr Input



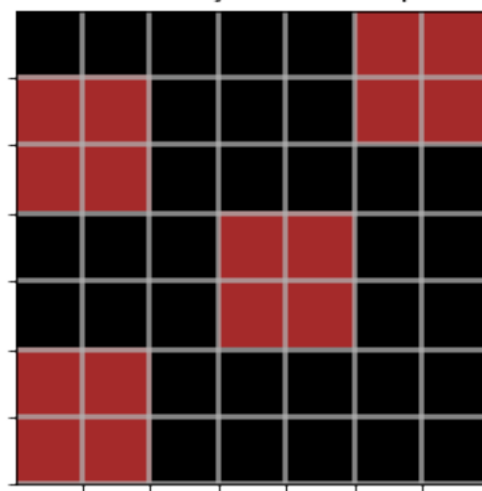
3aa6fb7a.json Tr Output



3aa6fb7a.json Te Input

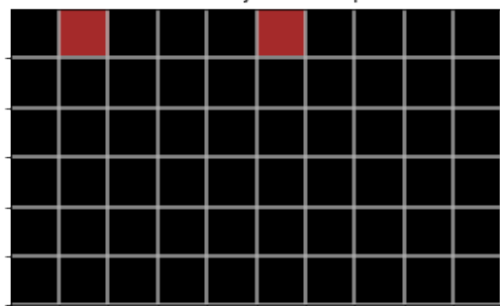


3aa6fb7a.json Te Output

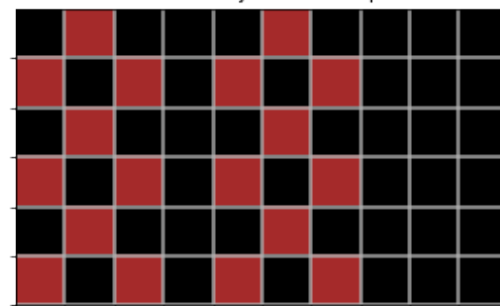


i = 20

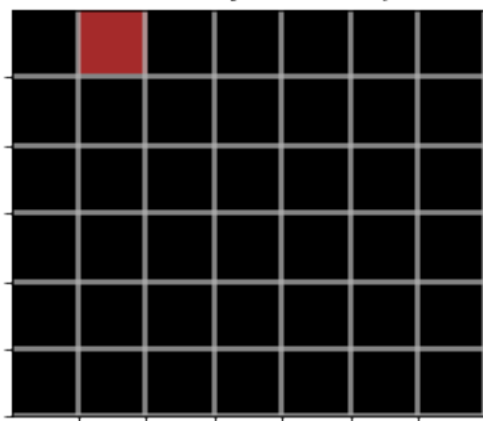
3ac3eb23.json Tr Input



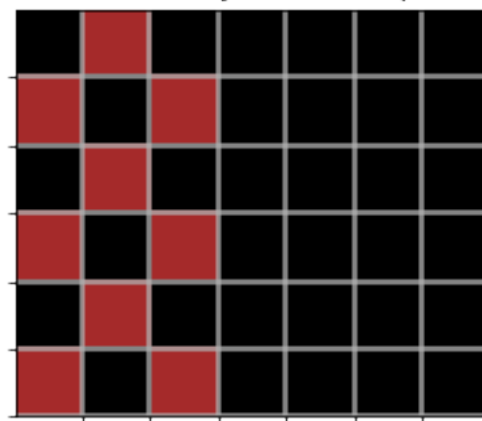
3ac3eb23.json Tr Output



3ac3eb23.json Tr Input

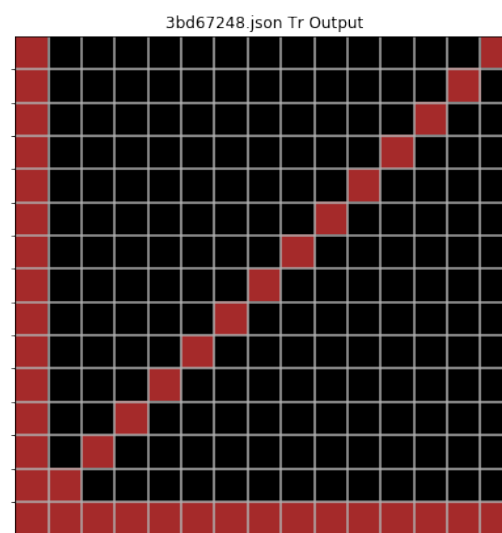
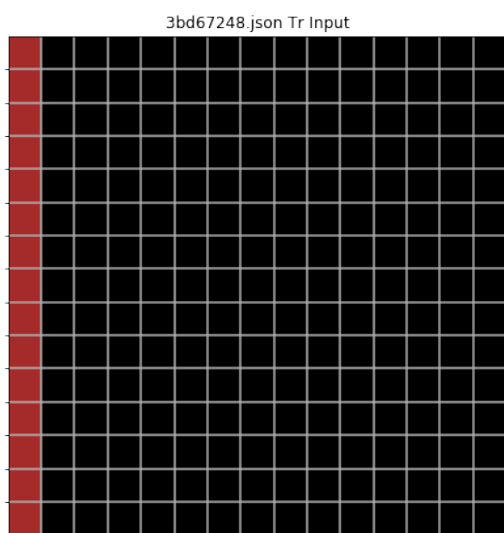


3ac3eb23.json Tr Output

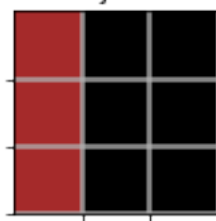




i = 21



3bd67248.json Tr Input 3bd67248.json Tr Output



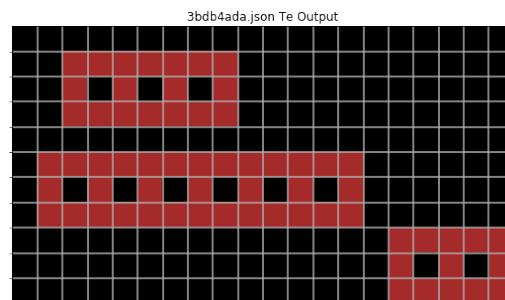
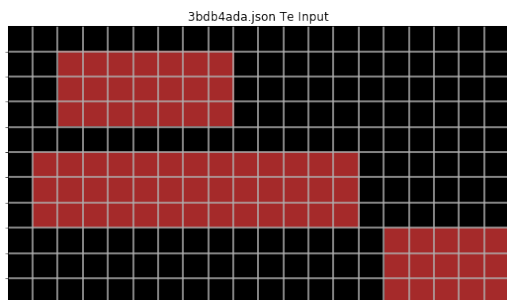
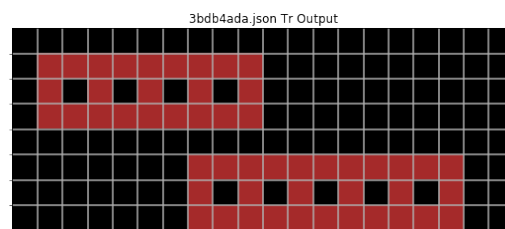
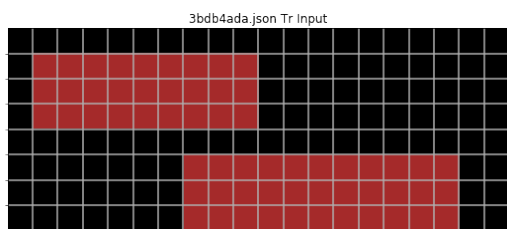
A 7x7 grid with a black background and white grid lines. The first column of the grid is highlighted in red, representing the 'Red' category in the data table.

Red	Black	Black	Black	Black	Black	Red
Red	Black	Black	Black	Black	Red	Black
Red	Black	Black	Black	Red	Black	Black
Red	Black	Black	Red	Black	Black	Black
Red	Black	Red	Black	Black	Black	Black
Red	Red	Black	Black	Black	Black	Black
Red	Red	Red	Red	Red	Red	Red

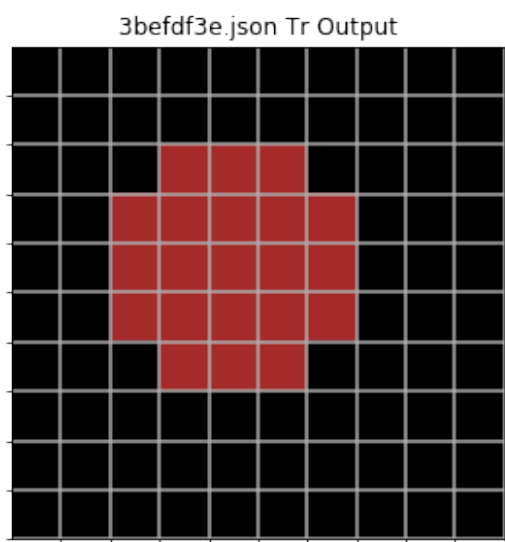
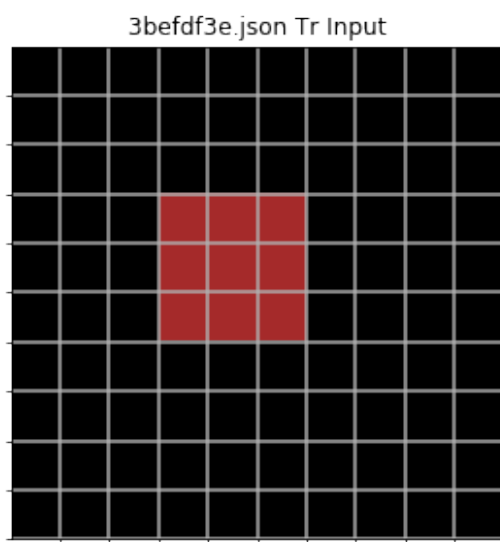
A 10x10 grid of squares. The first column of squares, on the far left, is highlighted in red. The remaining 9 columns are black. All squares are separated by thin white grid lines.

i = 22

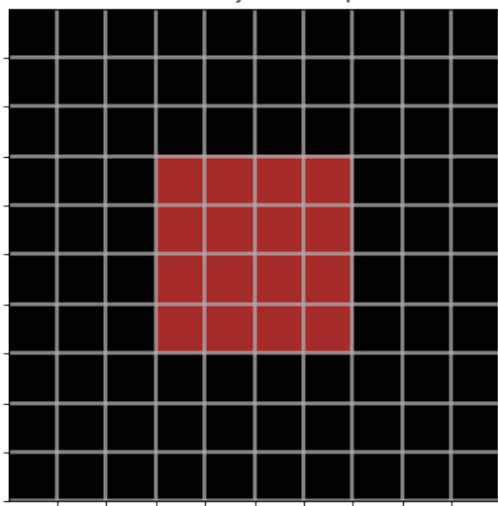
A 10x10 grid where red squares form the letters 'M' and 'A'. The 'M' is formed by red squares at (row, col): (1,2), (1,3), (1,4), (1,5), (1,6), (1,7), (1,8), (1,9), (1,10), (2,2), (2,3), (2,4), (2,5), (2,6), (2,7), (2,8), (2,9), (2,10), (3,2), (3,3), (3,4), (3,5), (3,6), (3,7), (3,8), (3,9), (3,10), (4,2), (4,3), (4,4), (4,5), (4,6), (4,7), (4,8), (4,9), (4,10), (5,2), (5,3), (5,4), (5,5), (5,6), (5,7), (5,8), (5,9), (5,10), (6,2), (6,3), (6,4), (6,5), (6,6), (6,7), (6,8), (6,9), (6,10), (7,2), (7,3), (7,4), (7,5), (7,6), (7,7), (7,8), (7,9), (7,10), (8,2), (8,3), (8,4), (8,5), (8,6), (8,7), (8,8), (8,9), (8,10), (9,2), (9,3), (9,4), (9,5), (9,6), (9,7), (9,8), (9,9), (9,10), (10,2), (10,3), (10,4), (10,5), (10,6), (10,7), (10,8), (10,9), (10,10). The 'A' is formed by red squares at (row, col): (1,2), (1,3), (1,4), (1,5), (1,6), (1,7), (1,8), (1,9), (1,10), (2,2), (2,3), (2,4), (2,5), (2,6), (2,7), (2,8), (2,9), (2,10), (3,2), (3,3), (3,4), (3,5), (3,6), (3,7), (3,8), (3,9), (3,10), (4,2), (4,3), (4,4), (4,5), (4,6), (4,7), (4,8), (4,9), (4,10), (5,2), (5,3), (5,4), (5,5), (5,6), (5,7), (5,8), (5,9), (5,10), (6,2), (6,3), (6,4), (6,5), (6,6), (6,7), (6,8), (6,9), (6,10), (7,2), (7,3), (7,4), (7,5), (7,6), (7,7), (7,8), (7,9), (7,10), (8,2), (8,3), (8,4), (8,5), (8,6), (8,7), (8,8), (8,9), (8,10), (9,2), (9,3), (9,4), (9,5), (9,6), (9,7), (9,8), (9,9), (9,10), (10,2), (10,3), (10,4), (10,5), (10,6), (10,7), (10,8), (10,9), (10,10).



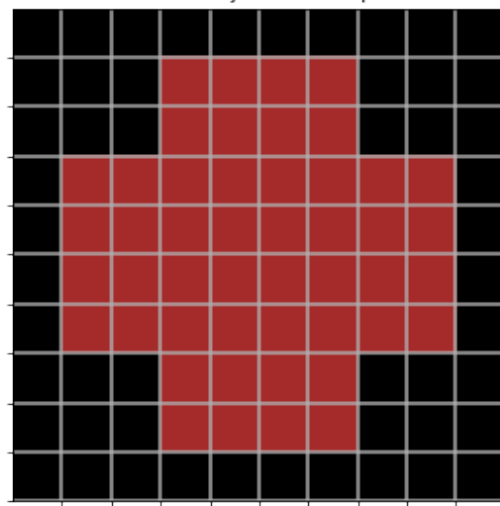
i = 23



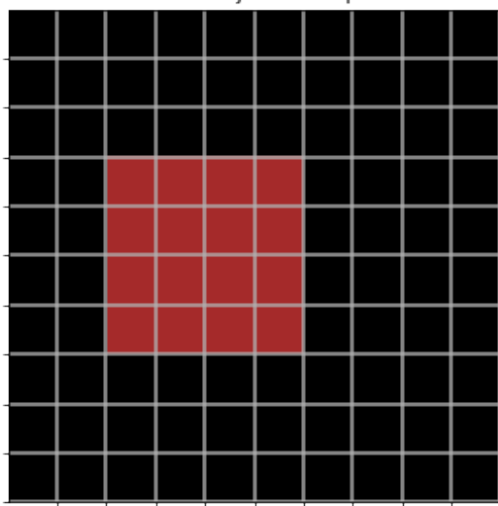
3befdf3e.json Tr Input



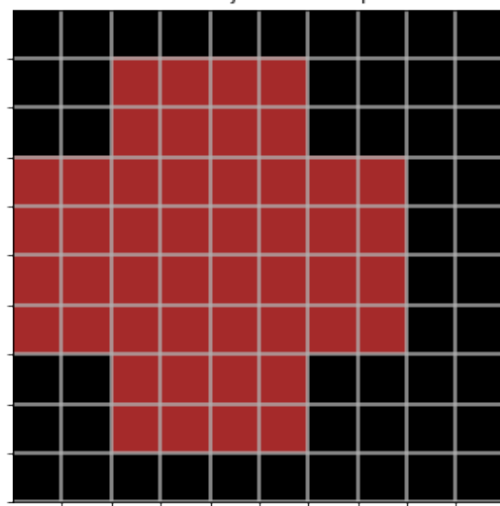
3befdf3e.json Tr Output



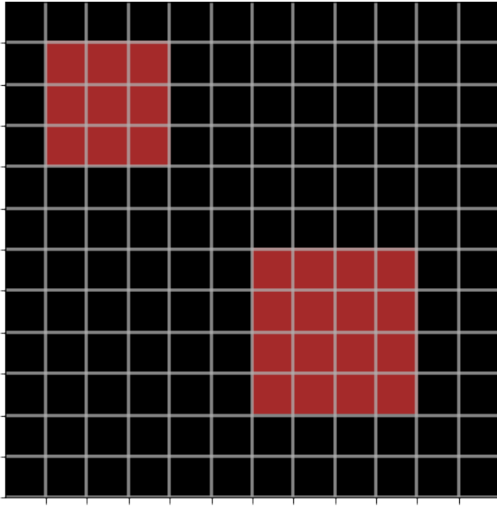
3befdf3e.json Tr Input



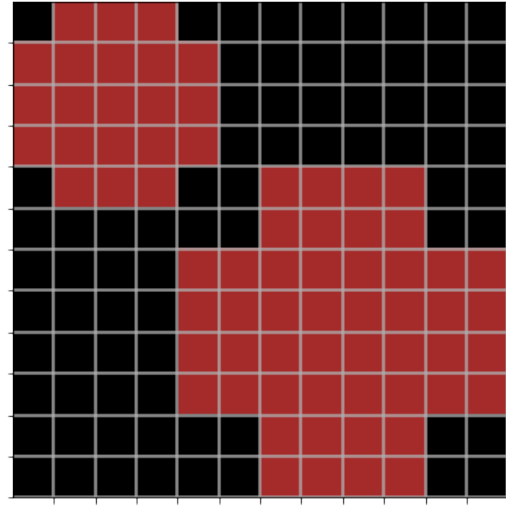
3befdf3e.json Tr Output



3befdf3e.json Te Input

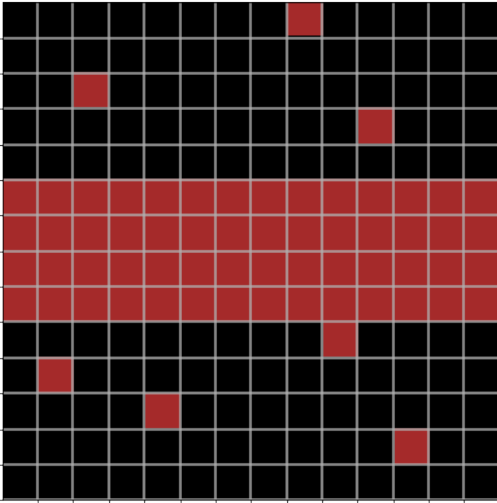


3befdf3e.json Te Output

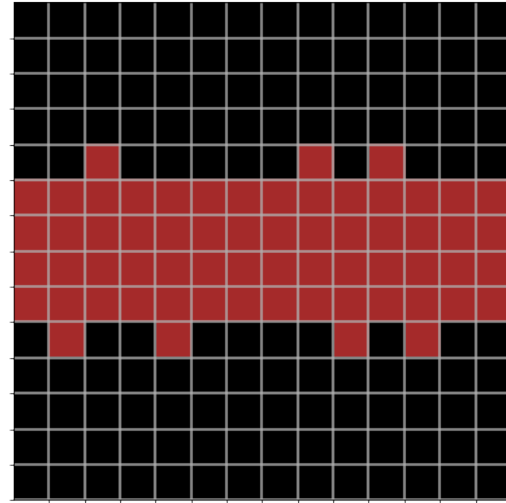


i = 24

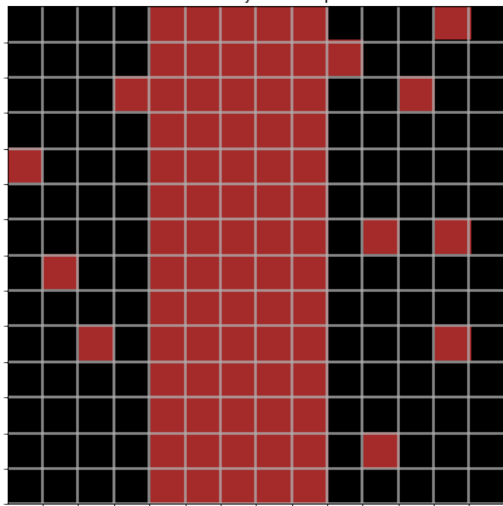
4093f84a.json Tr Input



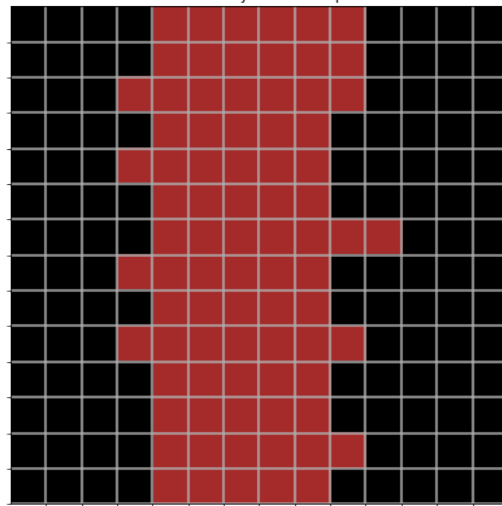
4093f84a.json Tr Output



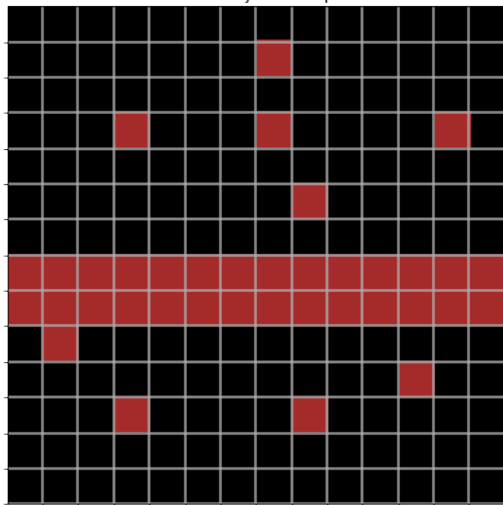
4093f84a.json Tr Input



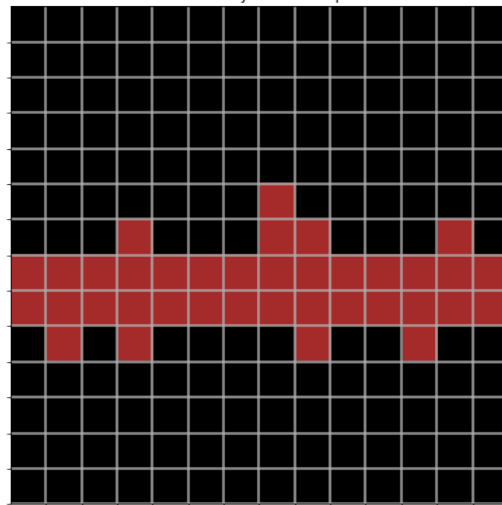
4093f84a.json Tr Output

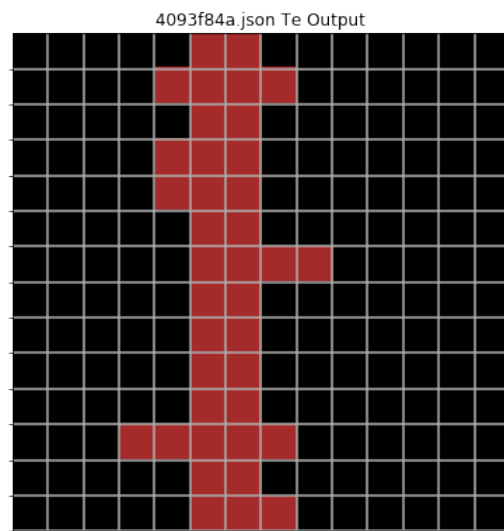
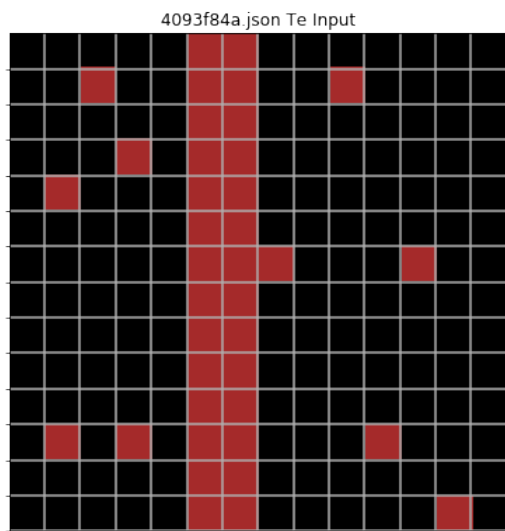


4093f84a.json Tr Input

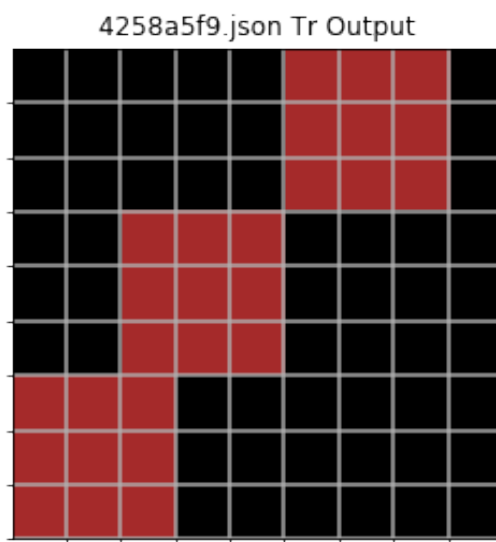
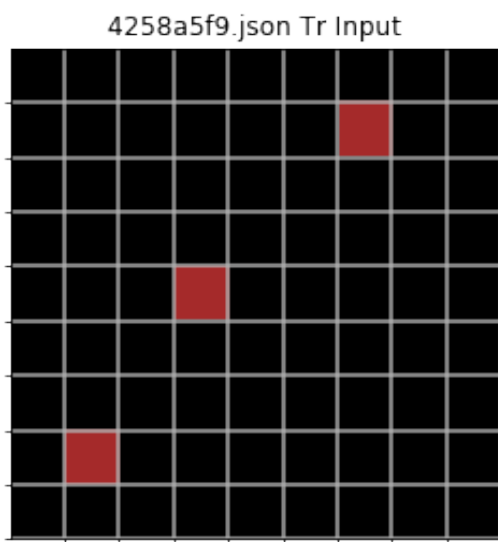


4093f84a.json Tr Output

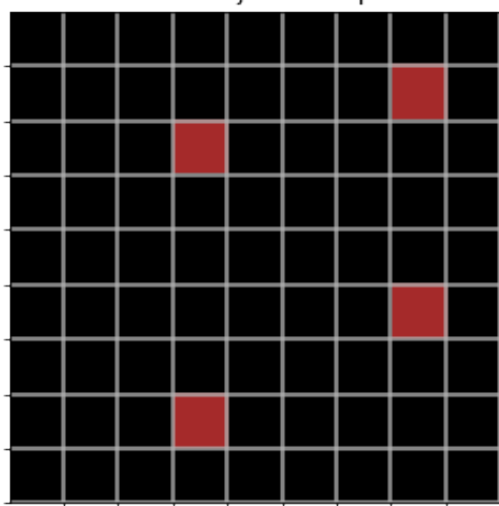




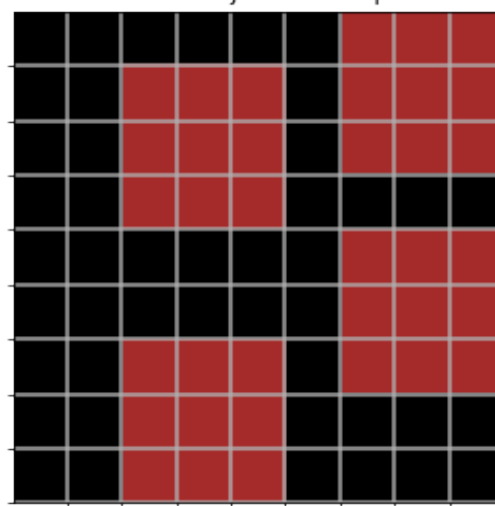
i = 25



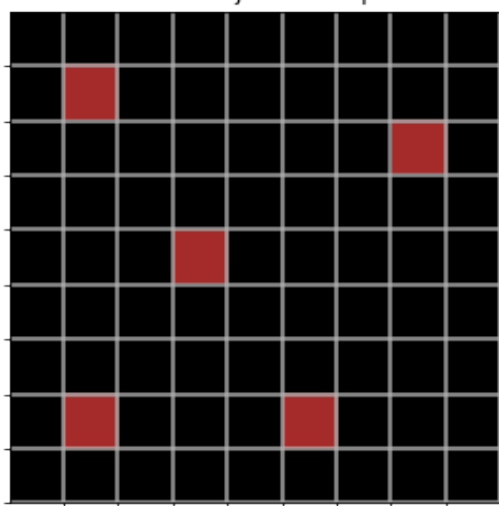
4258a5f9.json Tr Input



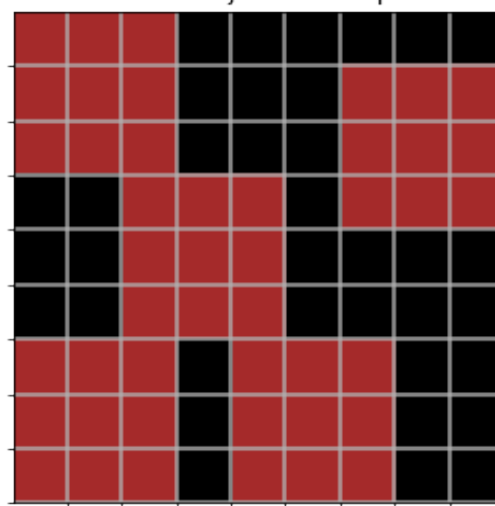
4258a5f9.json Tr Output



4258a5f9.json Te Input

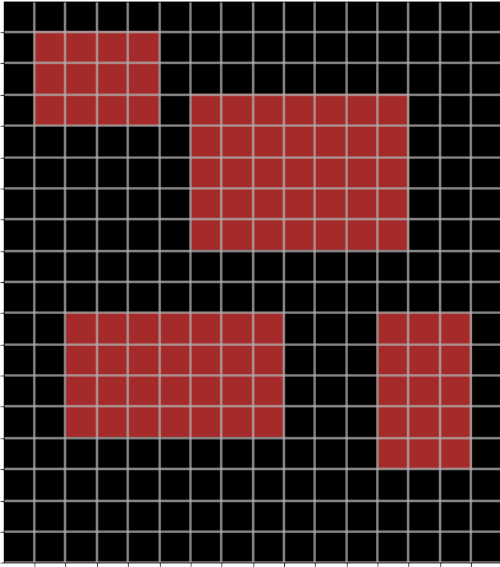


4258a5f9.json Te Output

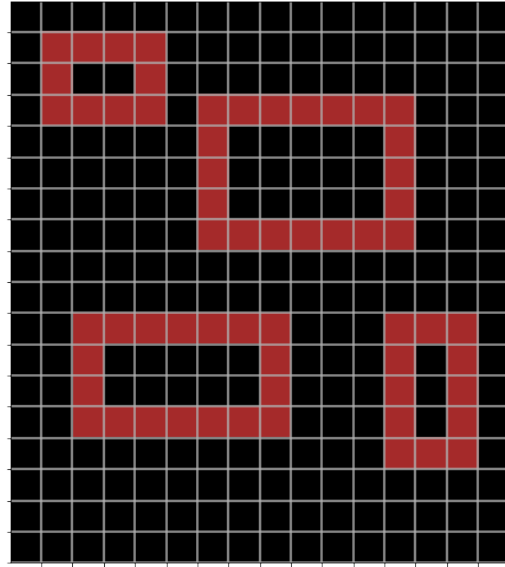


i = 26

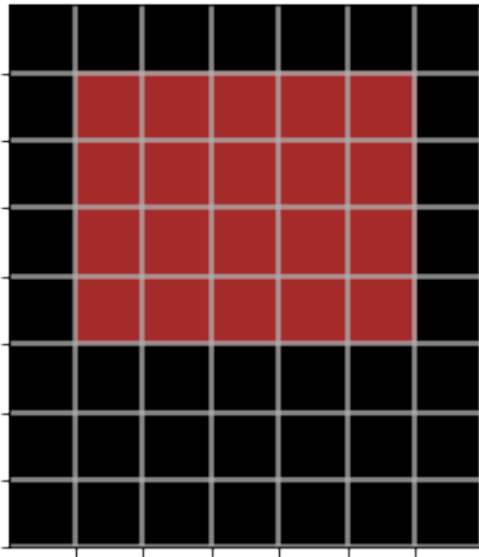
4347f46a json Tr Input



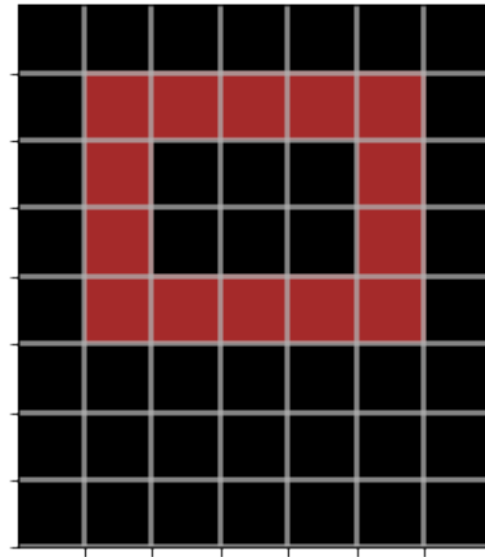
4347f46a json Tr Output



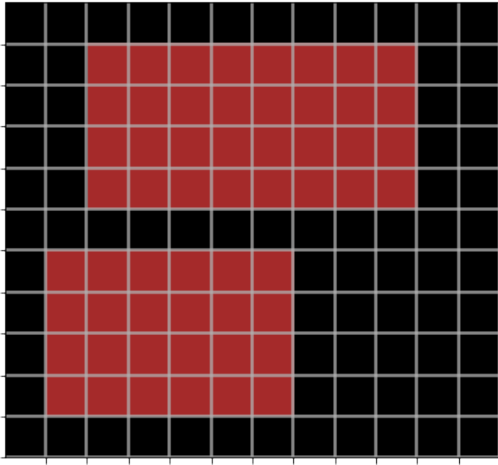
4347f46a.json Tr Input



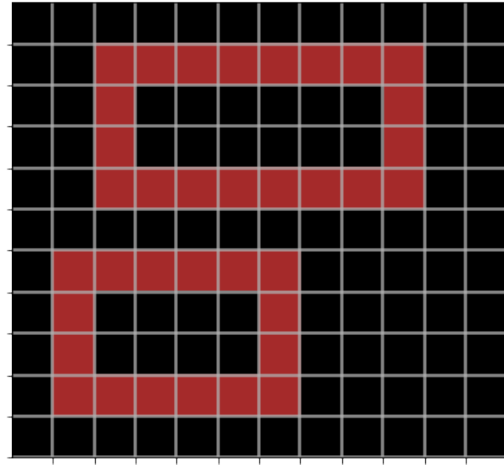
4347f46a.json Tr Output



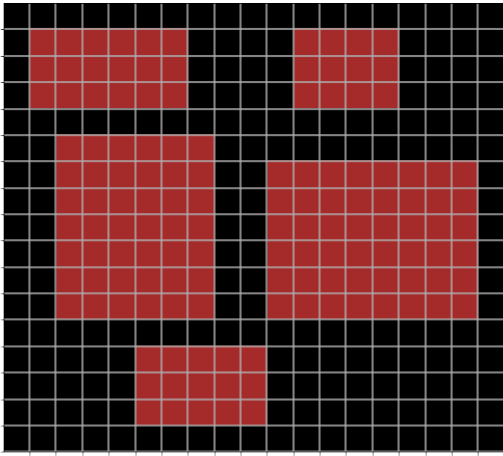
4347f46a.json Tr Input



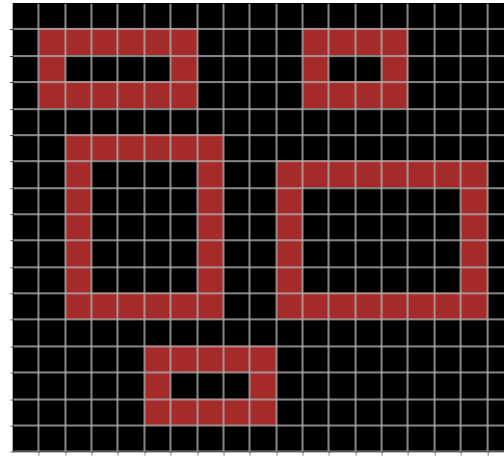
4347f46a.json Tr Output



4347f46a.json Te Input

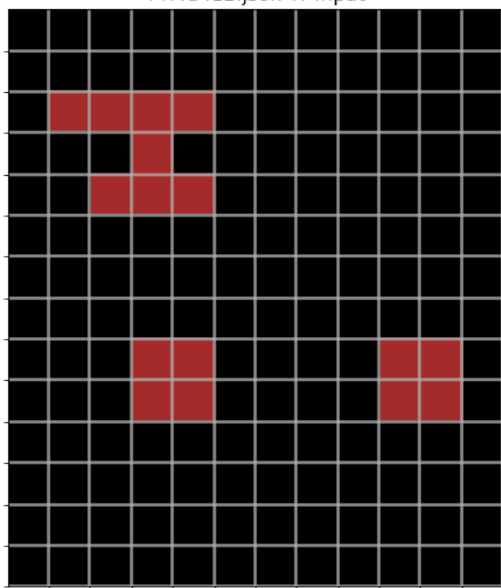


4347f46a.json Te Output

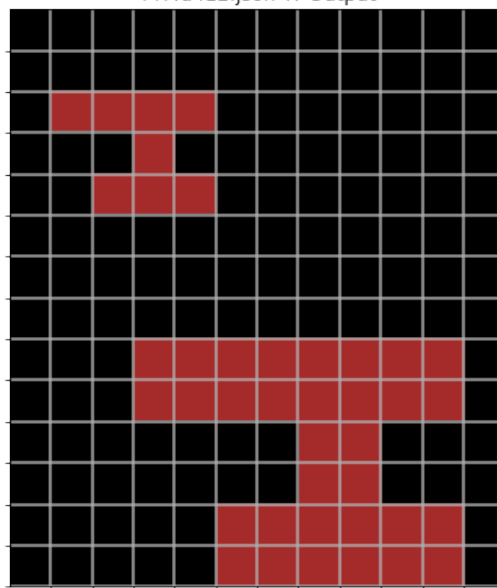


i = 27

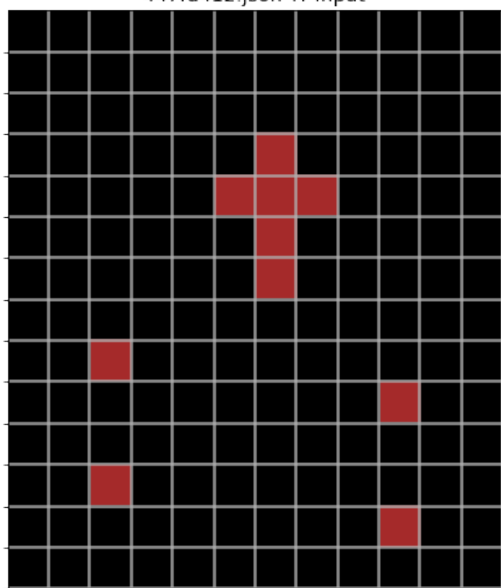
447fd412.json Tr Input



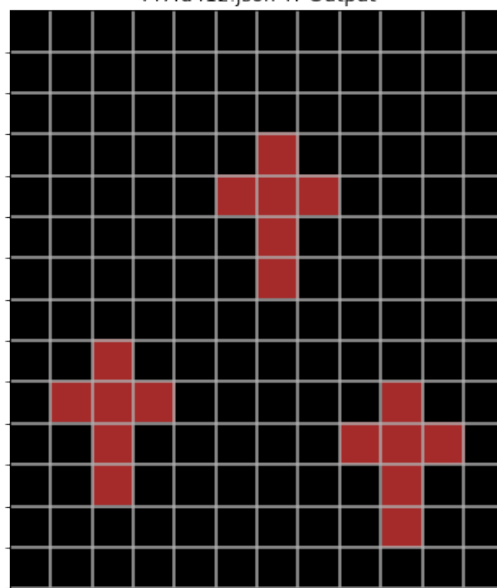
447fd412.json Tr Output



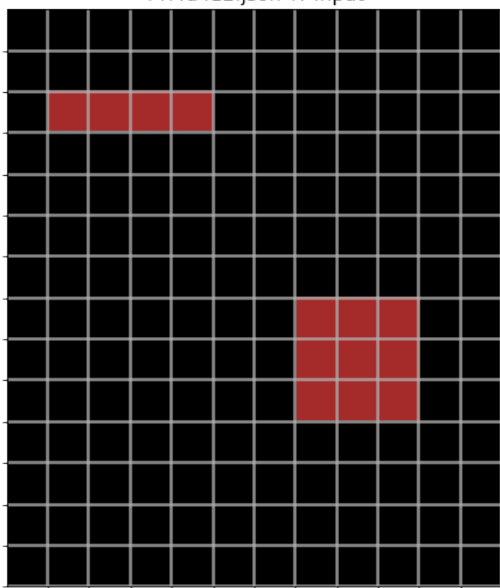
447fd412.json Tr Input



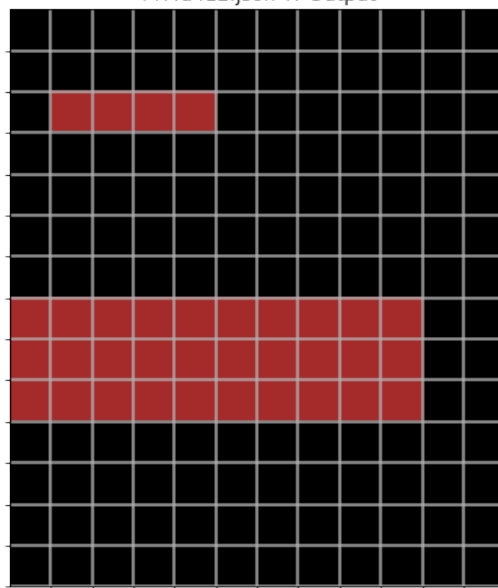
447fd412.json Tr Output



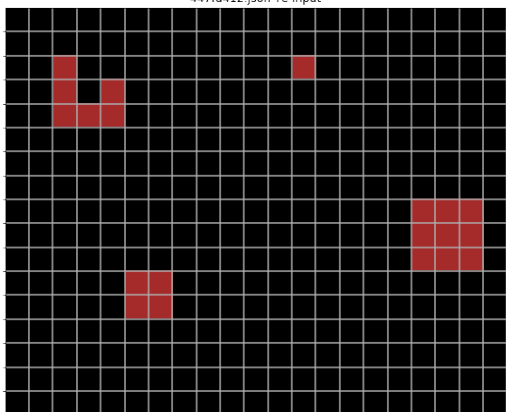
447fd412.json Tr Input



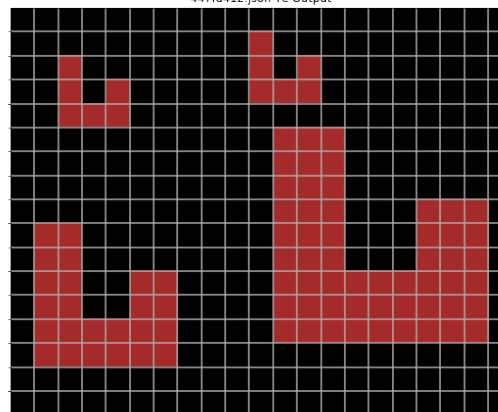
447fd412.json Tr Output



447fd412.json Te Input

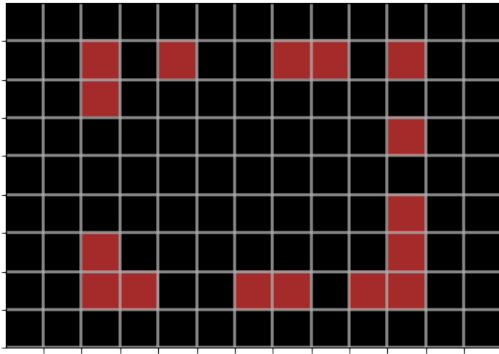


447fd412.json Te Output

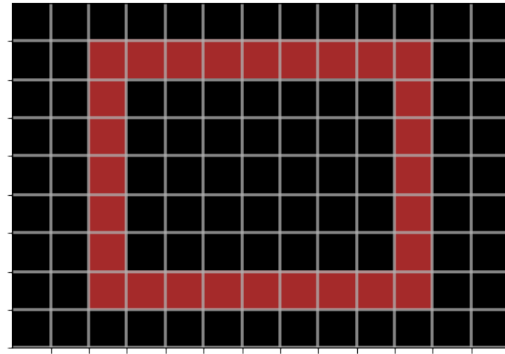


i = 28

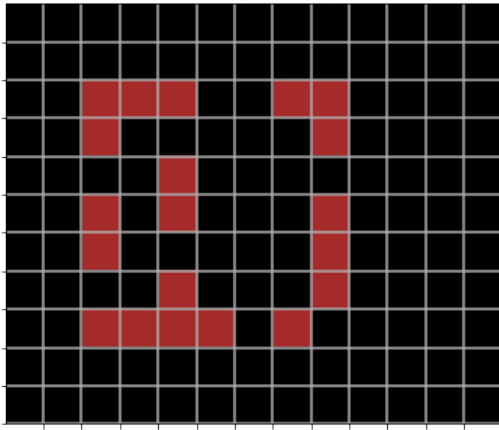
4612dd53.json Tr Input



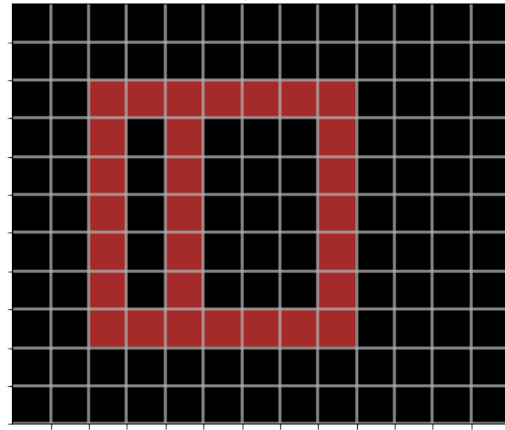
4612dd53.json Tr Output



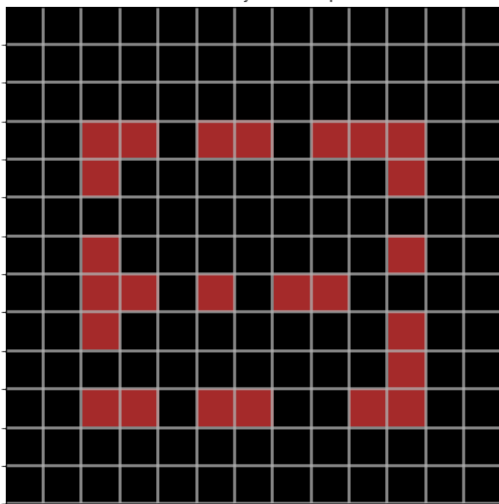
4612dd53.json Tr Input



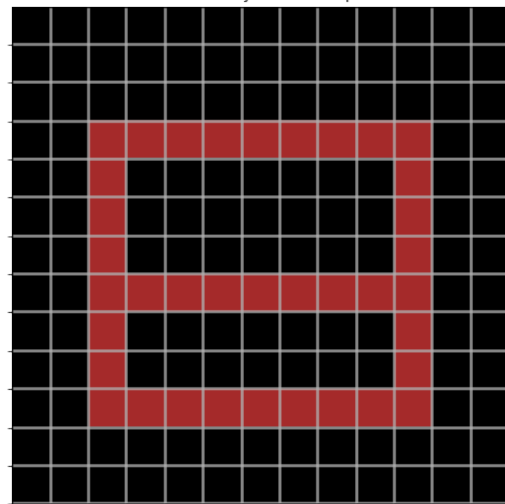
4612dd53.json Tr Output



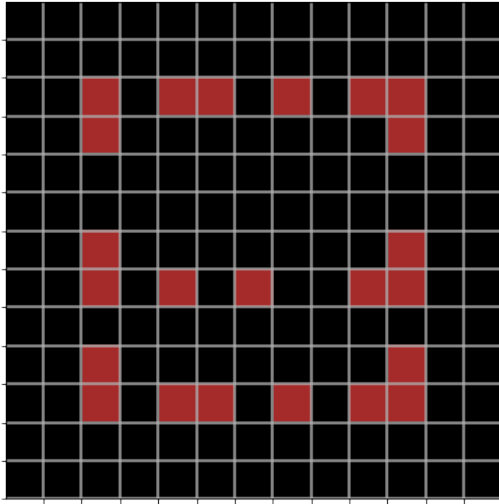
4612dd53.json Tr Input



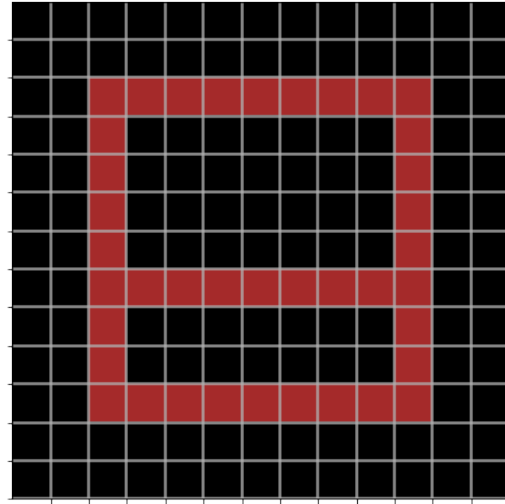
4612dd53.json Tr Output



4612dd53.json Te Input

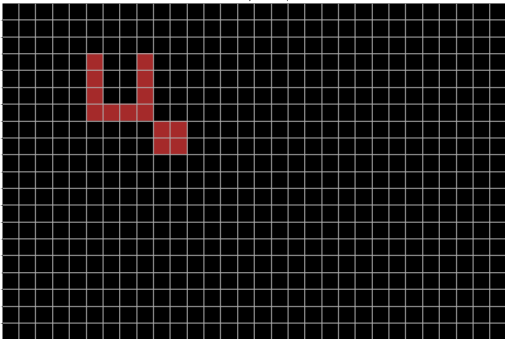


4612dd53.json Te Output

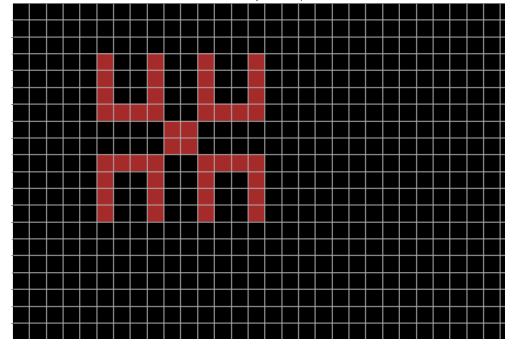


i = 29

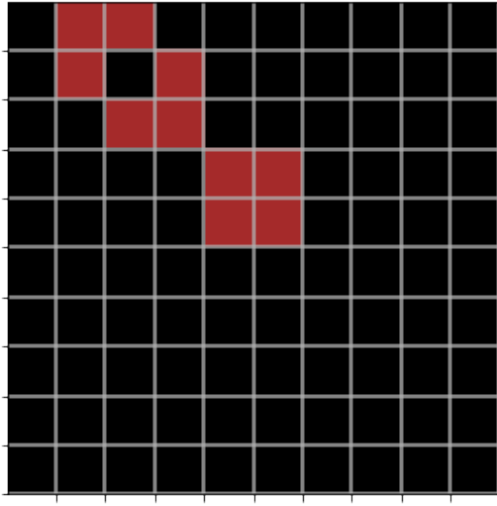
4938f0c2.json Tr Input



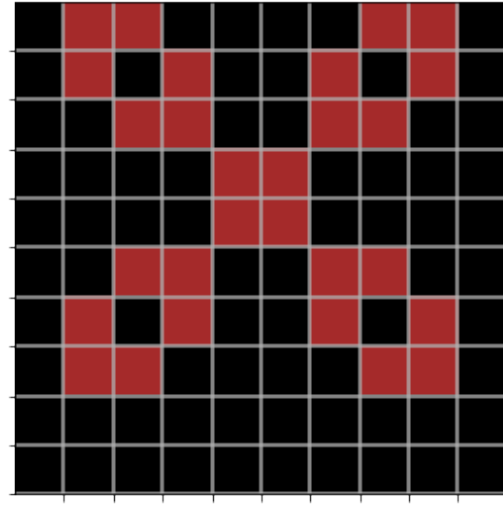
4938f0c2.json Tr Output



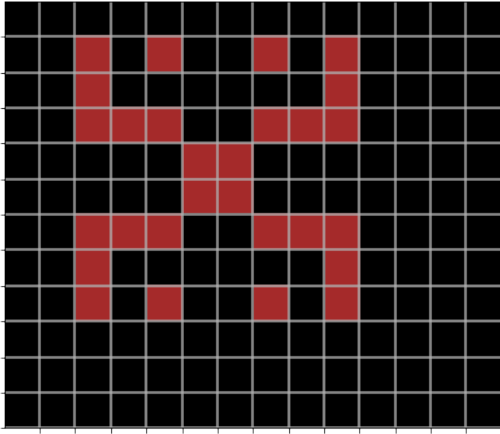
4938f0c2.json Tr Input



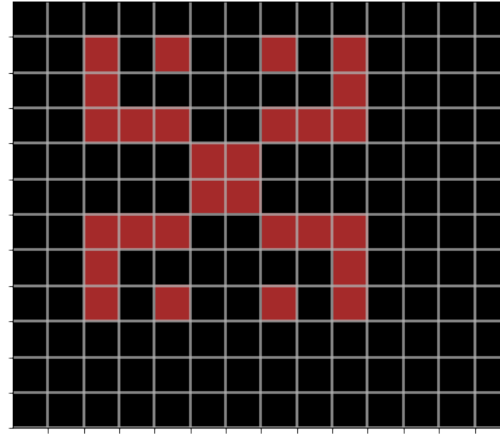
4938f0c2.json Tr Output



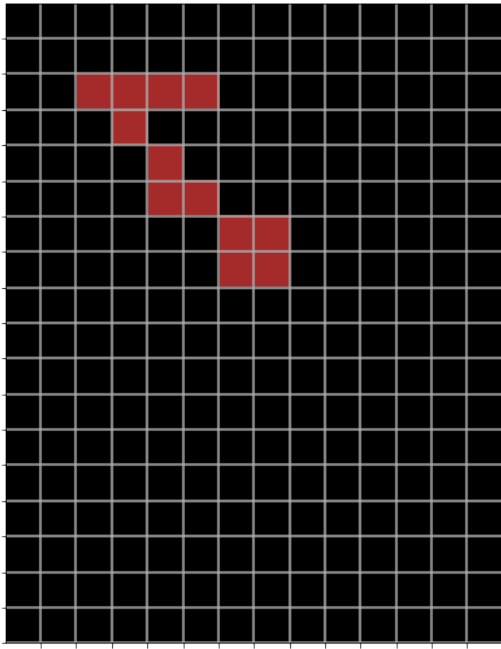
4938f0c2.json Tr Input



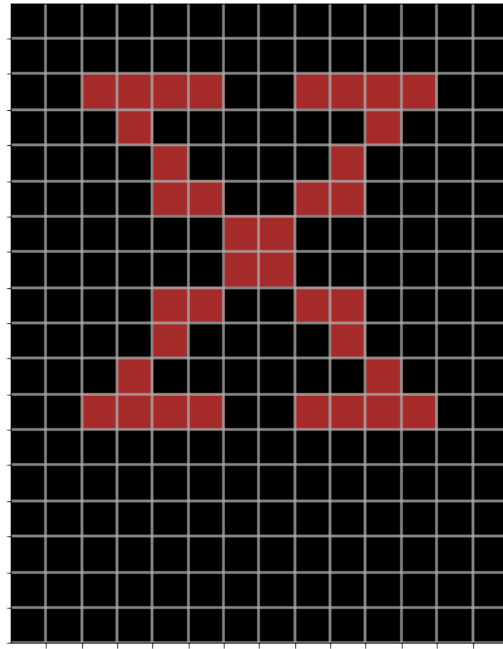
4938f0c2.json Tr Output



4938f0c2.json Te Input

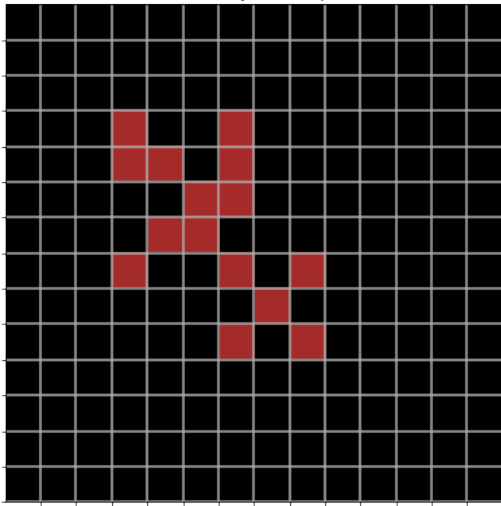


4938f0c2.json Te Output

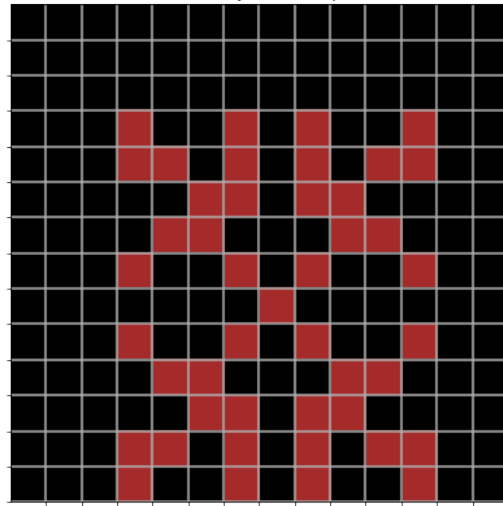


i = 30

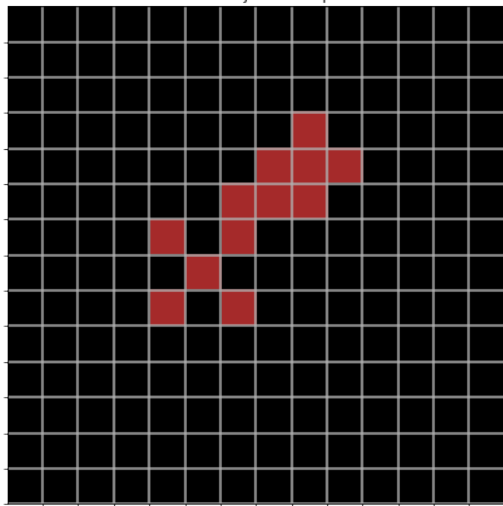
4c5c2cf0.json Tr Input



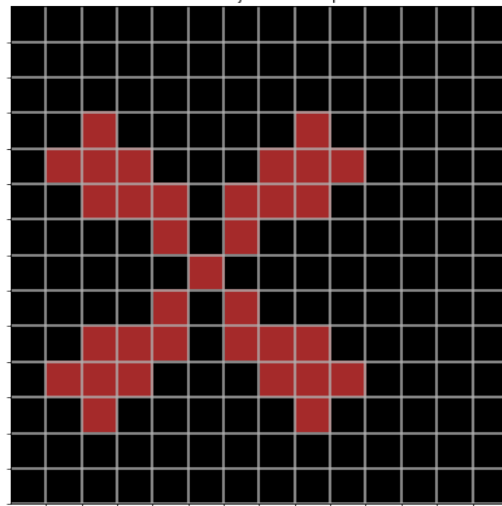
4c5c2cf0.json Tr Output



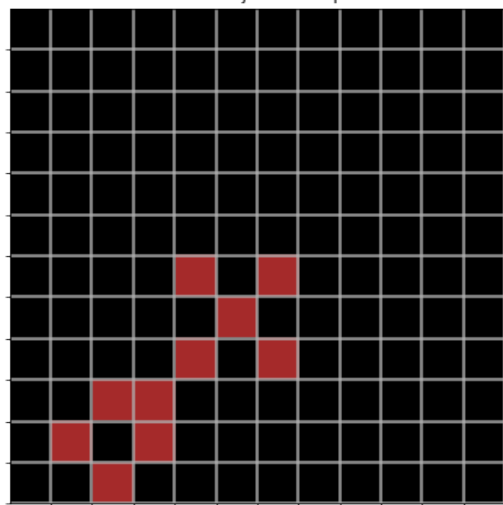
4c5c2cf0.json Tr Input



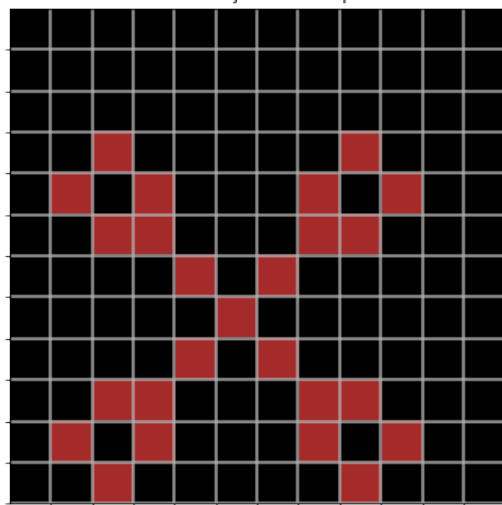
4c5c2cf0.json Tr Output



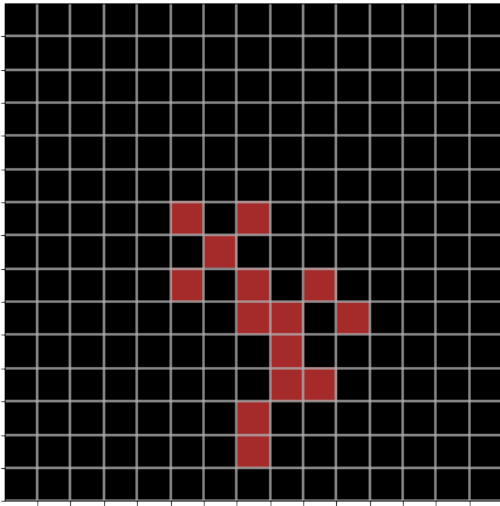
4c5c2cf0.json Tr Input



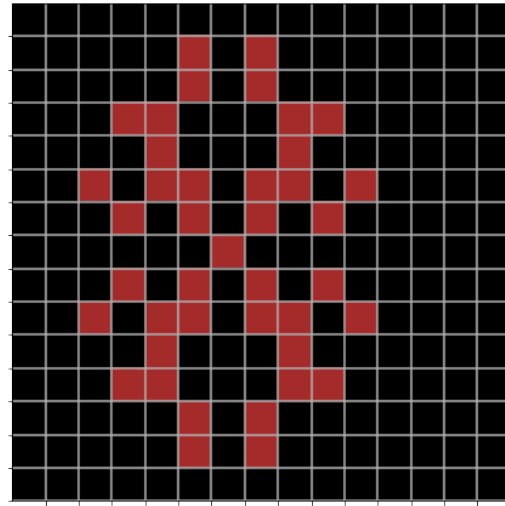
4c5c2cf0.json Tr Output



4c5c2cf0.json Te Input

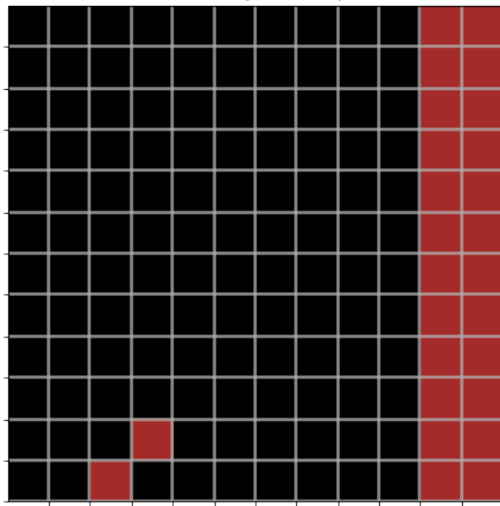


4c5c2cf0.json Te Output

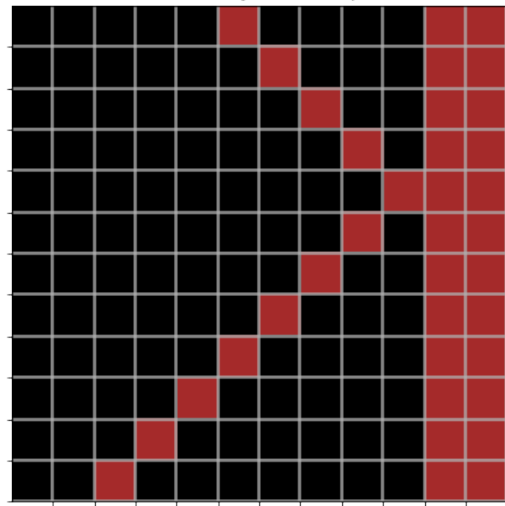


i = 31

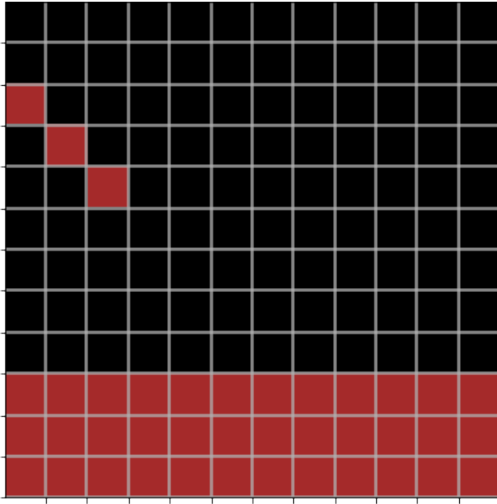
508bd3b6.json Tr Input



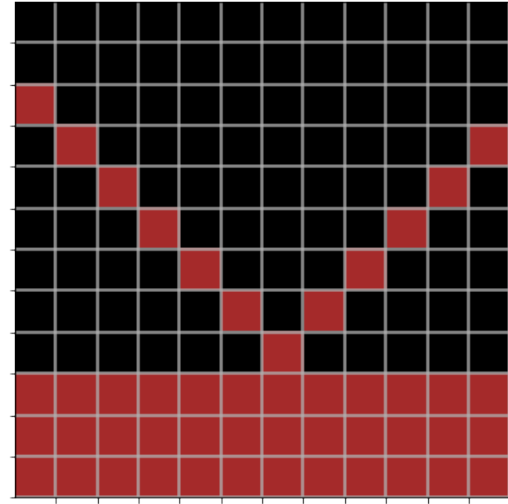
508bd3b6.json Tr Output



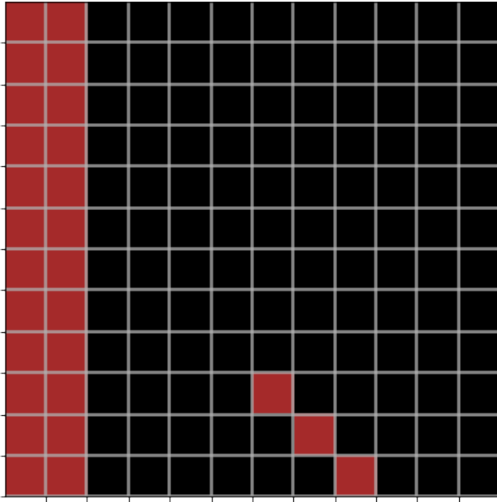
508bd3b6.json Tr Input



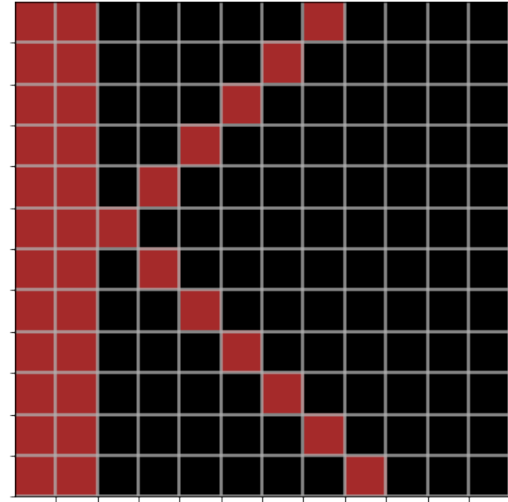
508bd3b6.json Tr Output



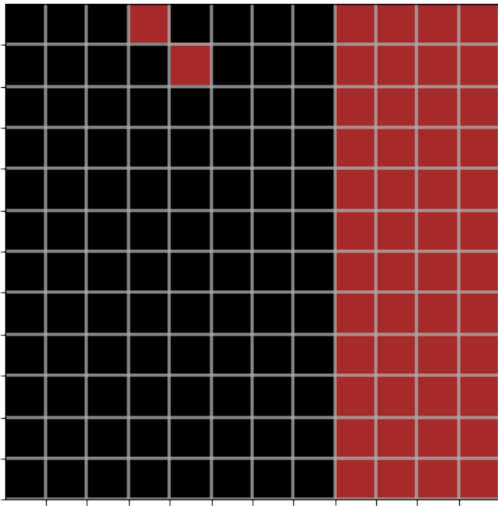
508bd3b6.json Tr Input



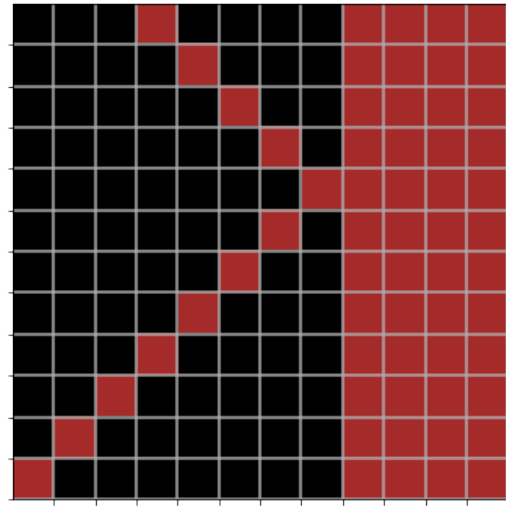
508bd3b6.json Tr Output



508bd3b6.json Te Input

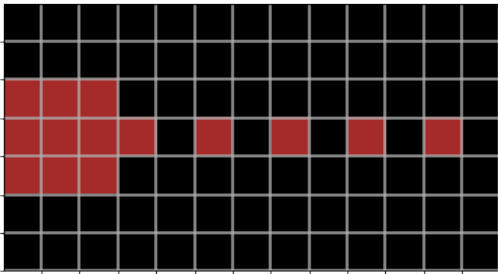


508bd3b6.json Te Output

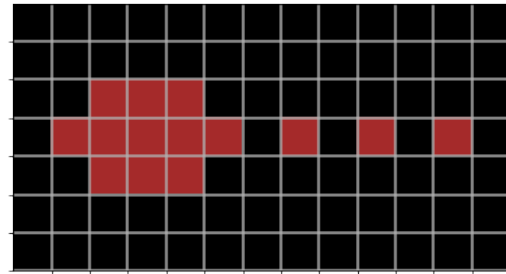


i = 32

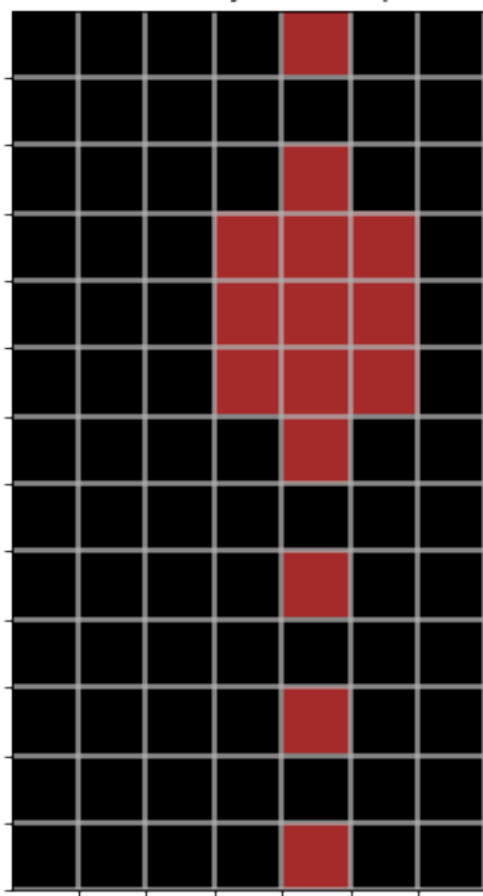
5168d44c.json Tr Input



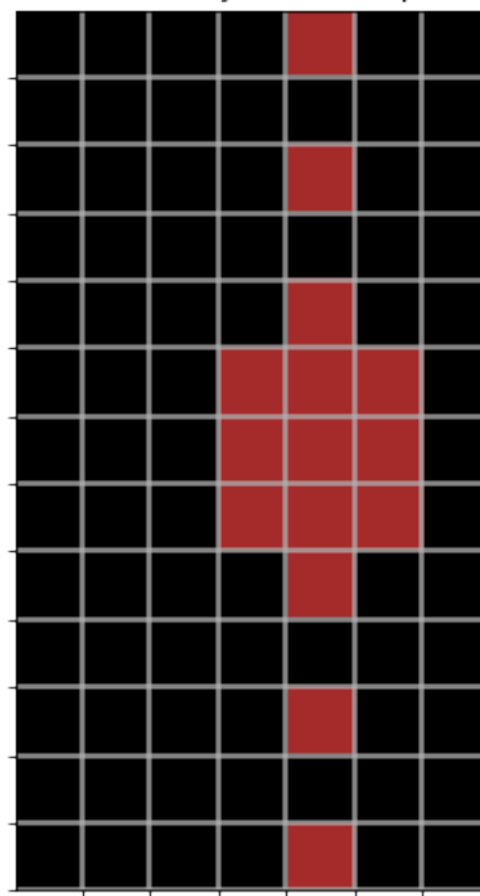
5168d44c.json Tr Output



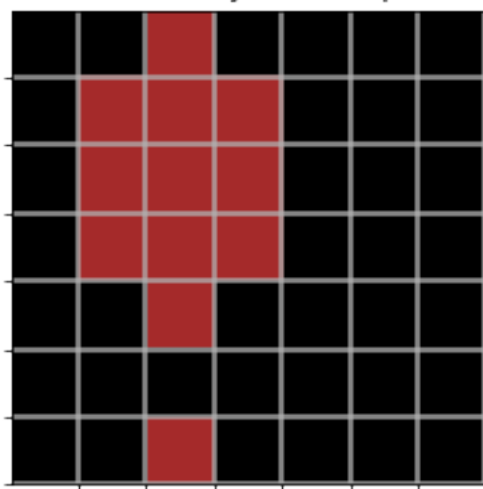
5168d44c.json Tr Input



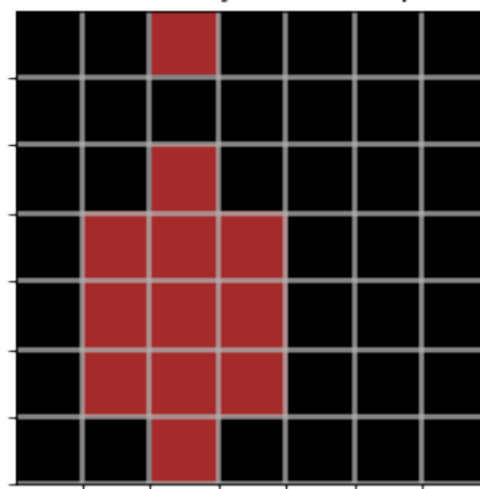
5168d44c.json Tr Output

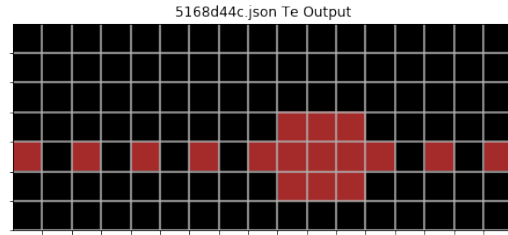
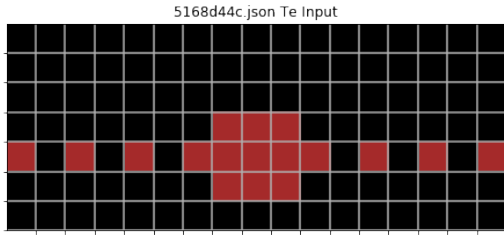


5168d44c.json Tr Input

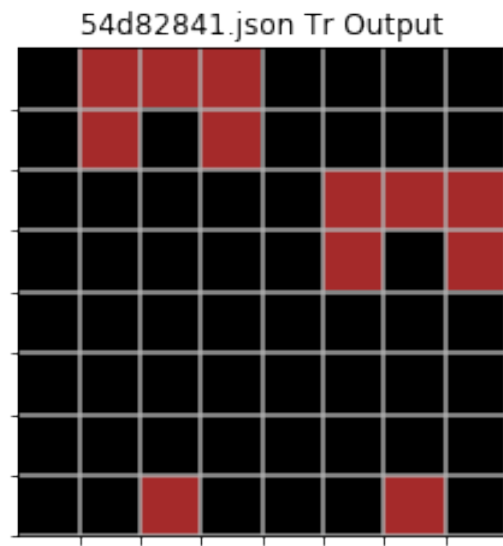
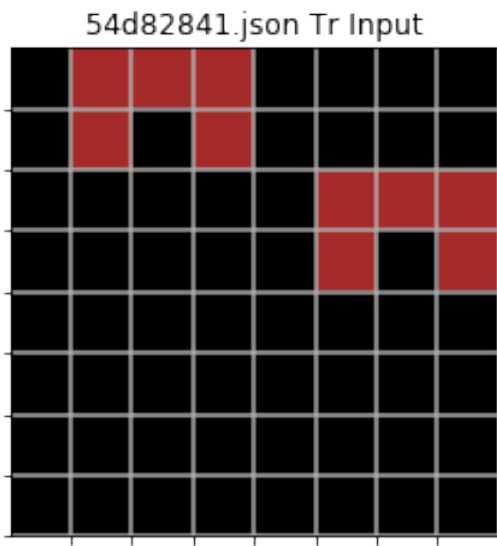


5168d44c.json Tr Output

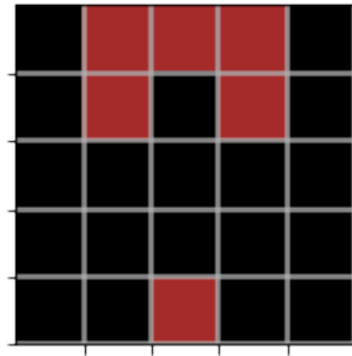
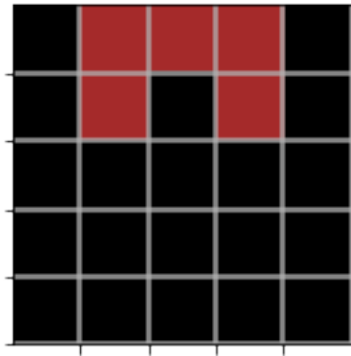




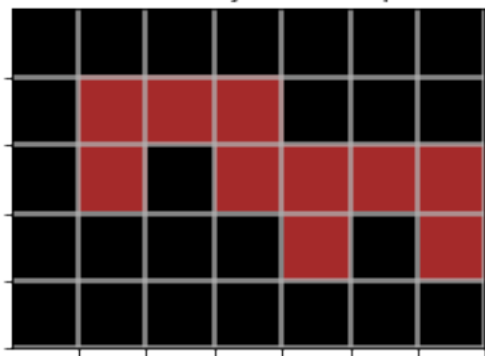
i = 33



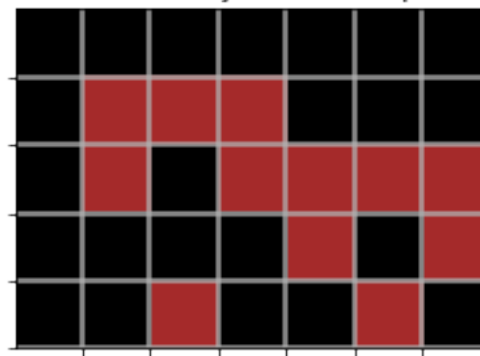
54d82841.json Tr Input 54d82841.json Tr Output



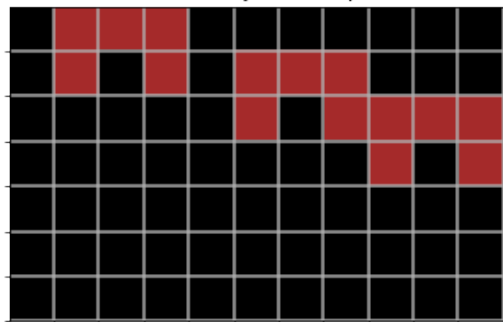
54d82841.json Tr Input



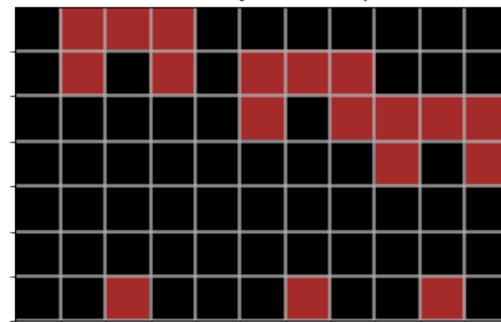
54d82841.json Tr Output



54d82841.json Te Input

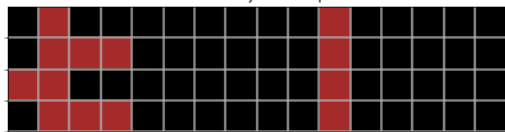


54d82841.json Te Output

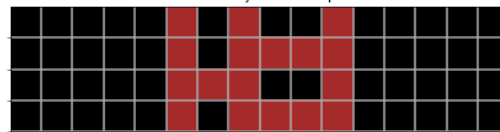


i = 34

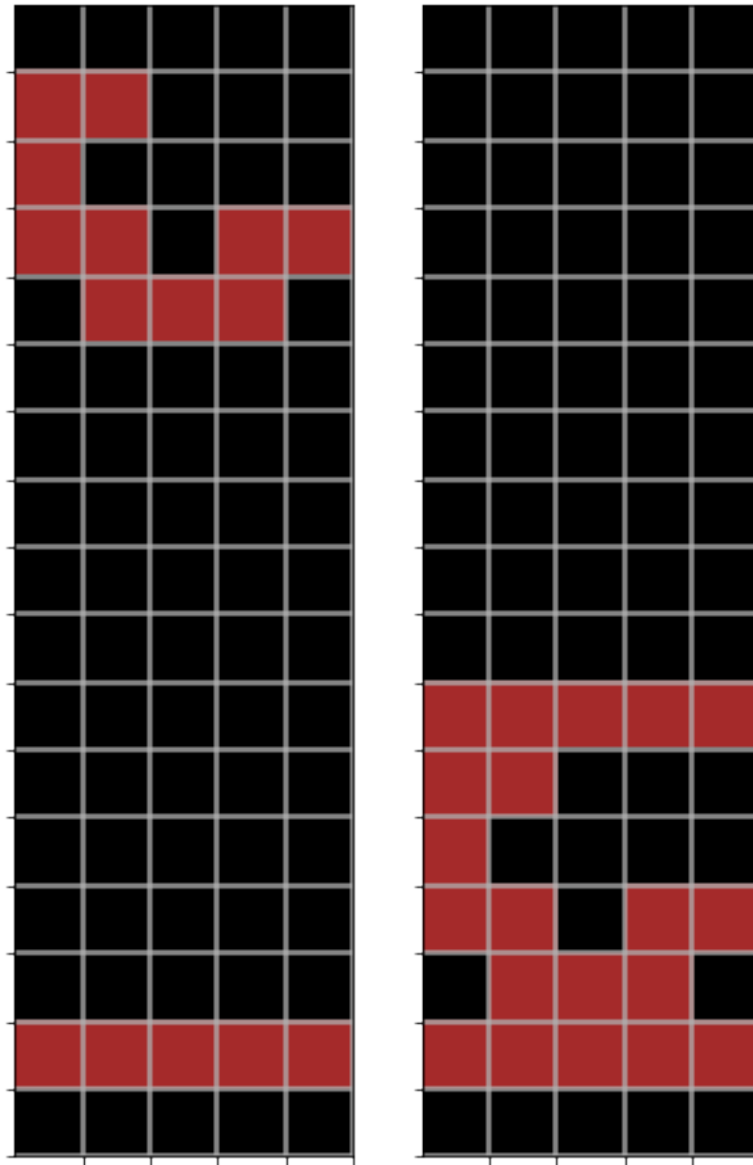
56dc2b01.json Tr Input



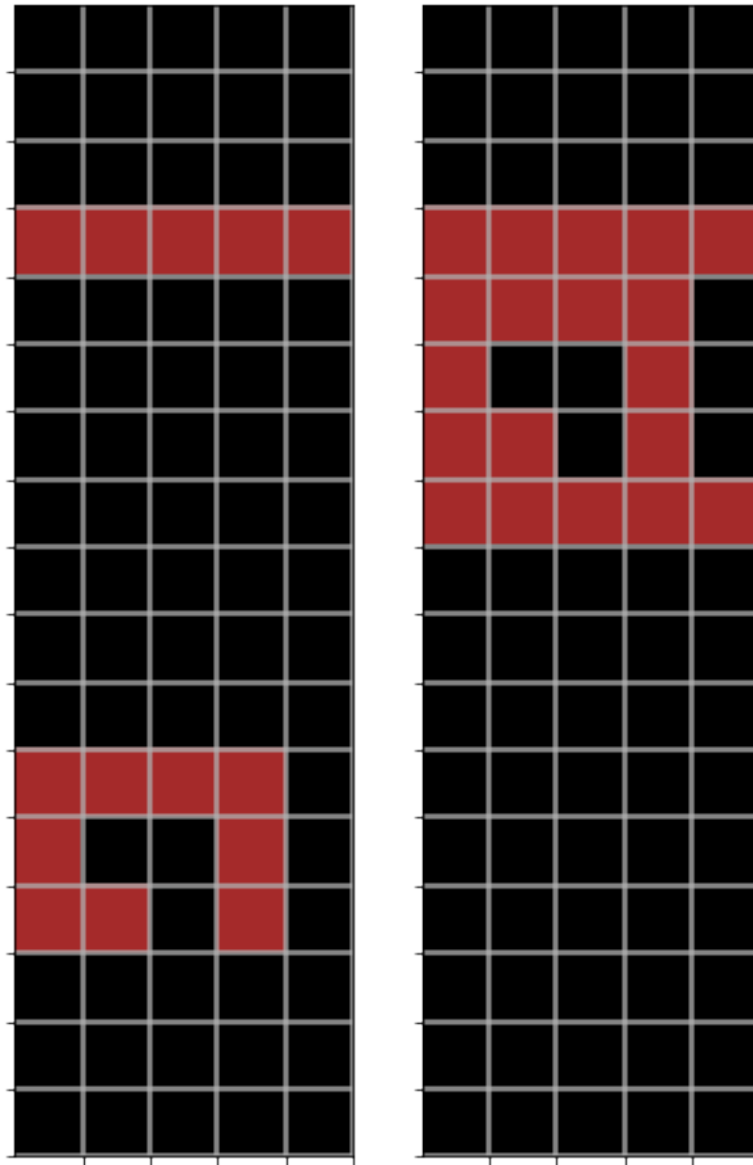
56dc2b01.json Tr Output



56dc2b01.json Tr Input 56dc2b01.json Tr Output



56dc2b01.json Tr Input 56dc2b01.json Tr Output



56dc2b01.json Te Input

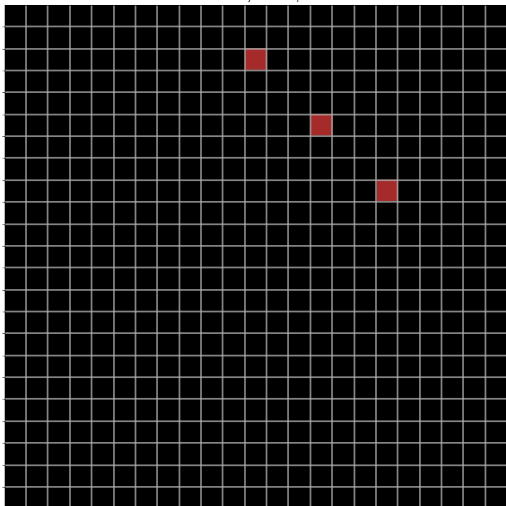


56dc2b01.json Te Output

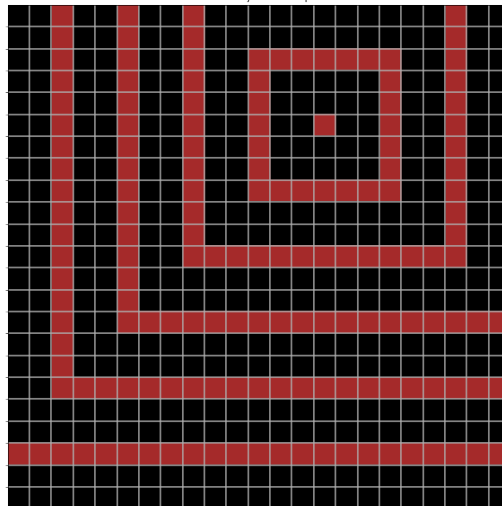


i = 35

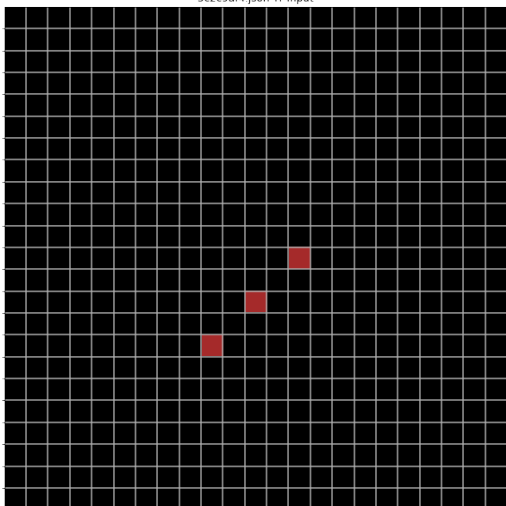
5c2c9af4.json Tr Input



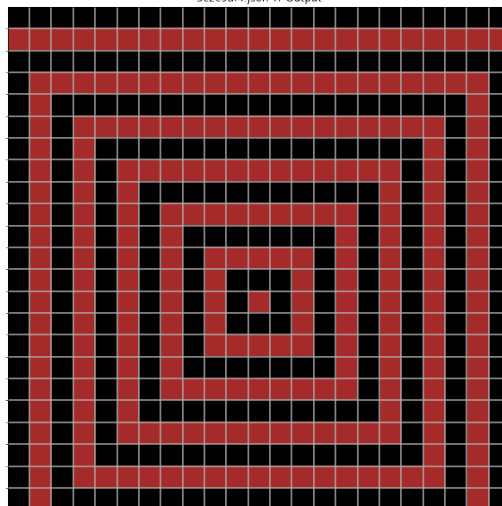
5c2c9af4.json Tr Output

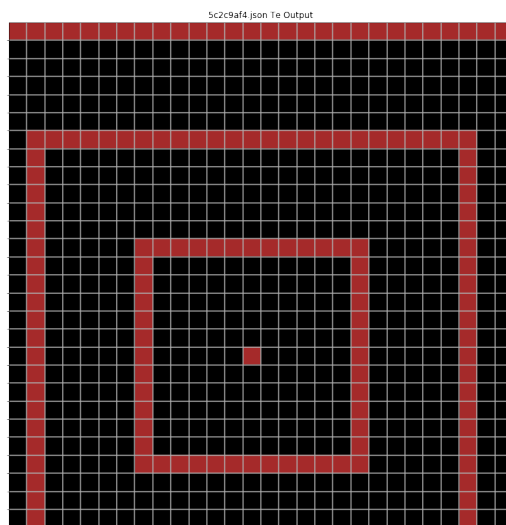
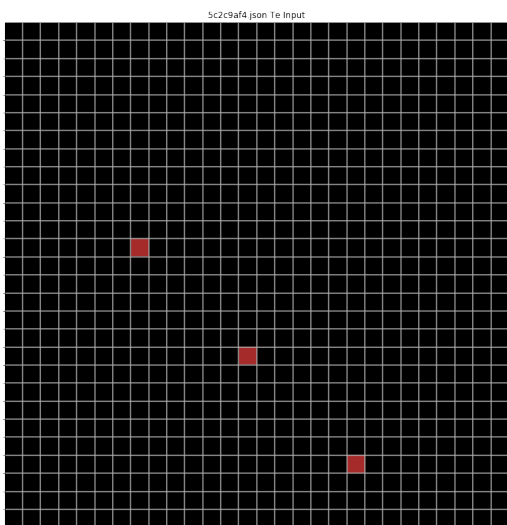
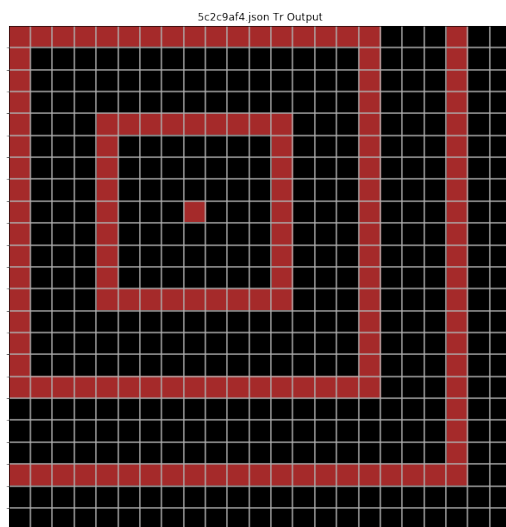
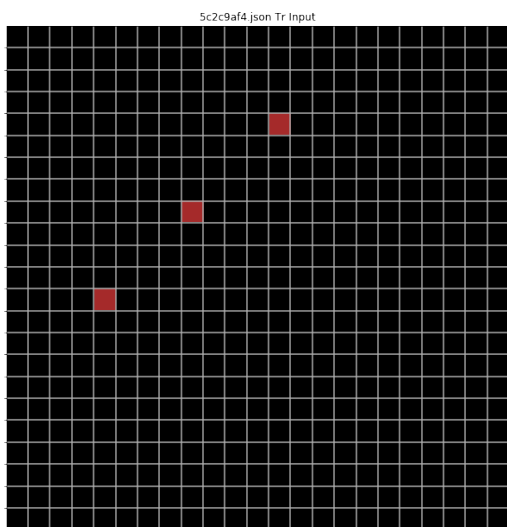


5c2c9af4.json Tr Input



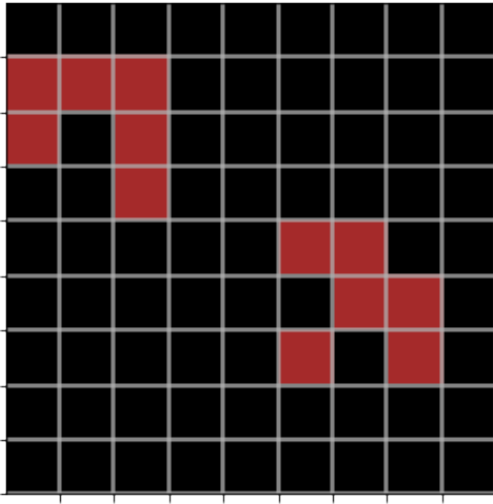
5c2c9af4.json Tr Output



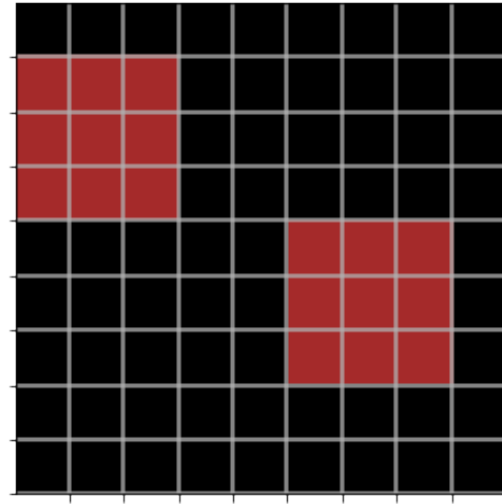


i = 36

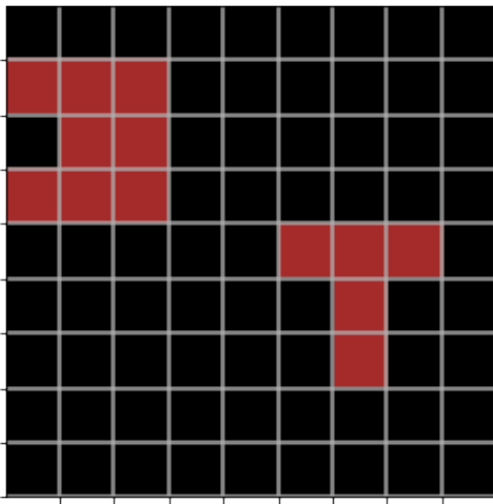
60b61512.json Tr Input



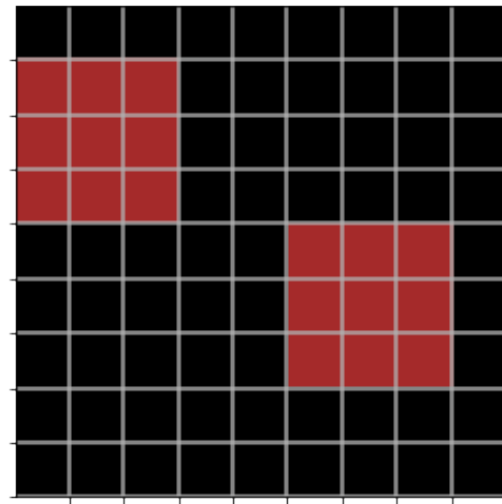
60b61512.json Tr Output



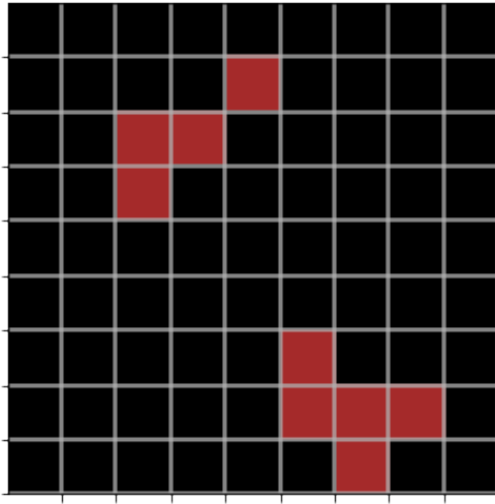
60b61512.json Tr Input



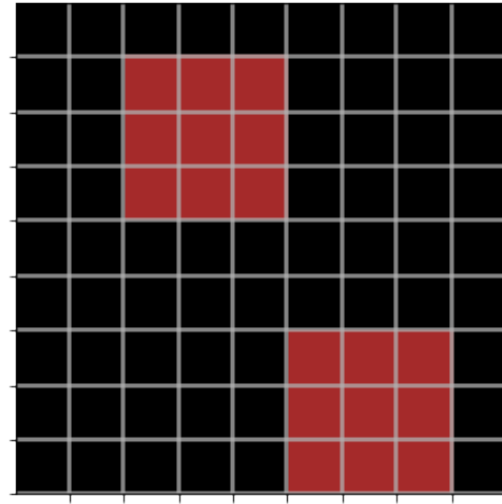
60b61512.json Tr Output



60b61512.json Te Input

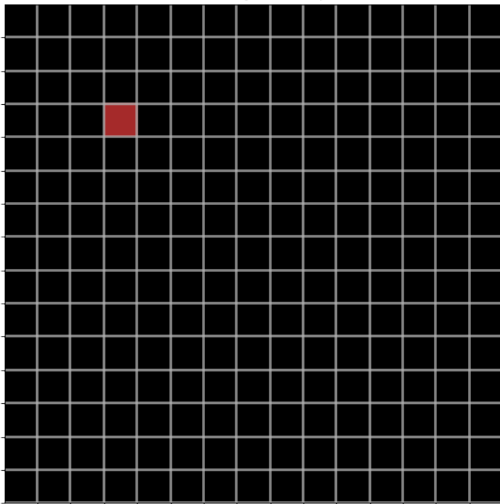


60b61512.json Te Output

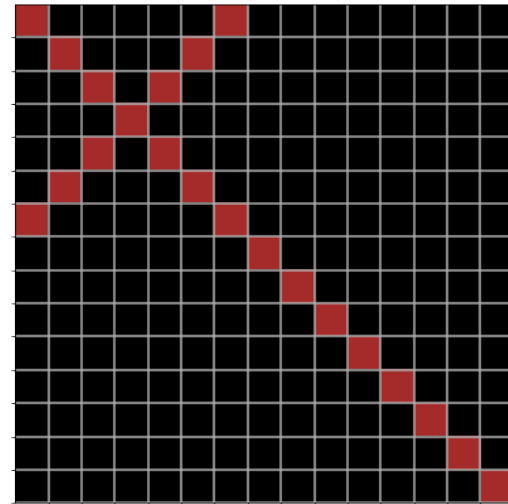


i = 37

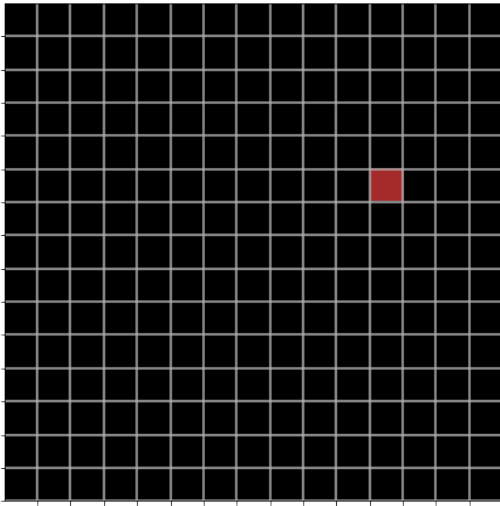
623ea044.json Tr Input



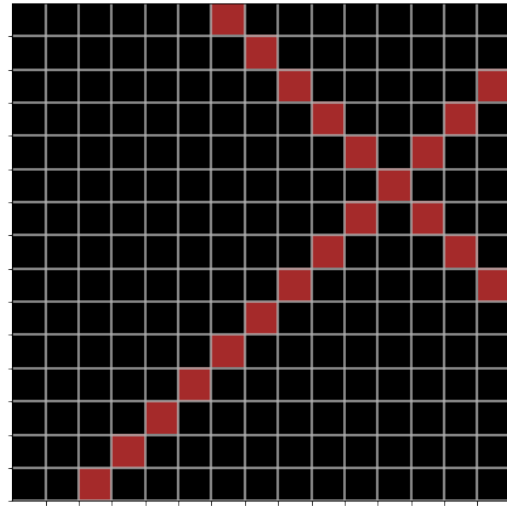
623ea044.json Tr Output



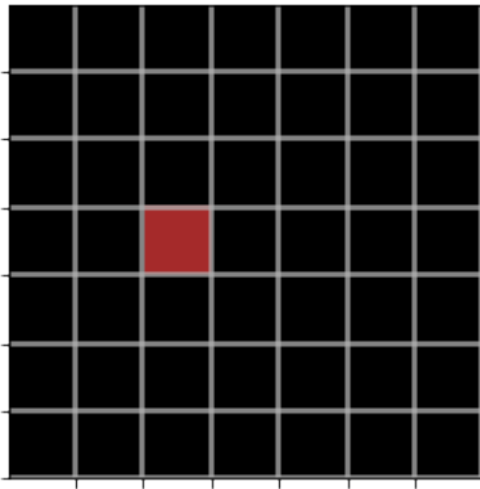
623ea044.json Tr Input



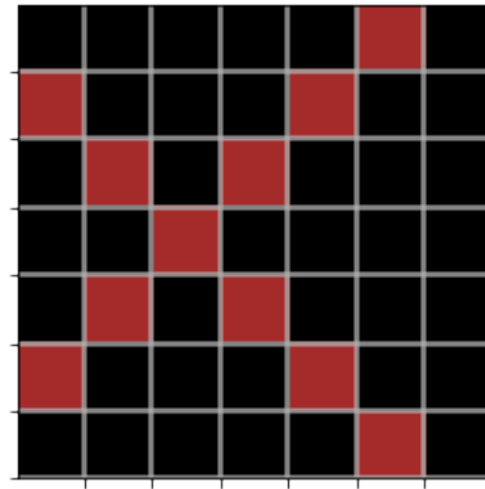
623ea044.json Tr Output

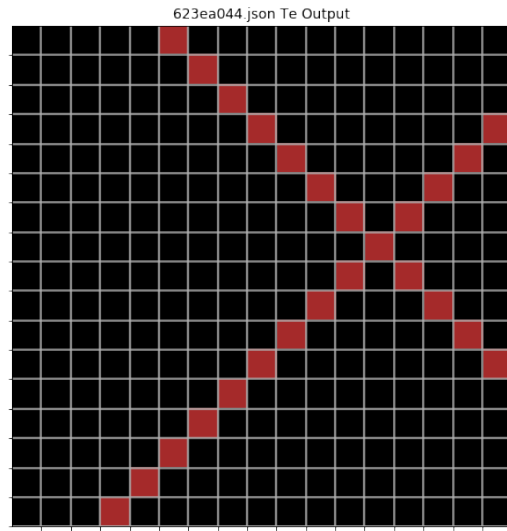
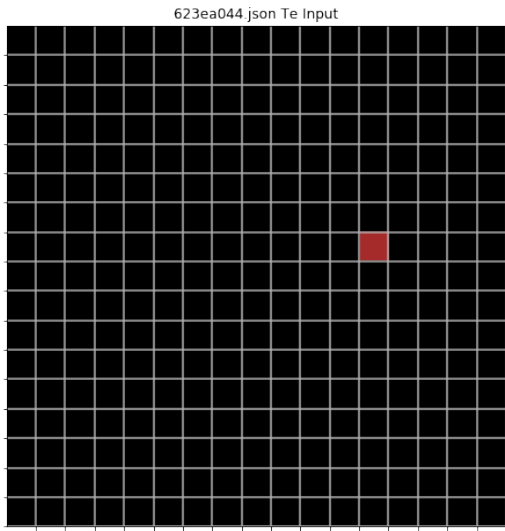


623ea044.json Tr Input



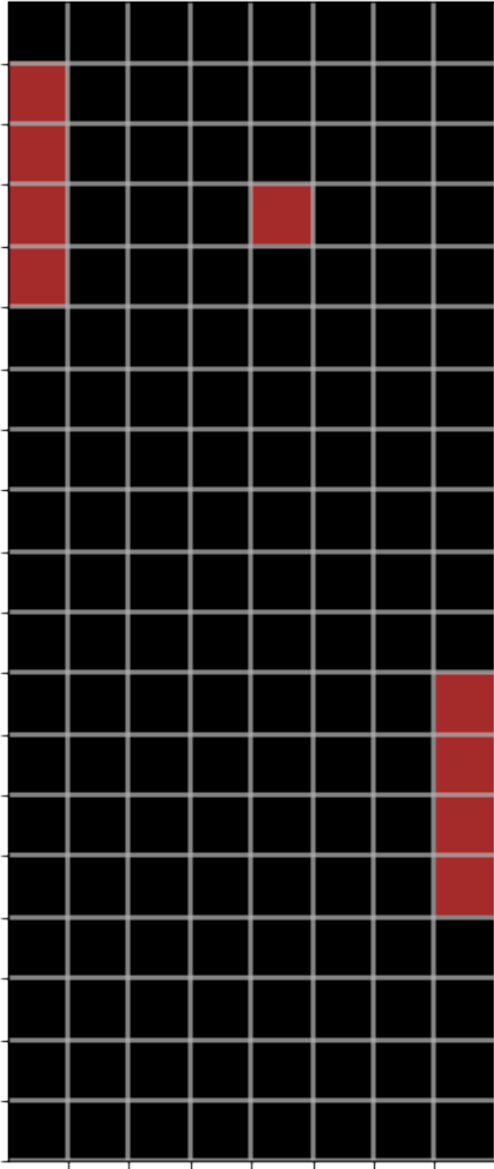
623ea044.json Tr Output



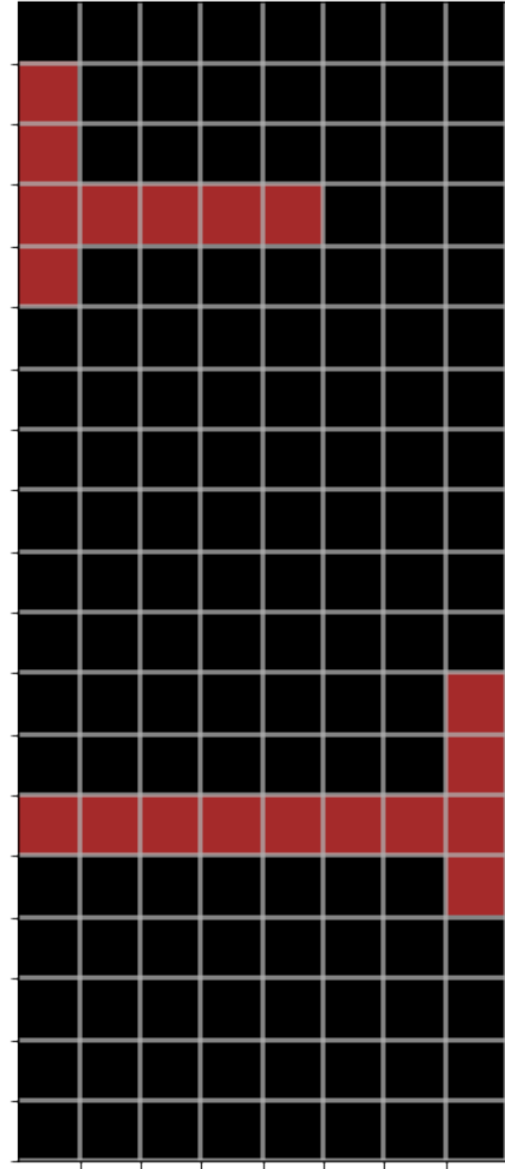


i = 38

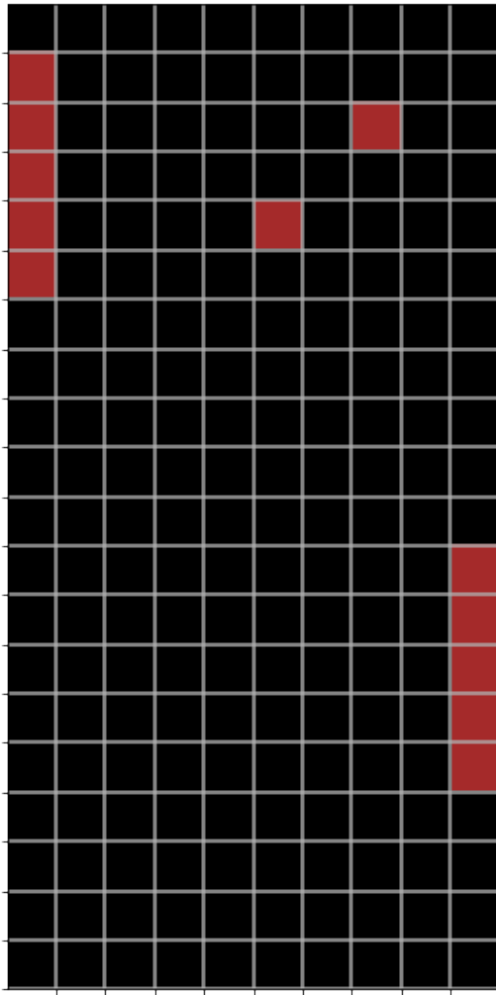
673ef223.json Tr Input



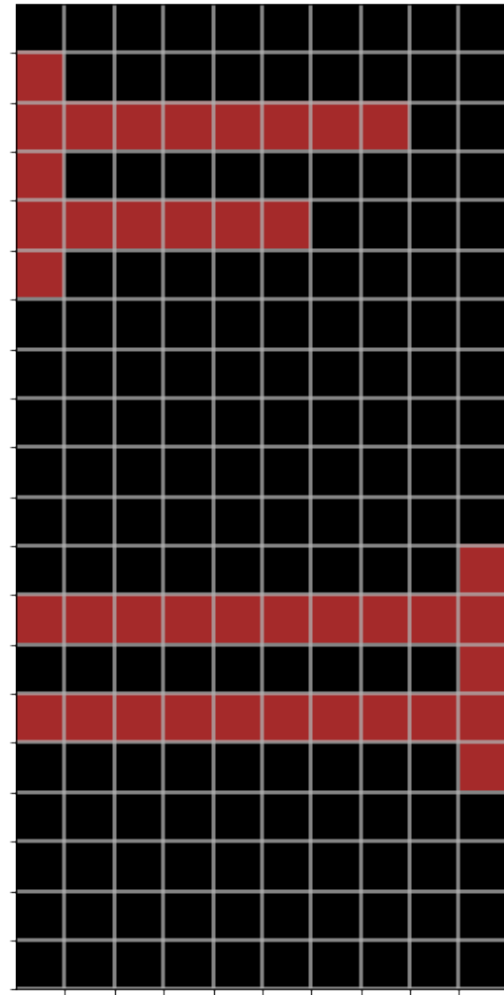
673ef223.json Tr Output



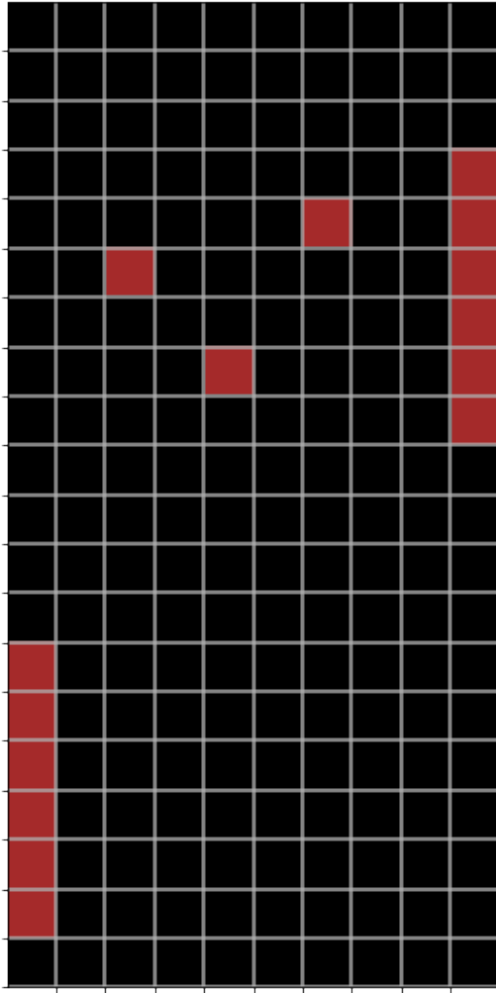
673ef223.json Tr Input



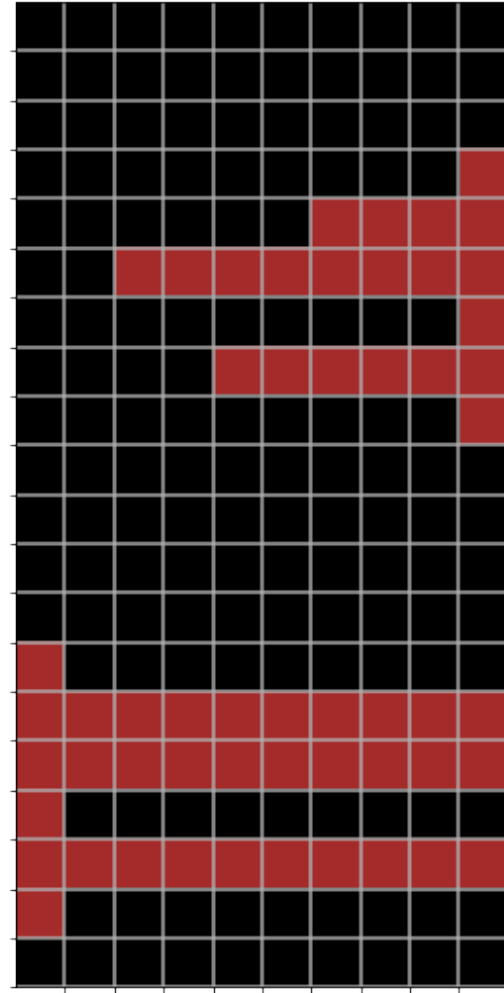
673ef223.json Tr Output



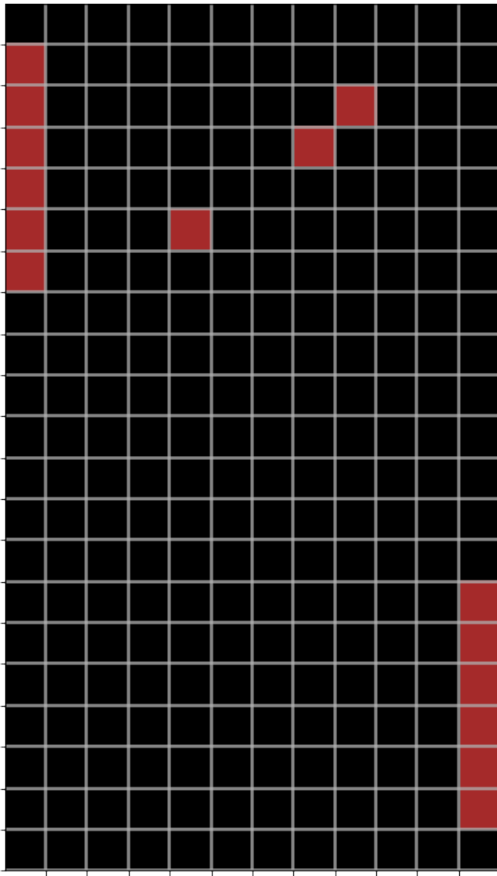
673ef223.json Tr Input



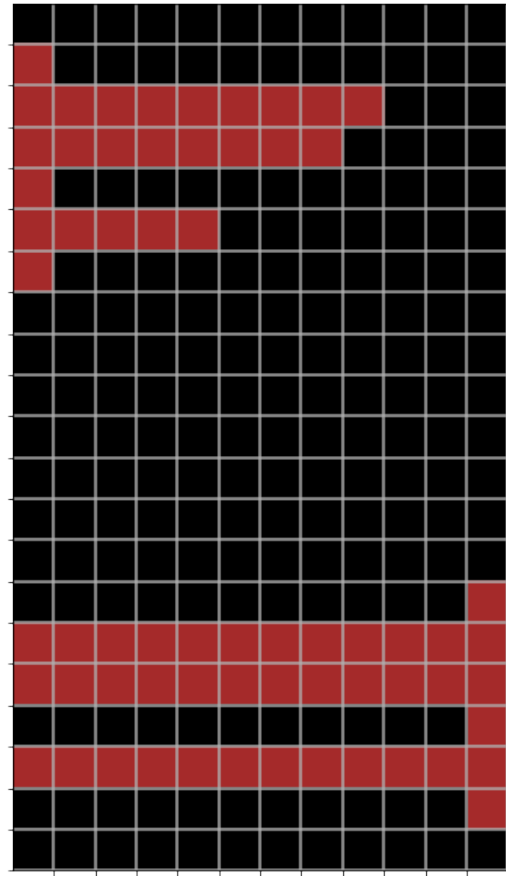
673ef223.json Tr Output



673ef223.json Te Input



673ef223.json Te Output

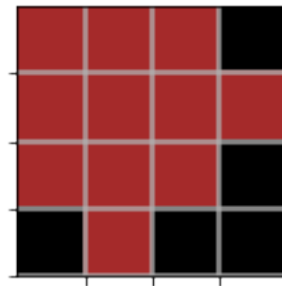


i = 39

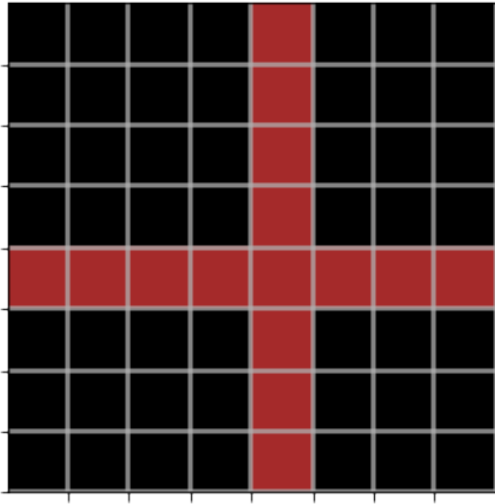
67a423a3.json Tr Input



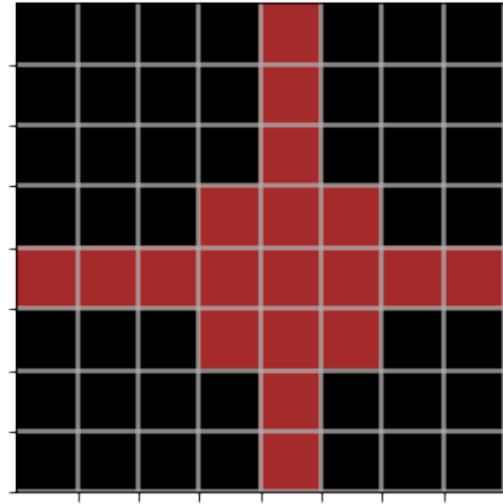
67a423a3.json Tr Output



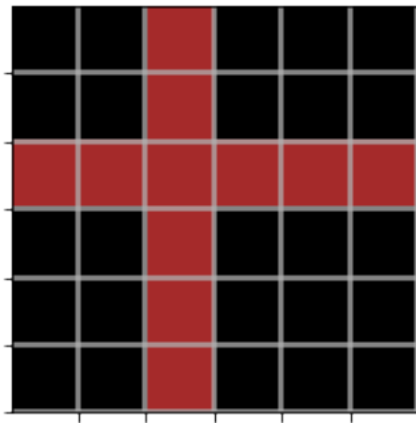
67a423a3.json Tr Input



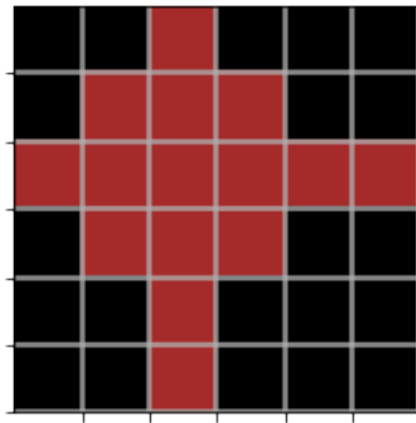
67a423a3.json Tr Output



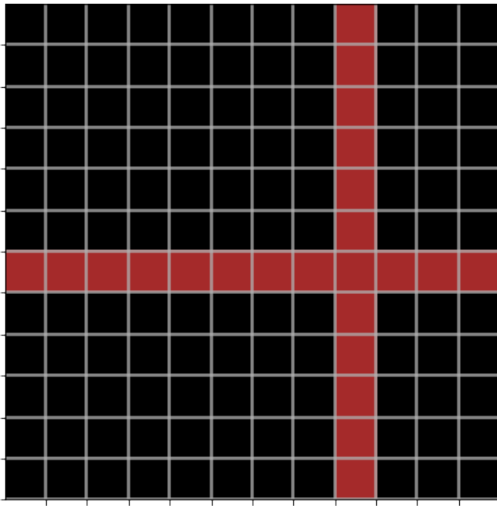
67a423a3.json Tr Input



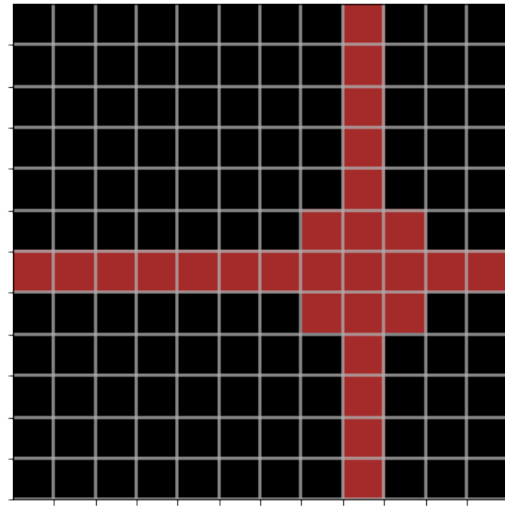
67a423a3.json Tr Output



67a423a3.json Te Input

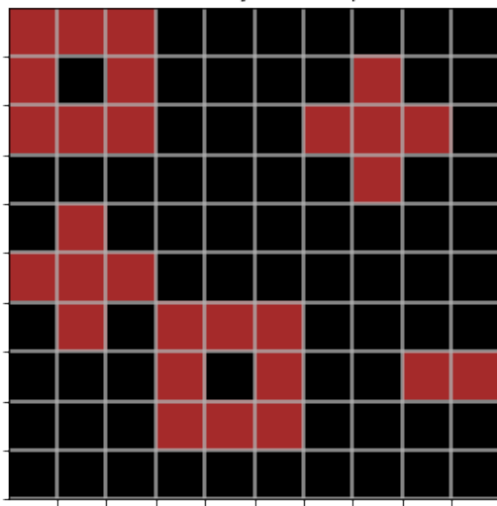


67a423a3.json Te Output

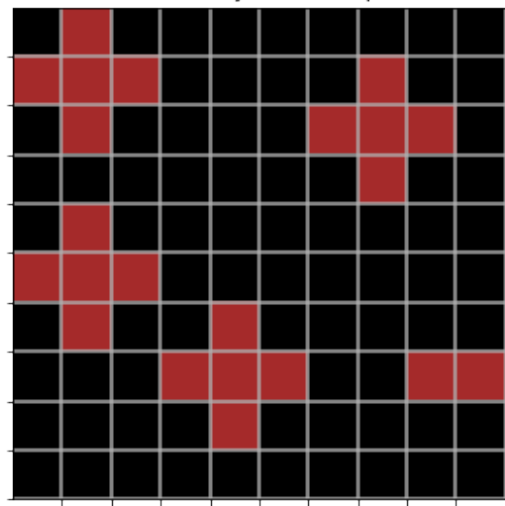


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i = 40
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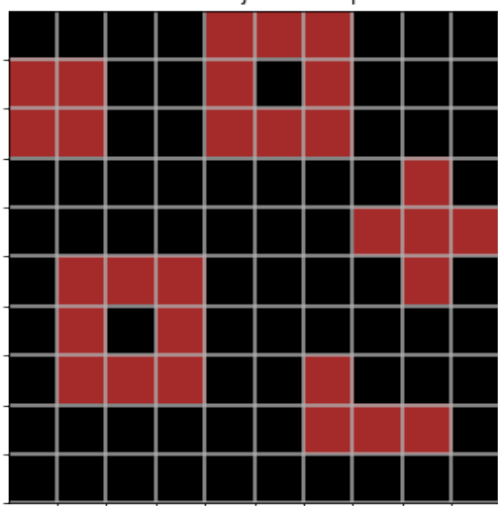
6c434453.json Tr Input



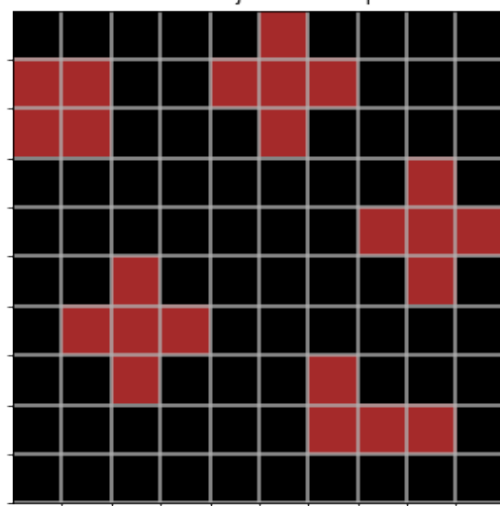
6c434453.json Tr Output



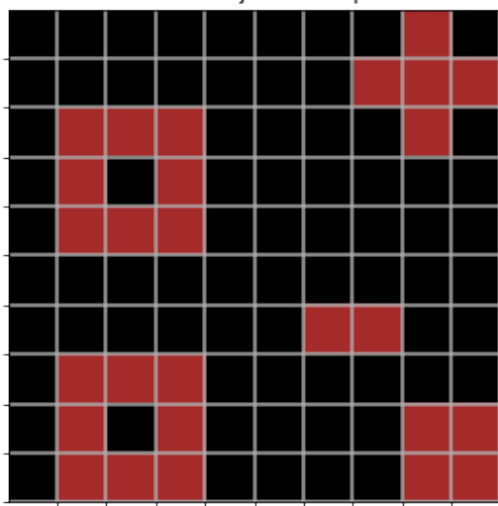
6c434453.json Tr Input



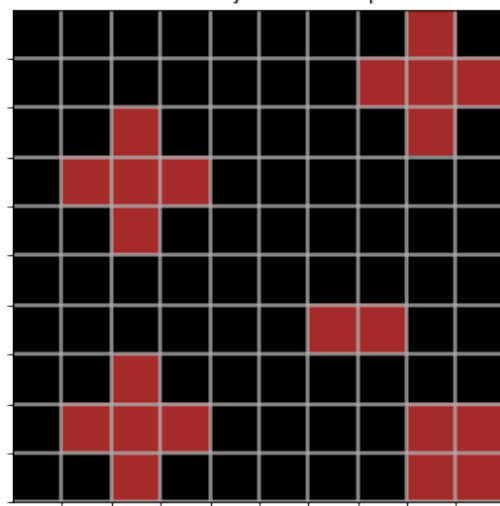
6c434453.json Tr Output



6c434453.json Te Input

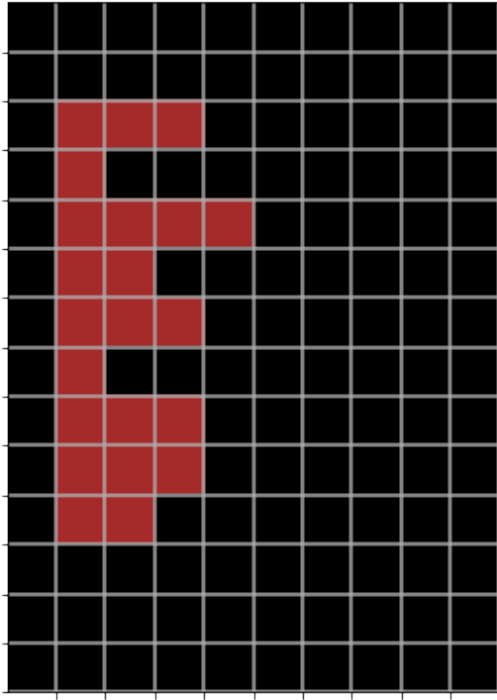


6c434453.json Te Output

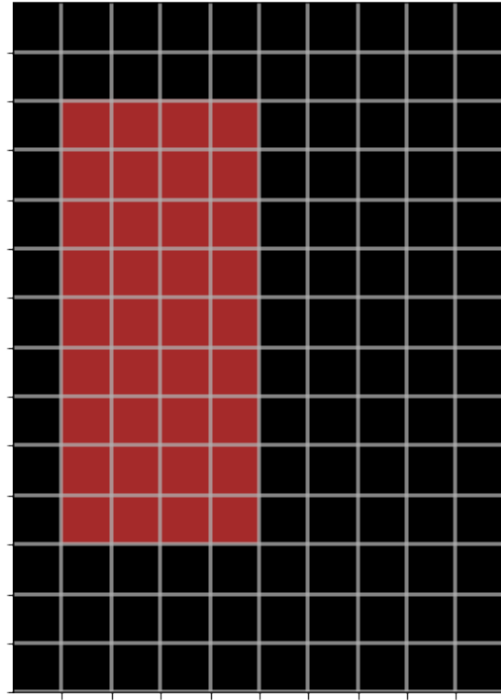


i = 41

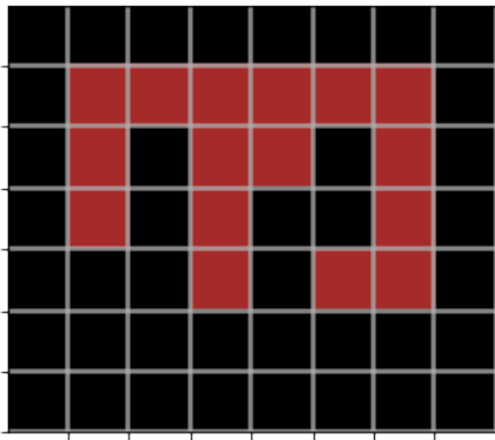
6d75e8bb.json Tr Input



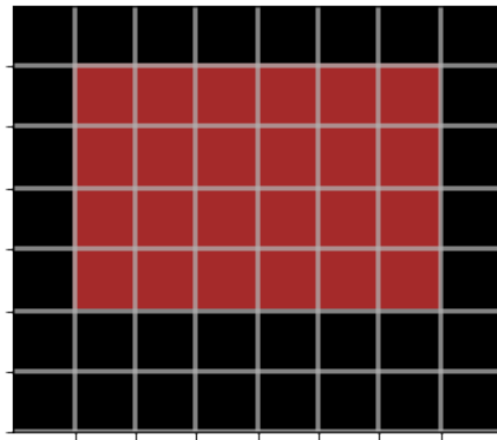
6d75e8bb.json Tr Output



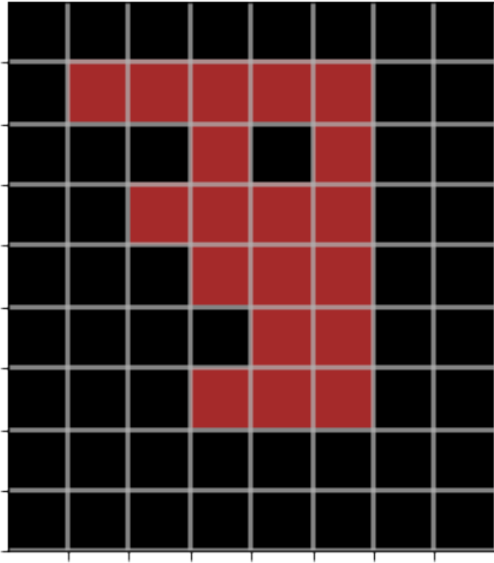
6d75e8bb.json Tr Input



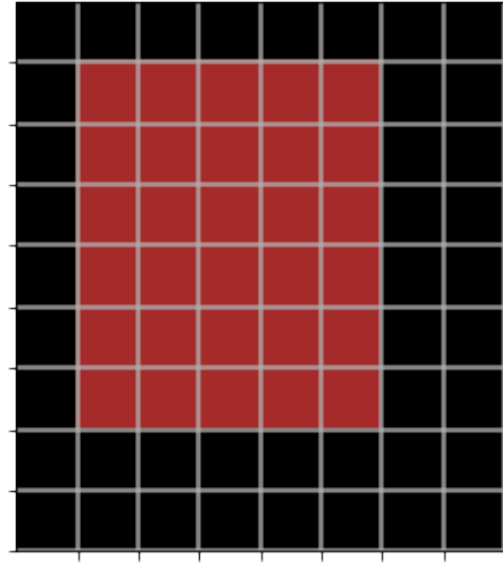
6d75e8bb.json Tr Output



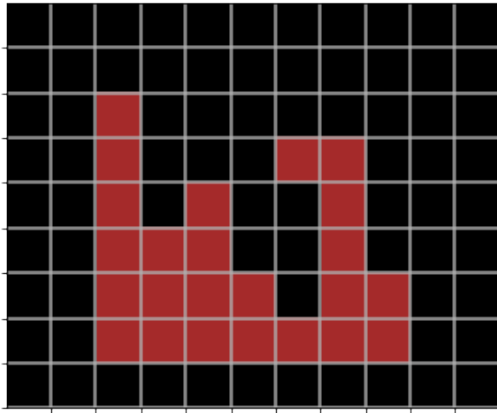
6d75e8bb.json Tr Input



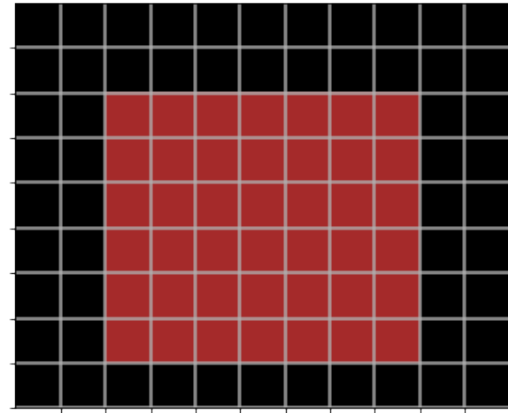
6d75e8bb.json Tr Output



6d75e8bb.json Te Input

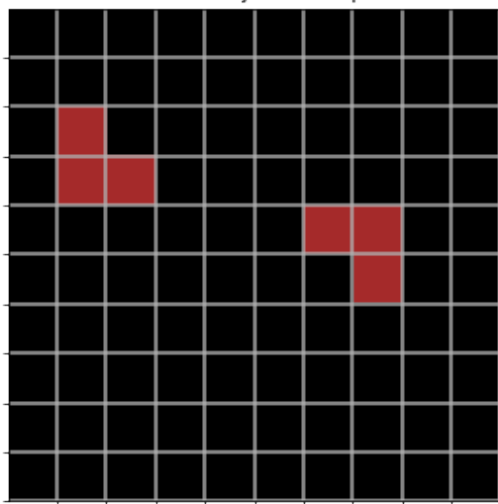


6d75e8bb.json Te Output

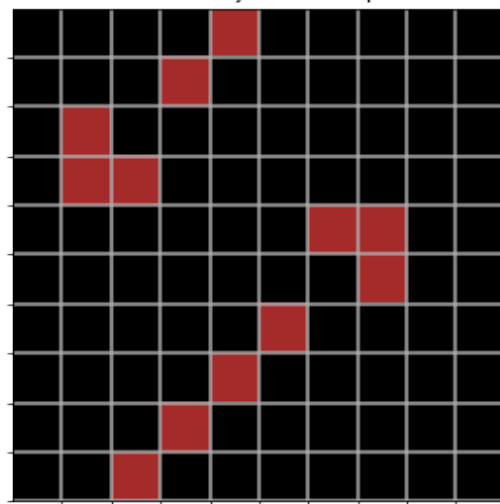


i = 42

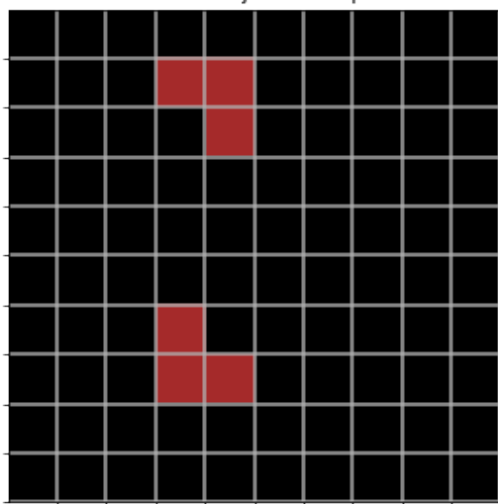
6e19193c.json Tr Input



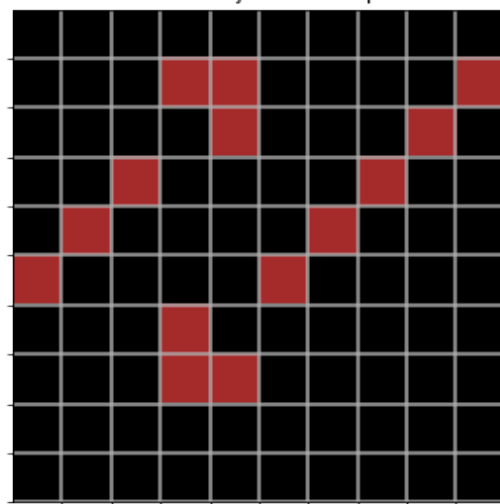
6e19193c.json Tr Output

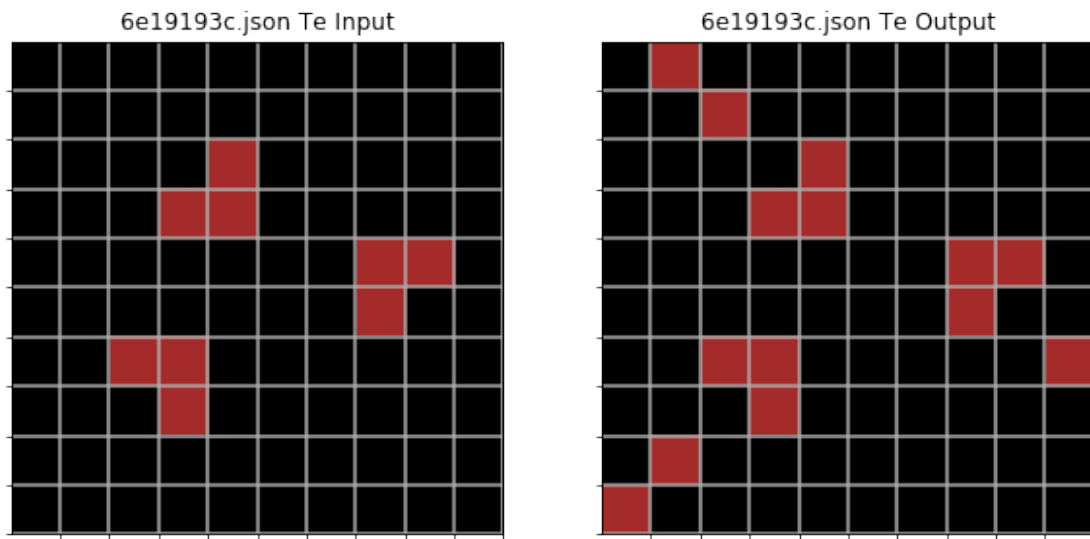


6e19193c.json Tr Input



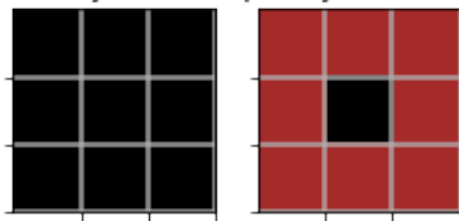
6e19193c.json Tr Output



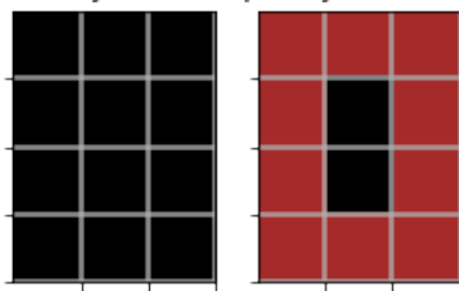


i = 43

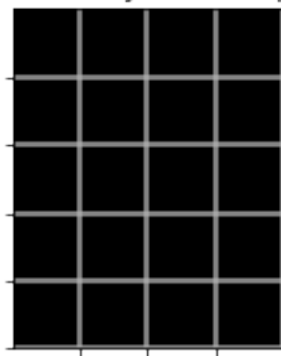
6f8cd79b.json Tr Input 6f8cd79b.json Tr Output



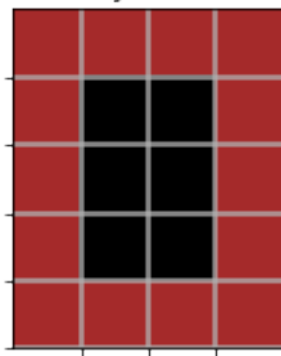
6f8cd79b.json Tr Input 6f8cd79b.json Tr Output



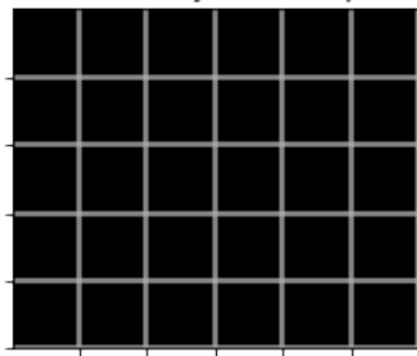
6f8cd79b.json Tr Input



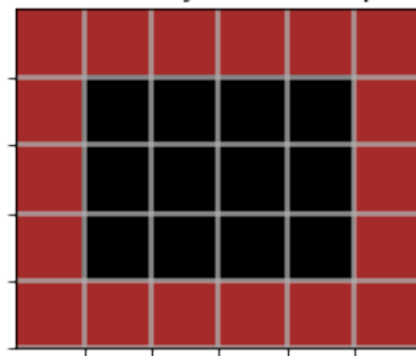
6f8cd79b.json Tr Output



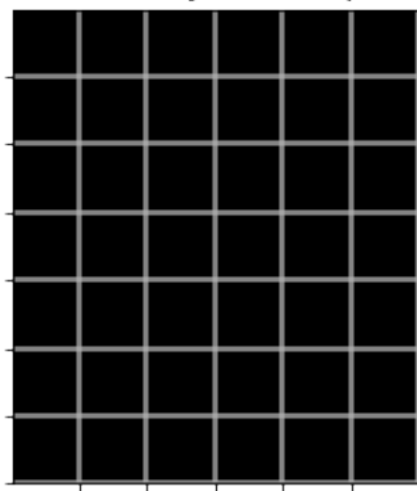
6f8cd79b.json Tr Input



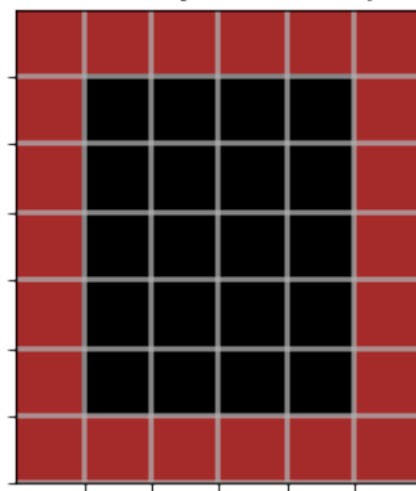
6f8cd79b.json Tr Output



6f8cd79b.json Te Input

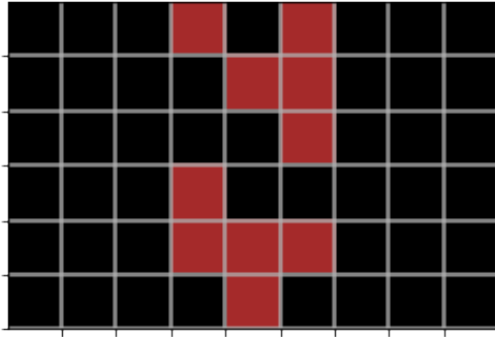


6f8cd79b.json Te Output

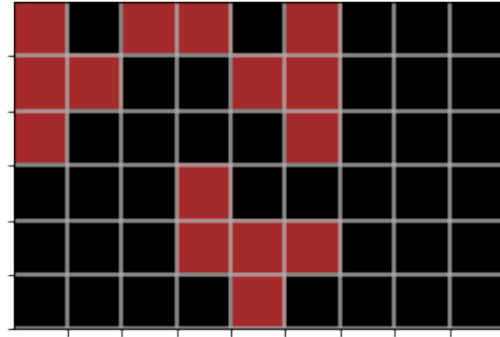


i = 44

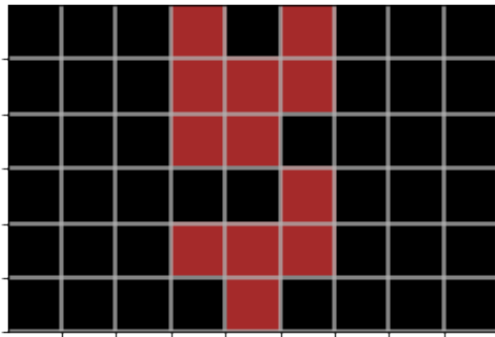
760b3cac.json Tr Input



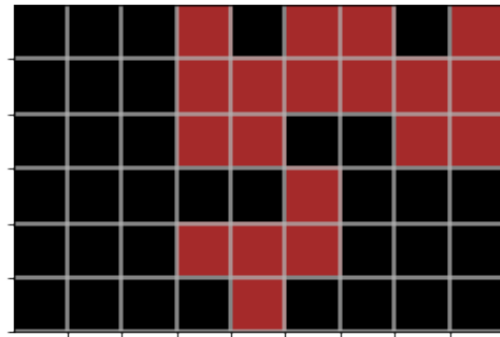
760b3cac.json Tr Output



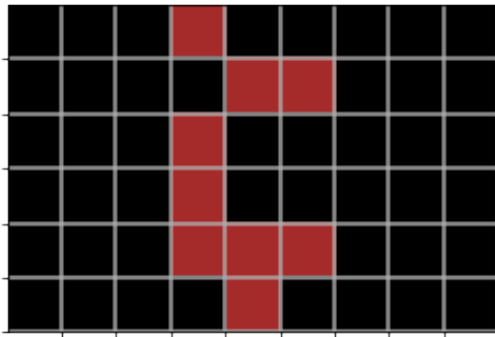
760b3cac.json Tr Input



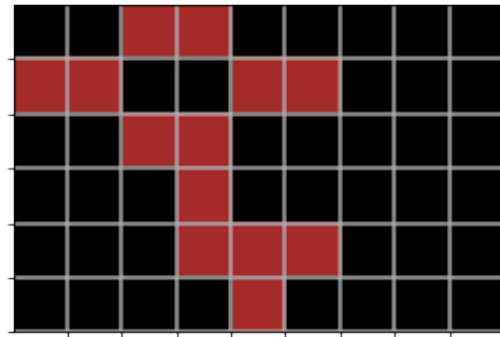
760b3cac.json Tr Output



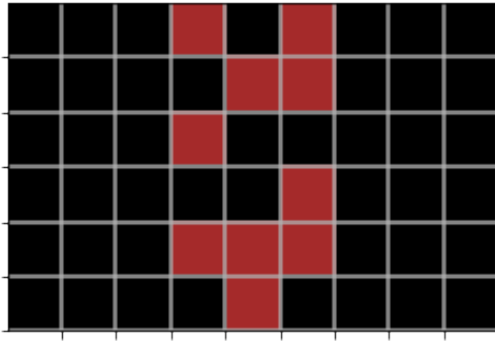
760b3cac.json Tr Input



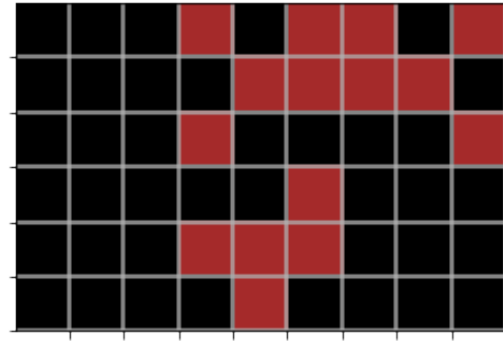
760b3cac.json Tr Output



760b3cac.json Te Input

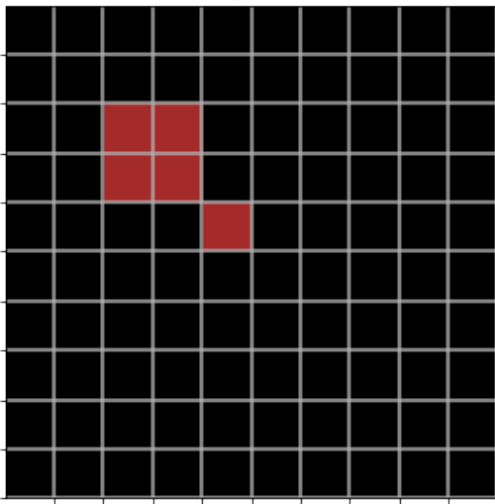


760b3cac.json Te Output

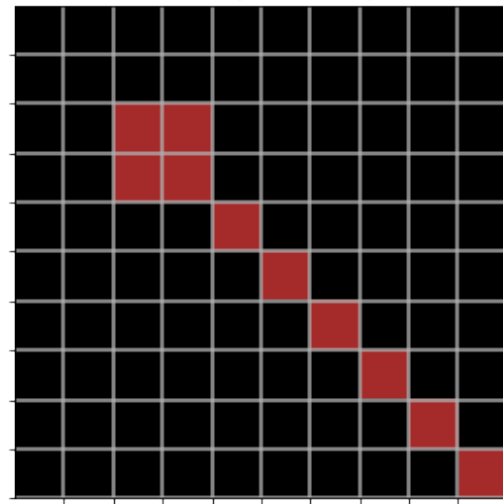


i = 45

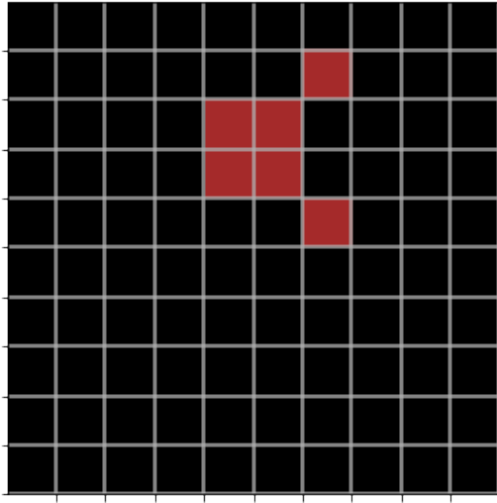
7ddcd7ec.json Tr Input



7ddcd7ec.json Tr Output



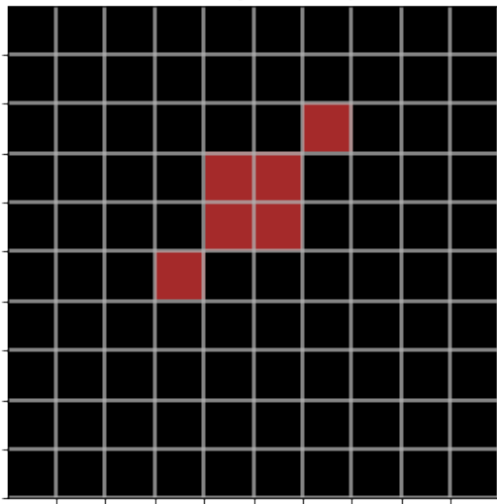
7ddcd7ec.json Tr Input



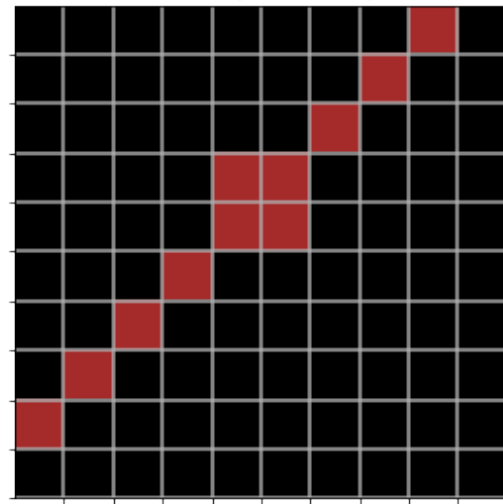
7ddcd7ec.json Tr Output



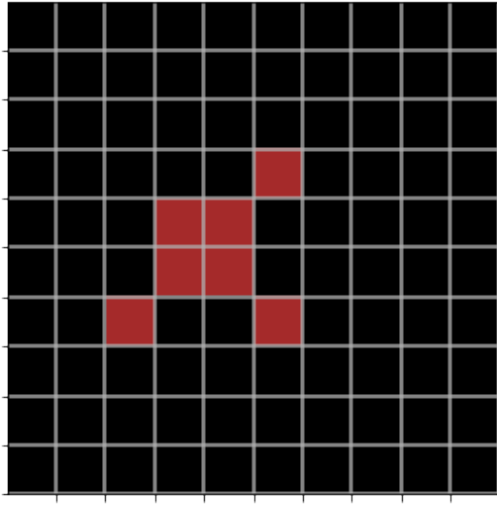
7ddcd7ec.json Tr Input



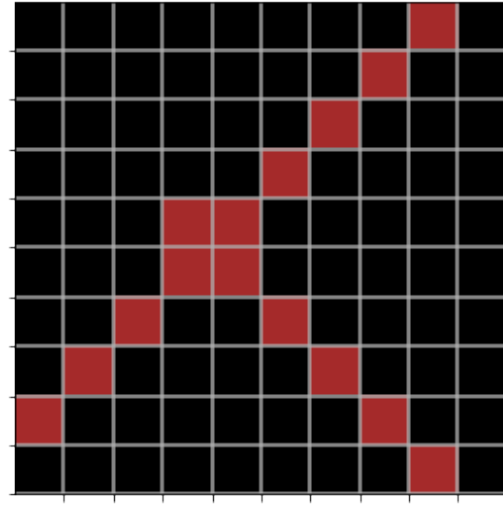
7ddcd7ec.json Tr Output



7ddcd7ec.json Te Input

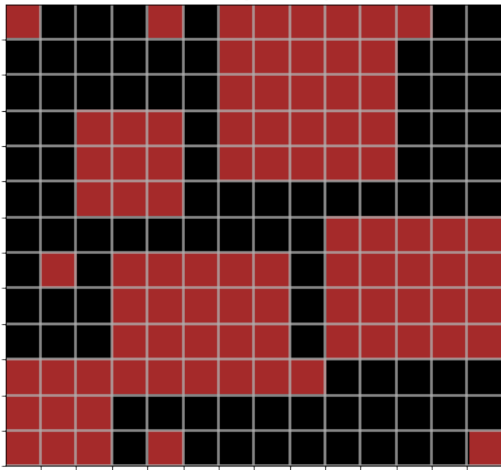


7ddcd7ec.json Te Output

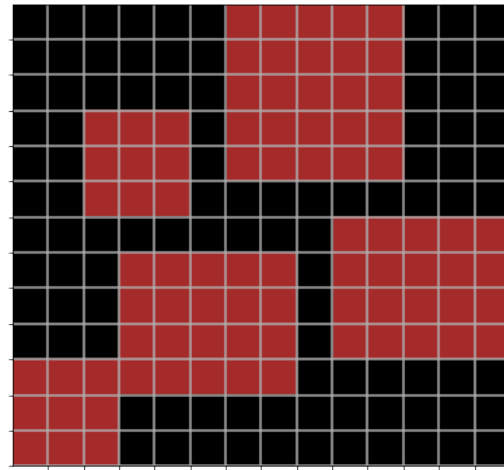


i = 46

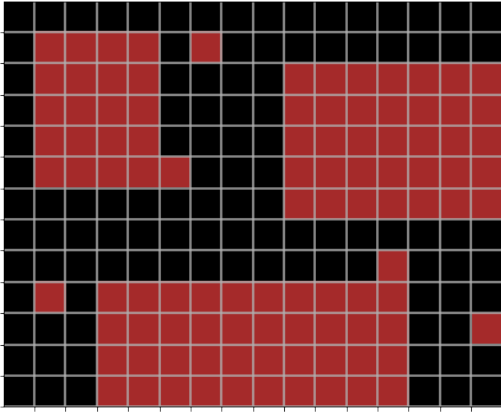
7e0986d6.json Tr Input



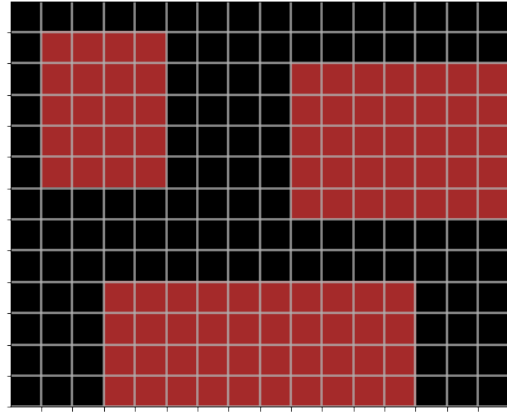
7e0986d6.json Tr Output



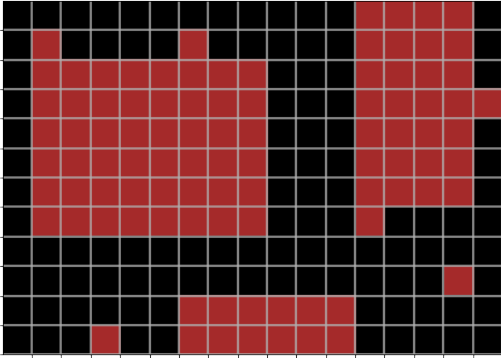
7e0986d6.json Tr Input



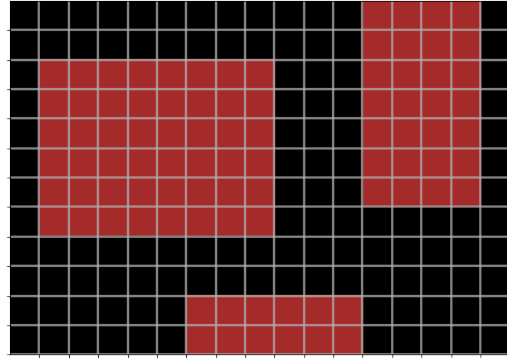
7e0986d6.json Tr Output



7e0986d6.json Te Input

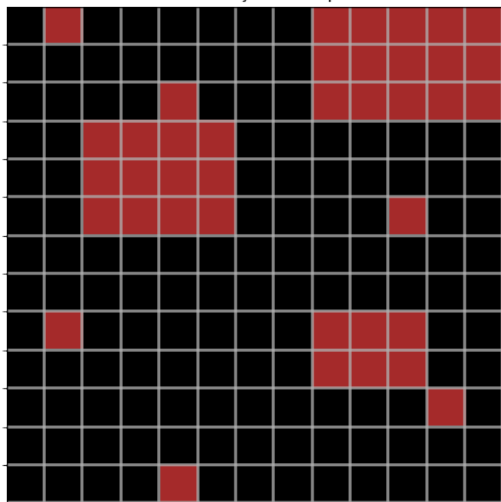


7e0986d6.json Te Output

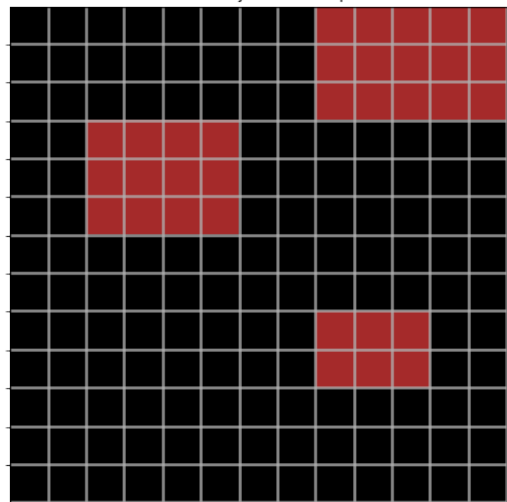


i = 47

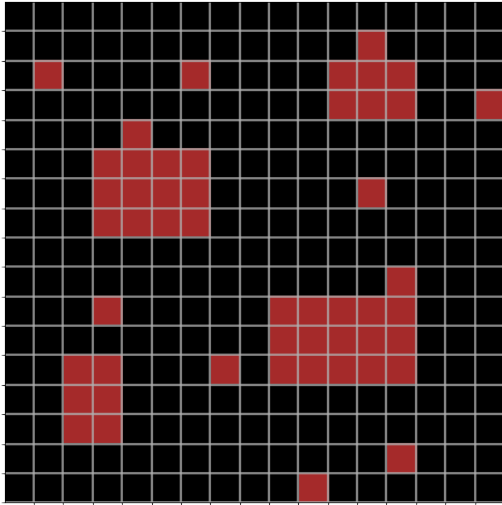
7f4411dc.json Tr Input



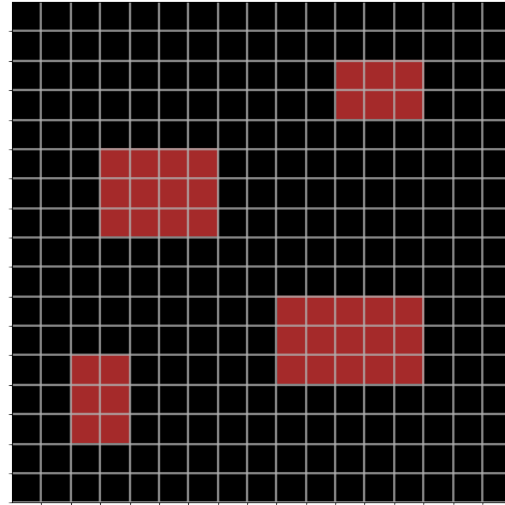
7f4411dc.json Tr Output



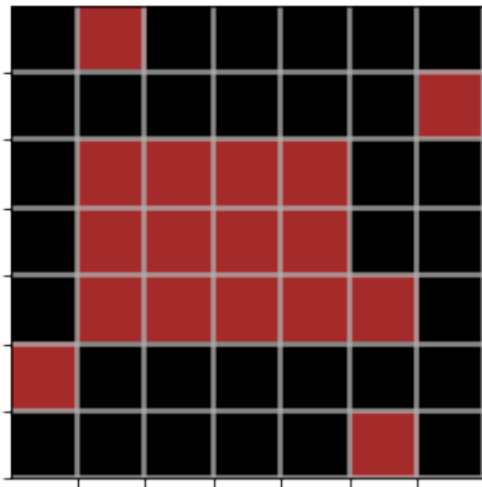
7f4411dc.json Tr Input



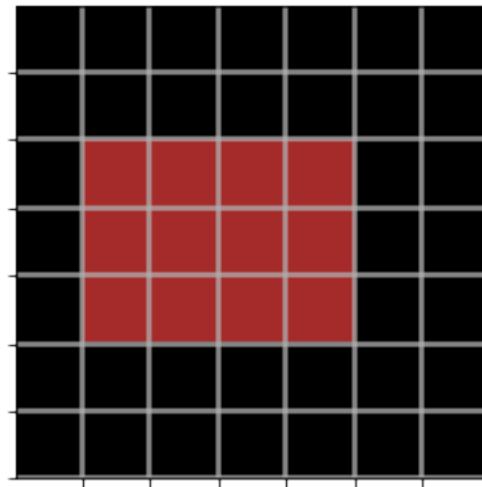
7f4411dc.json Tr Output



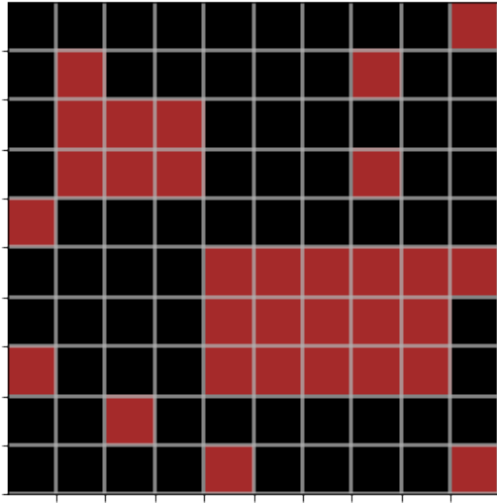
7f4411dc.json Tr Input



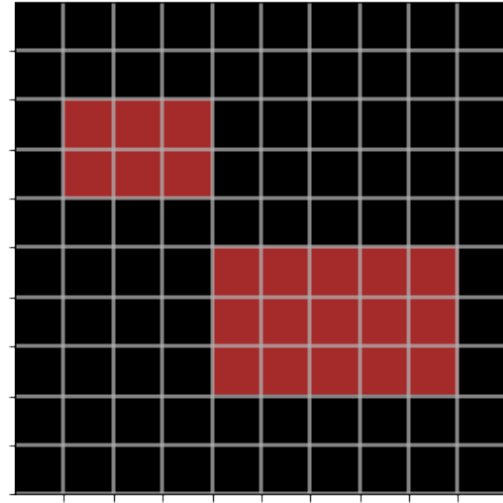
7f4411dc.json Tr Output



7f4411dc.json Te Input

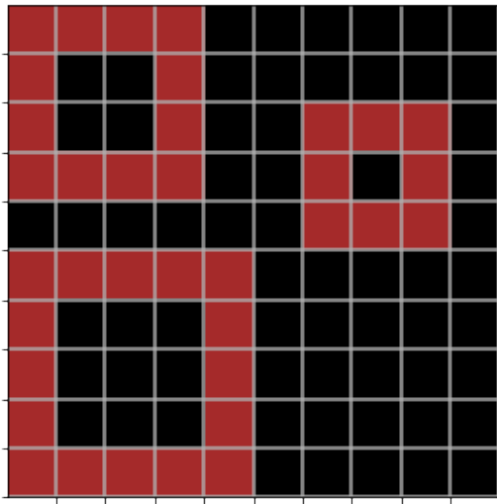


7f4411dc.json Te Output

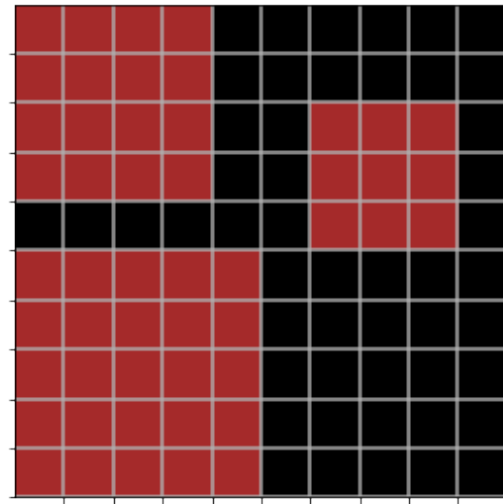


i = 48

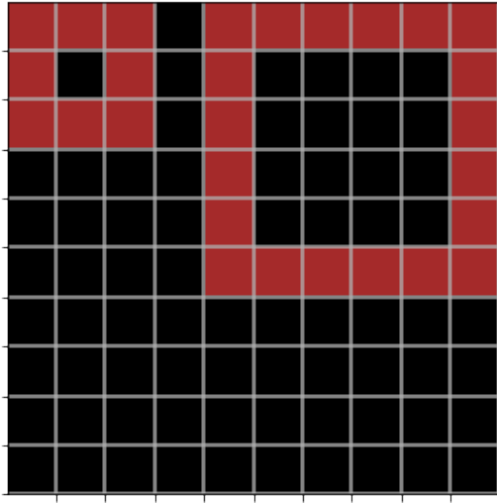
868de0fa.json Tr Input



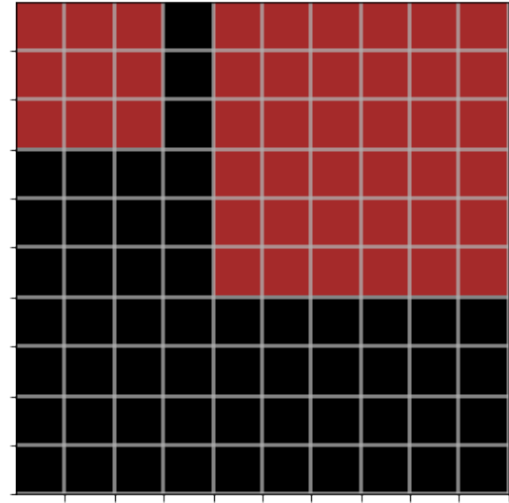
868de0fa.json Tr Output



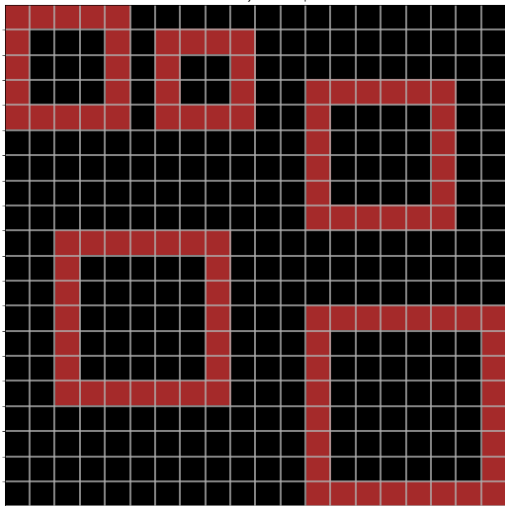
868de0fa.json Tr Input



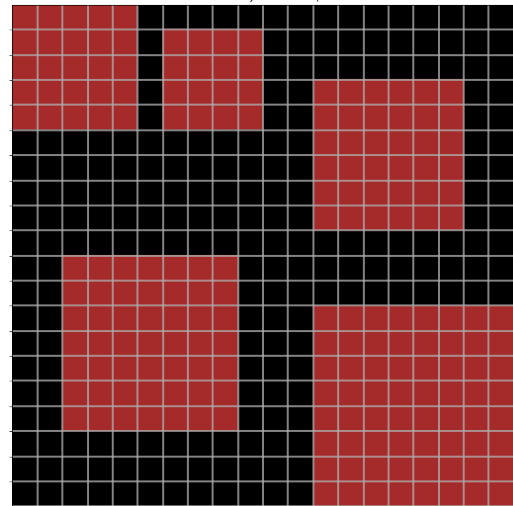
868de0fa.json Tr Output



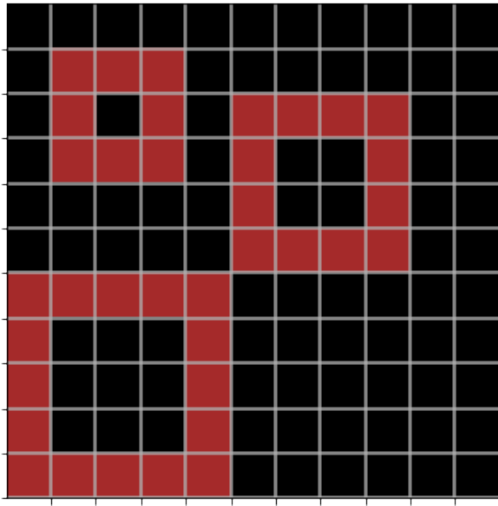
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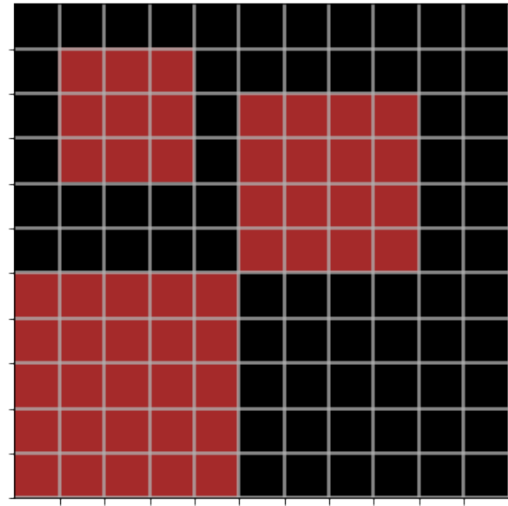
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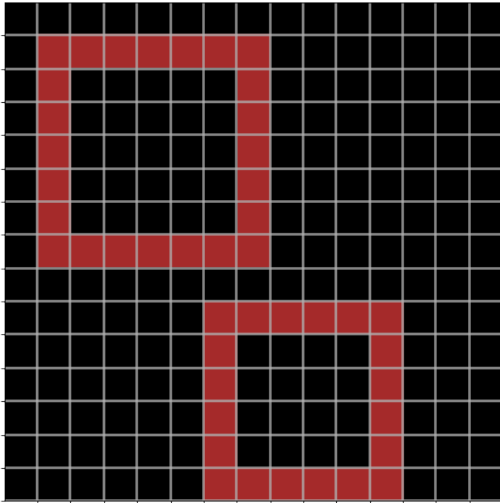
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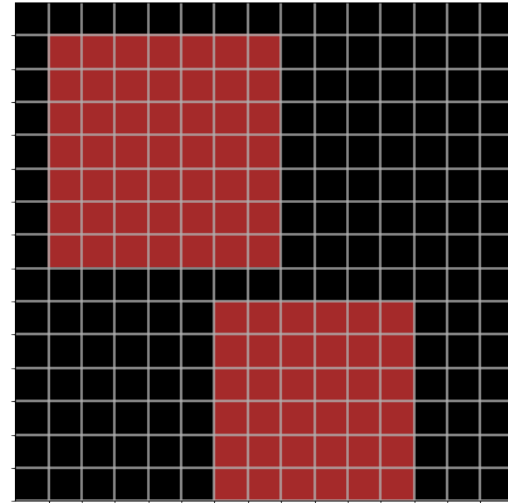
868de0fa.json Tr Output



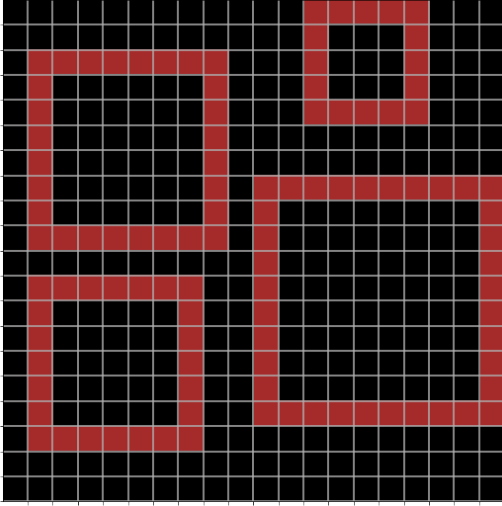
868de0fa.json Tr Input



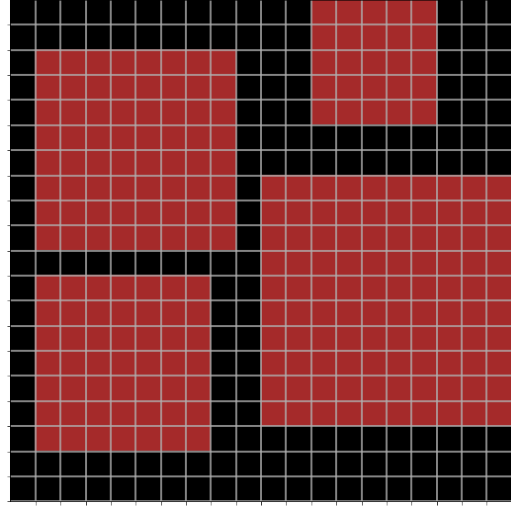
868de0fa.json Tr Output



868de0fa.json Te Input

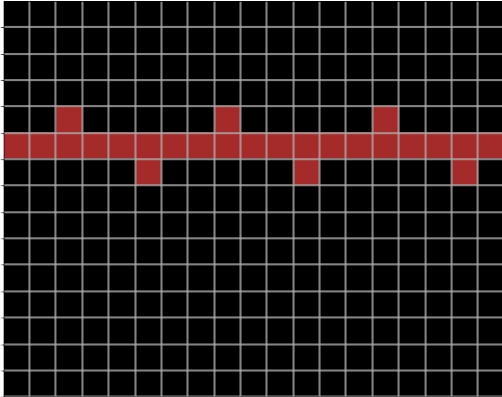


868de0fa.json Te Output

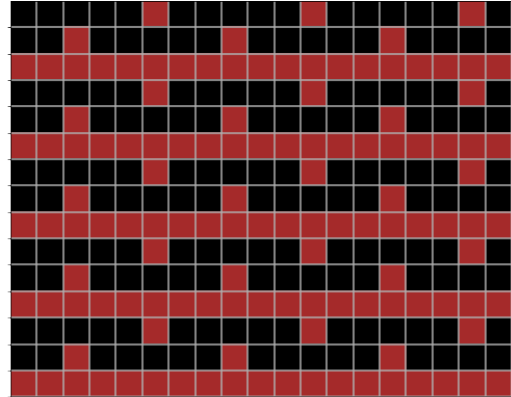


i = 49

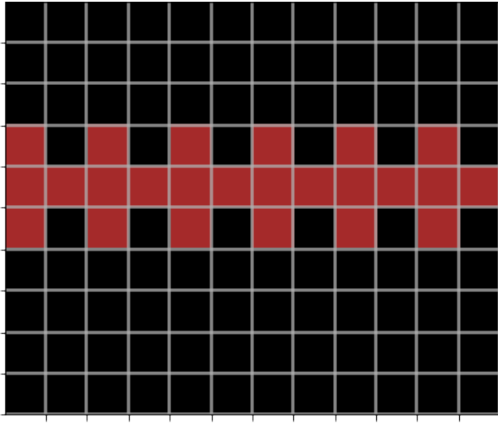
8eb1be9a.json Tr Input



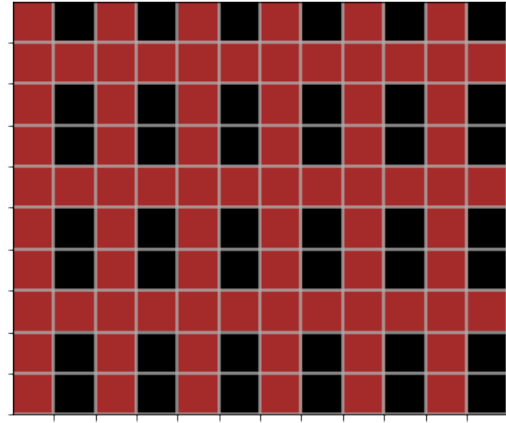
8eb1be9a.json Tr Output



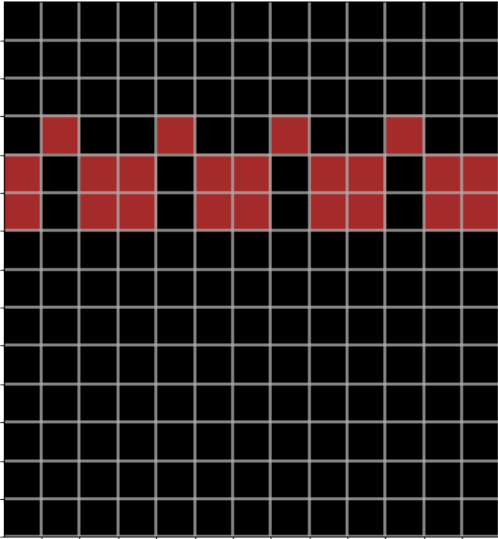
8eb1be9a.json Tr Input



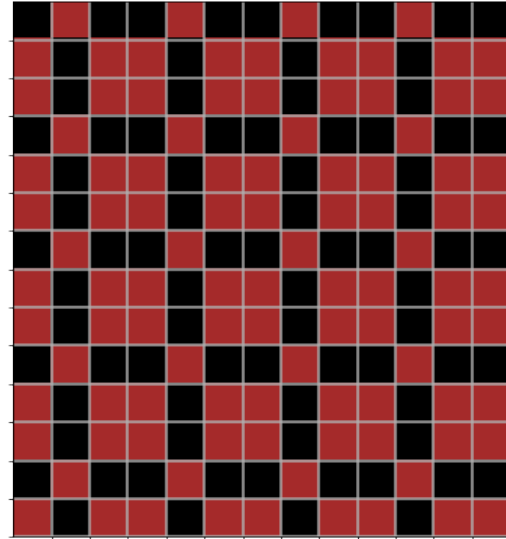
8eb1be9a.json Tr Output



8eb1be9a.json Te Input

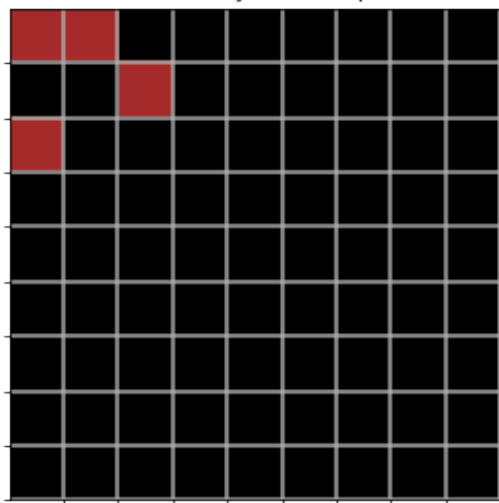


8eb1be9a.json Te Output

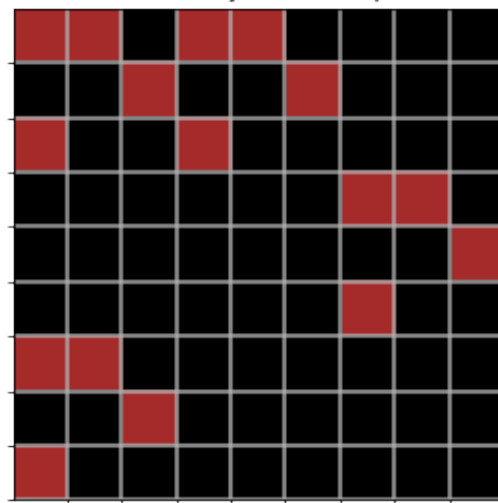


i = 50

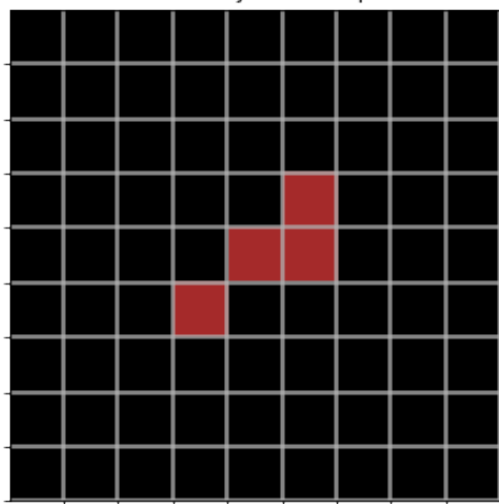
8f2ea7aa.json Tr Input



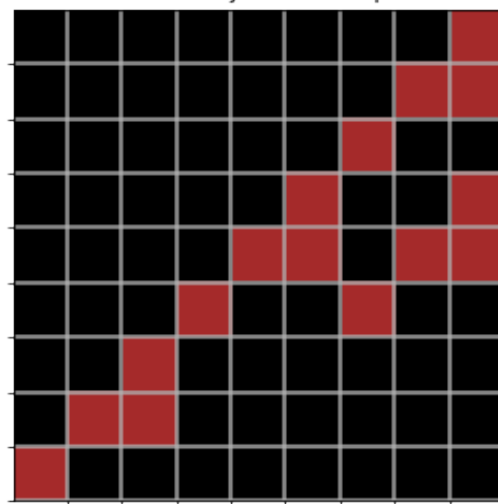
8f2ea7aa.json Tr Output



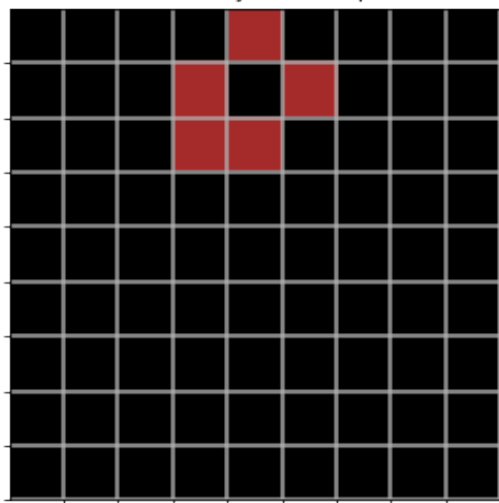
8f2ea7aa.json Tr Input



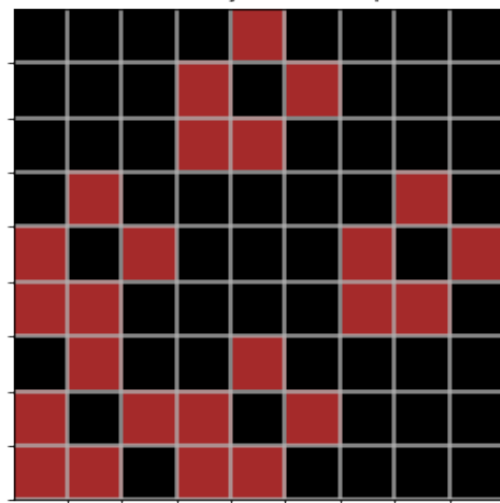
8f2ea7aa.json Tr Output



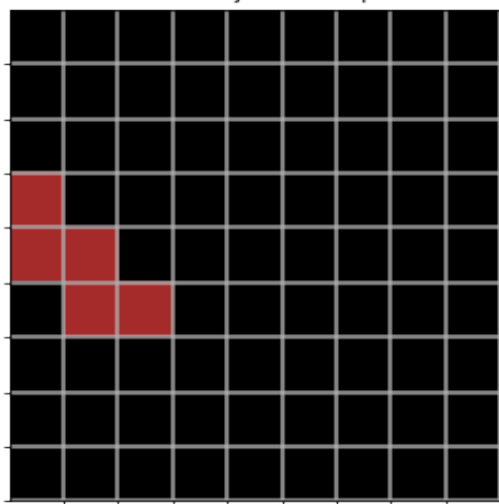
8f2ea7aa.json Tr Input



8f2ea7aa.json Tr Output



8f2ea7aa.json Te Input

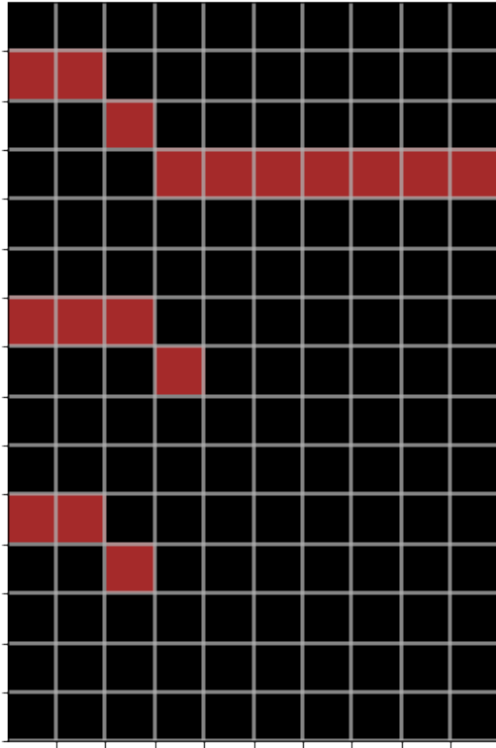


8f2ea7aa.json Te Output

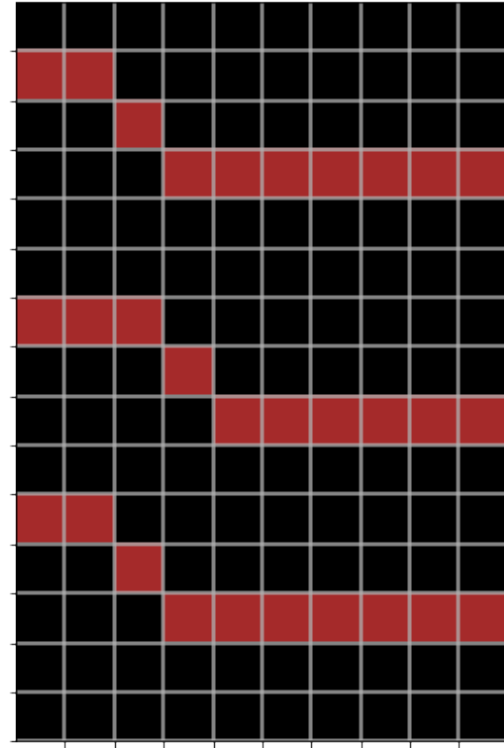


i = 51

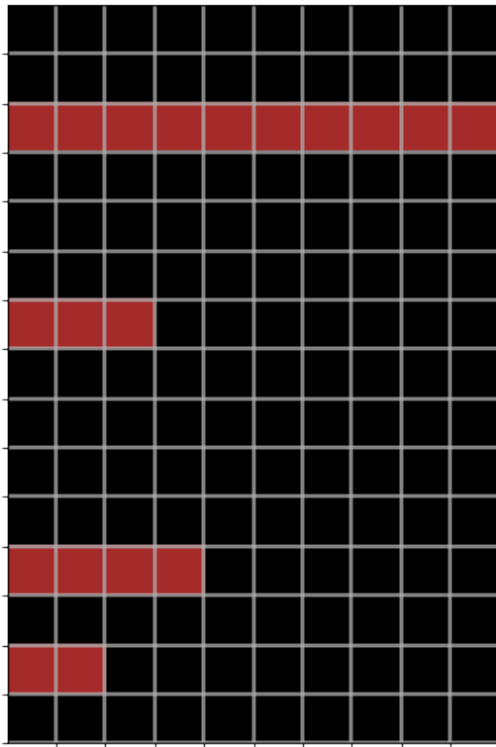
90f3ed37.json Tr Input



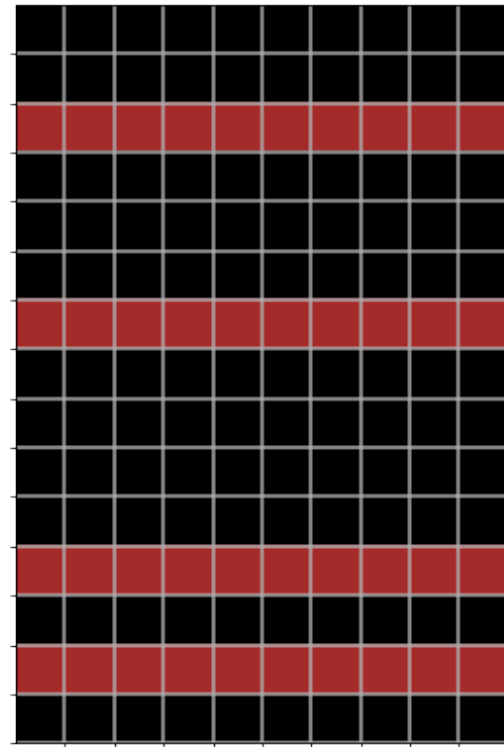
90f3ed37.json Tr Output



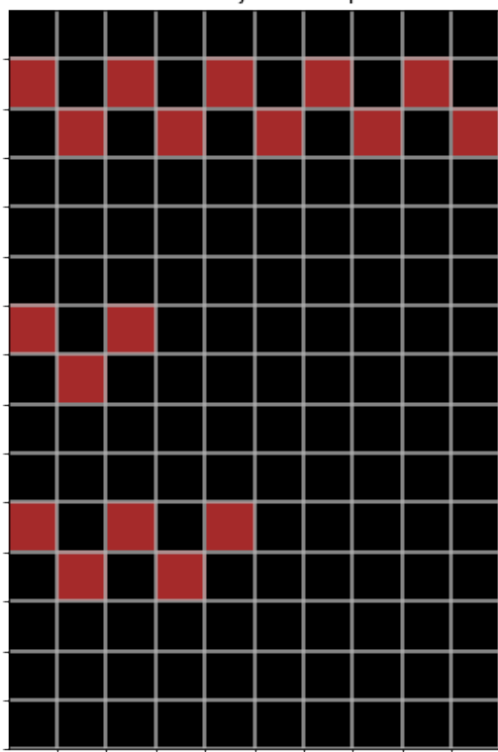
90f3ed37.json Tr Input



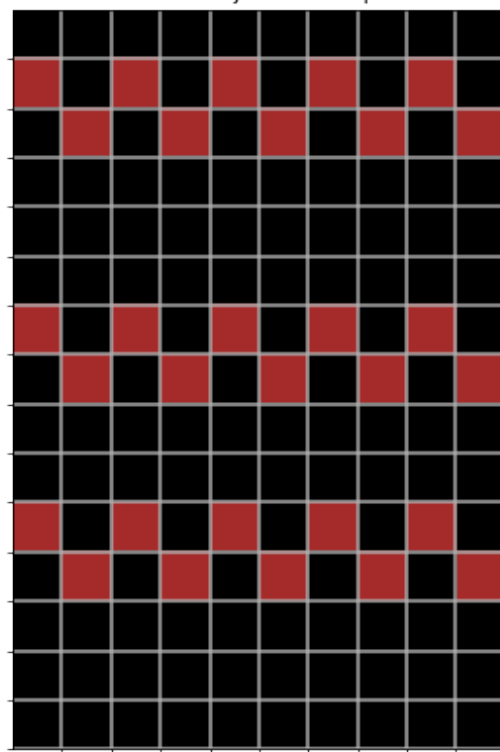
90f3ed37.json Tr Output



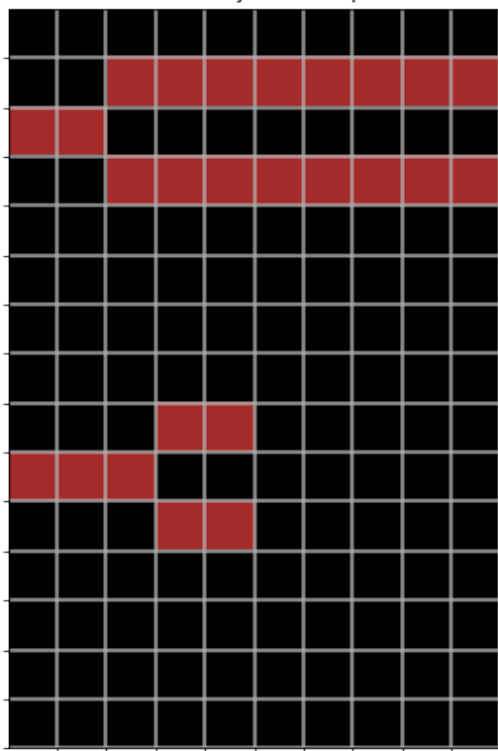
90f3ed37.json Tr Input



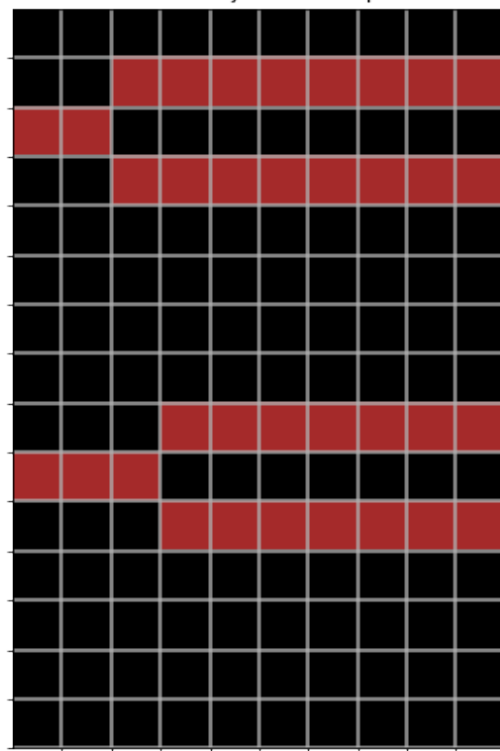
90f3ed37.json Tr Output



90f3ed37.json Te Input

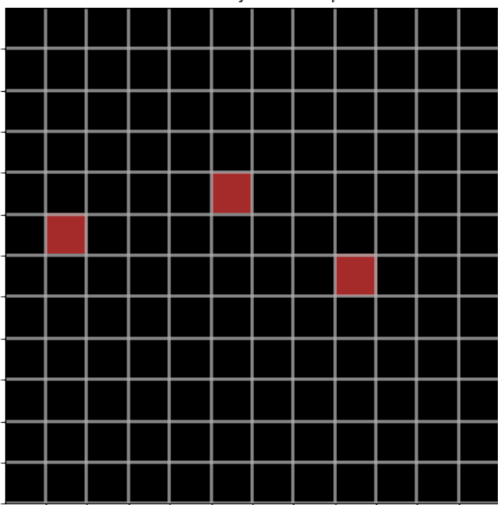


90f3ed37.json Te Output

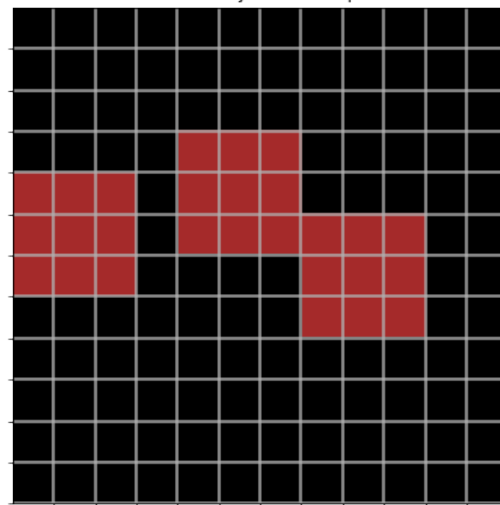


i = 52

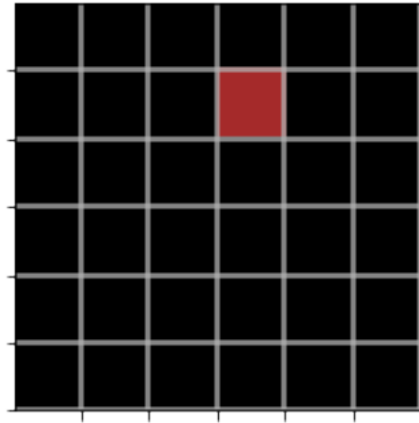
913fb3ed.json Tr Input



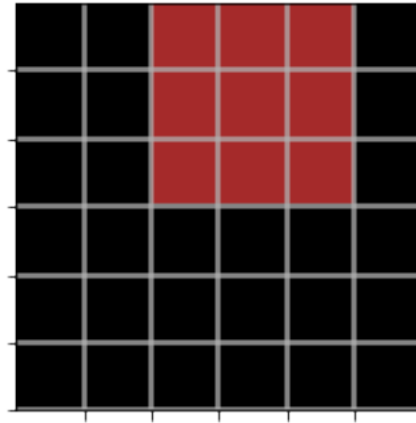
913fb3ed.json Tr Output



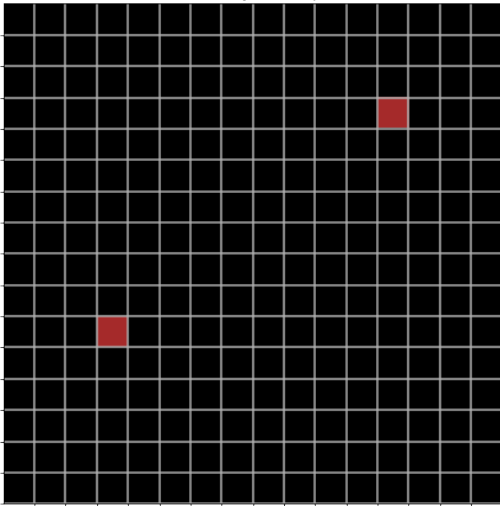
913fb3ed.json Tr Input



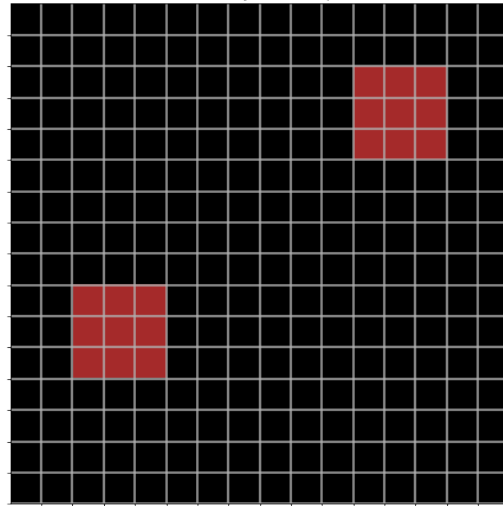
913fb3ed.json Tr Output



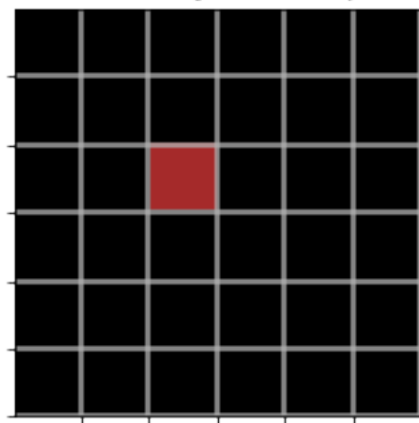
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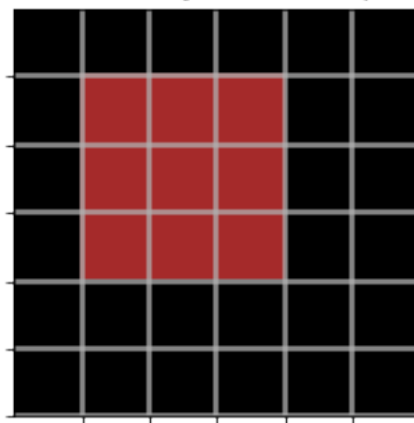
913fb3ed.json Tr Output



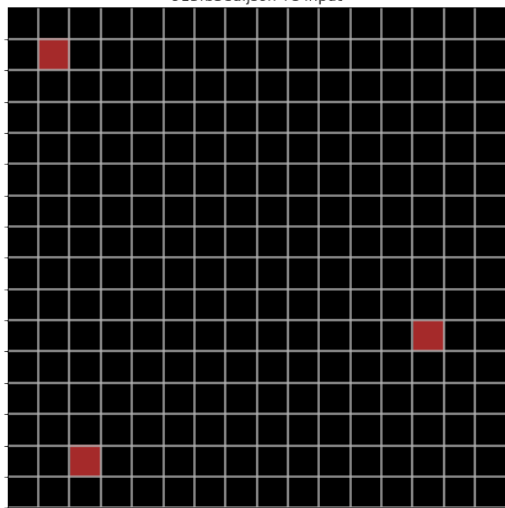
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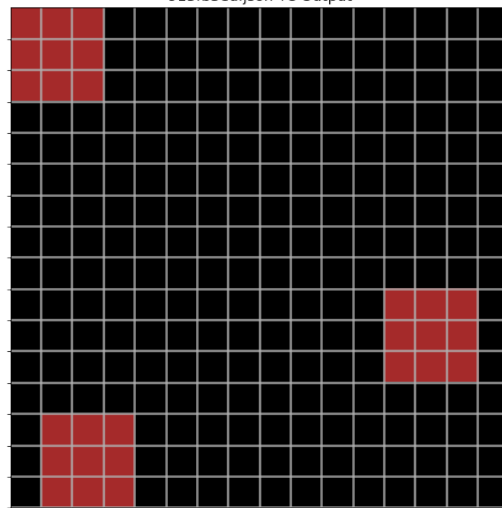
913fb3ed.json Tr Output



913fb3ed.json Te Input

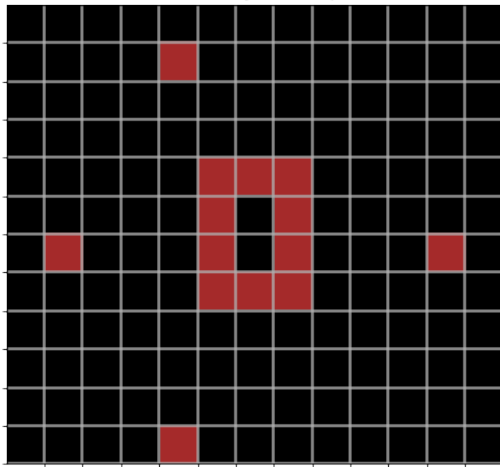


913fb3ed.json Te Output

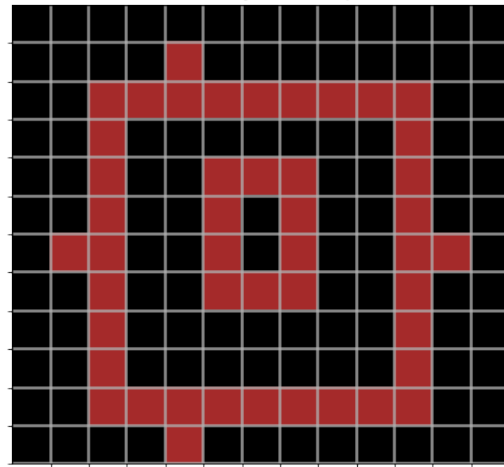


i = 53

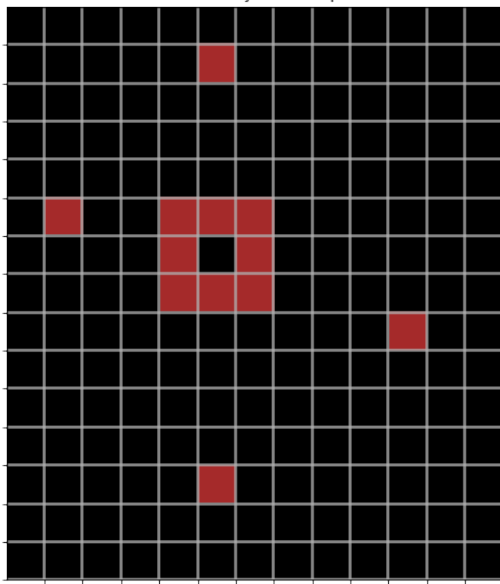
928ad970.json Tr Input



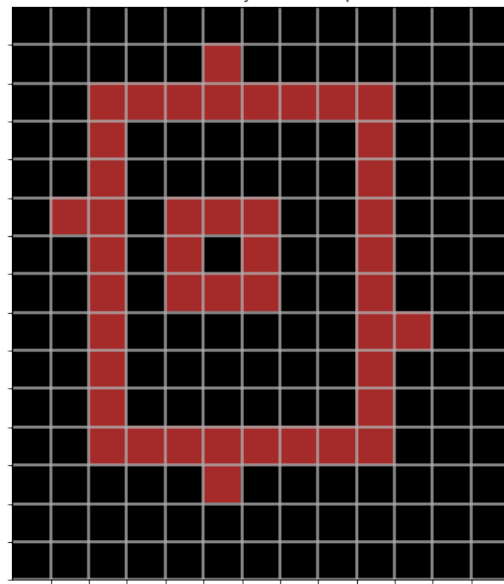
928ad970.json Tr Output



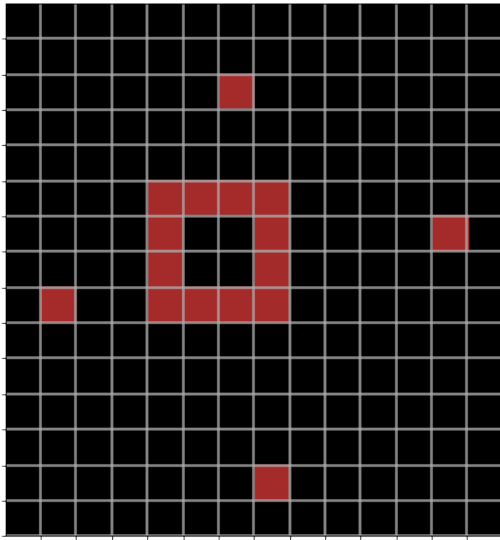
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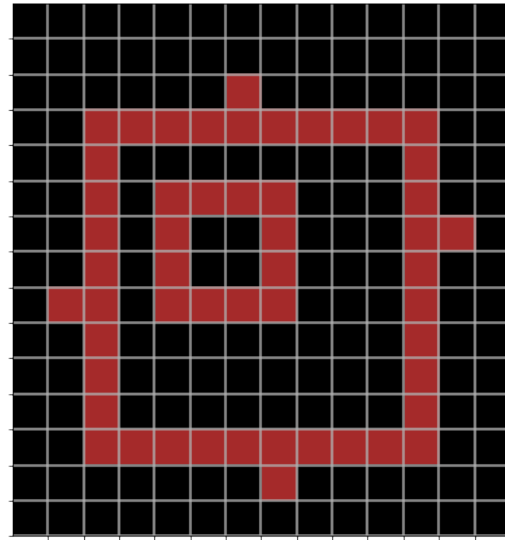
928ad970.json Tr Output



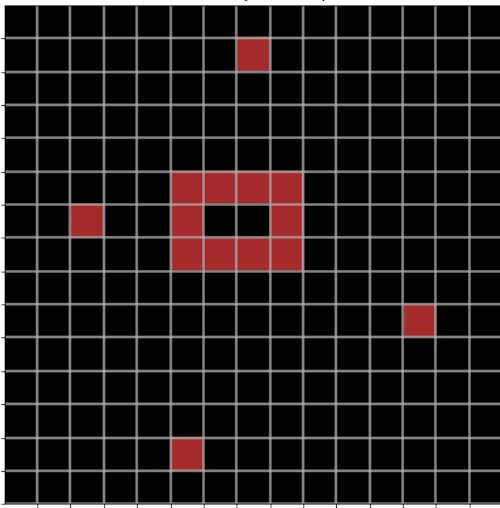
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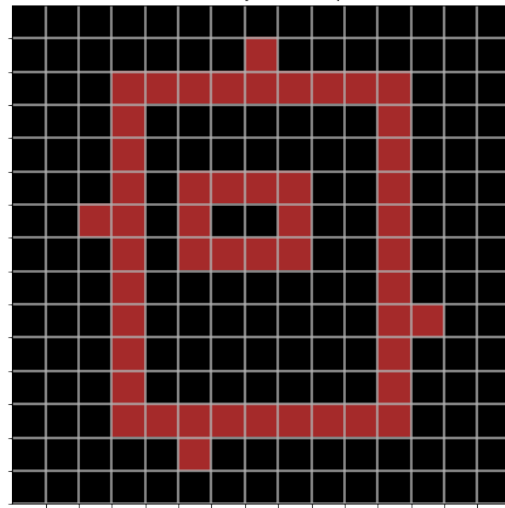
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928ad970.json Te Input

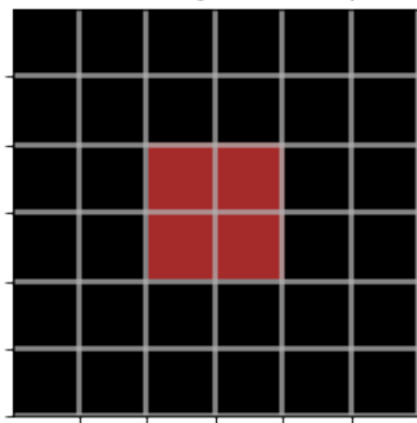


928ad970.json Te Output

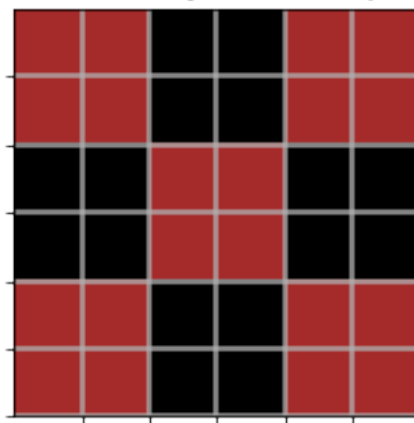


i = 54

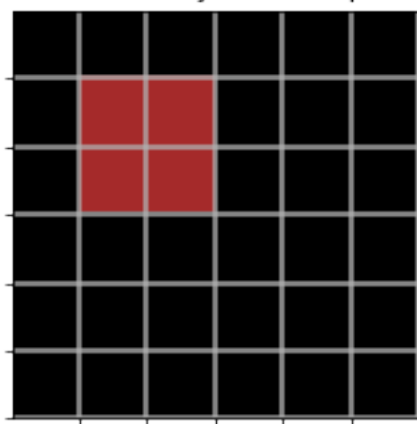
93b581b8.json Tr Input



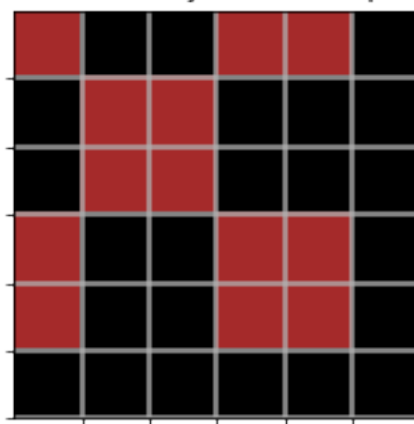
93b581b8.json Tr Output



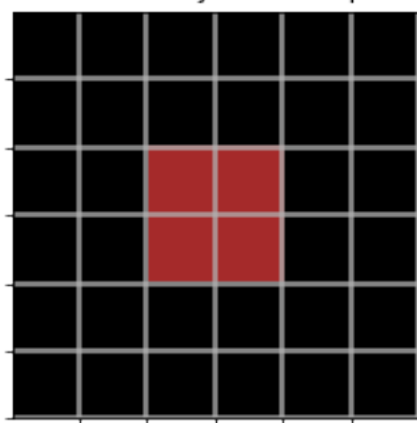
93b581b8.json Tr Input



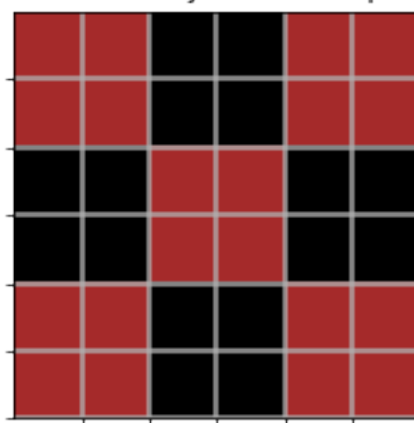
93b581b8.json Tr Output



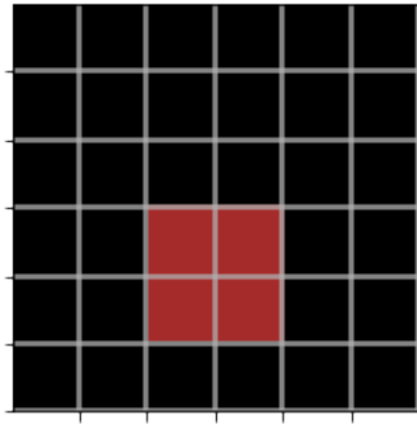
93b581b8.json Tr Input



93b581b8.json Tr Output



93b581b8.json Te Input

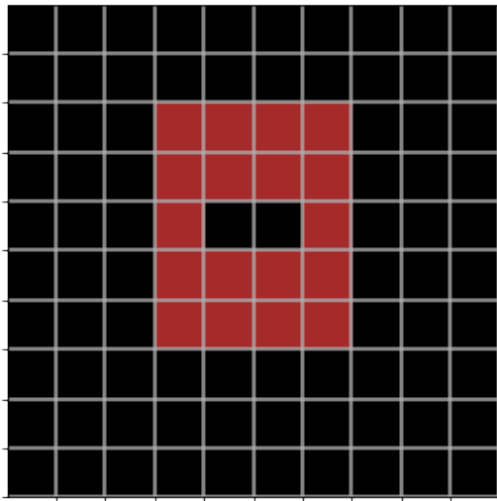


93b581b8.json Te Output

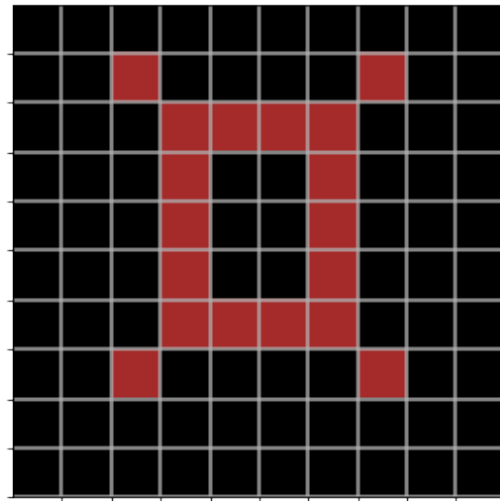


i = 55

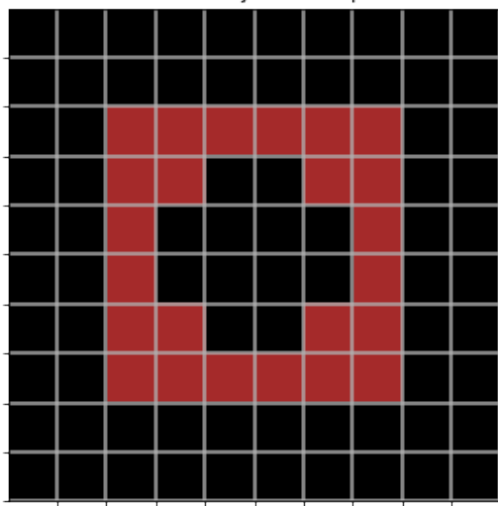
952a094c.json Tr Input



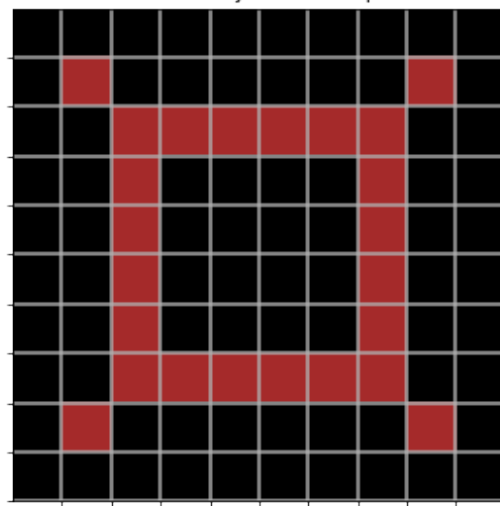
952a094c.json Tr Output



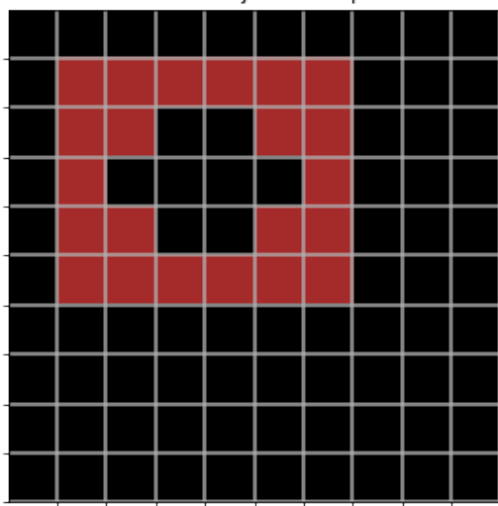
952a094c.json Tr Input



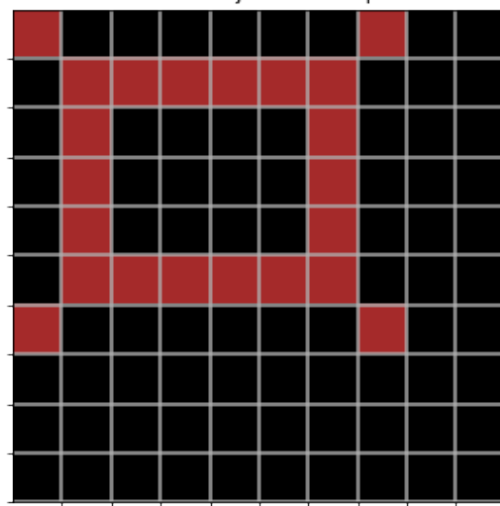
952a094c.json Tr Output



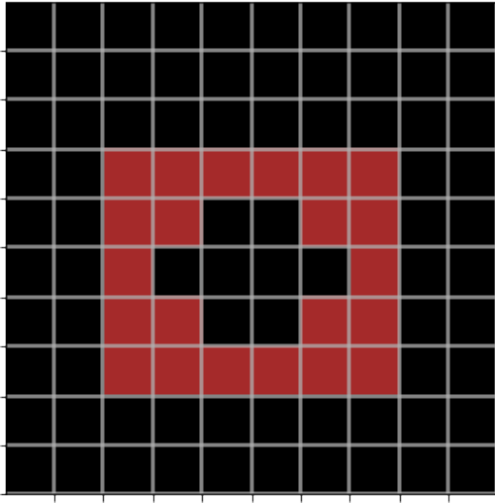
952a094c.json Tr Input



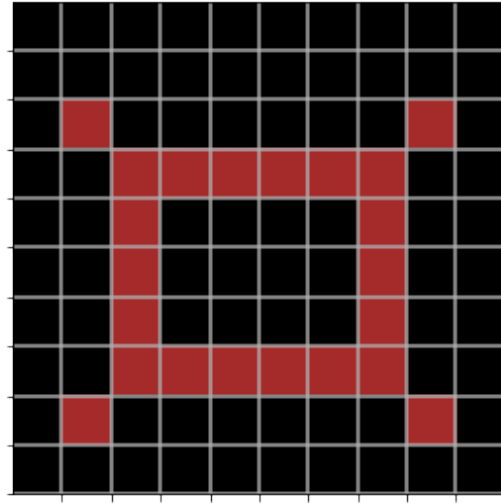
952a094c.json Tr Output



952a094c.json Te Input

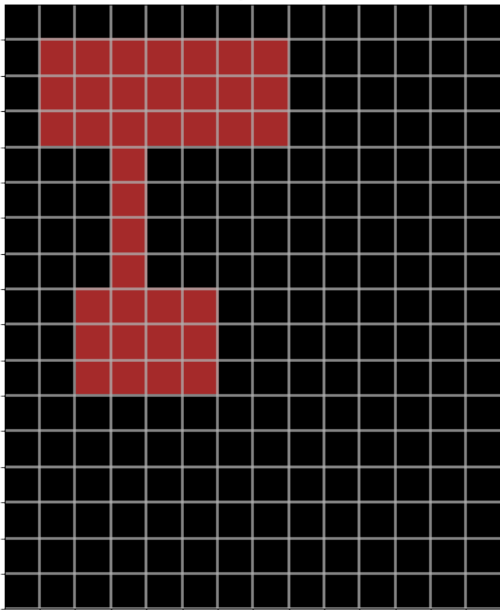


952a094c.json Te Output

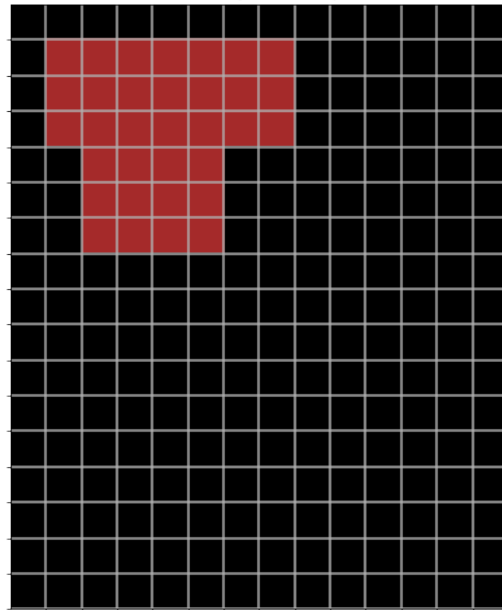


i = 56

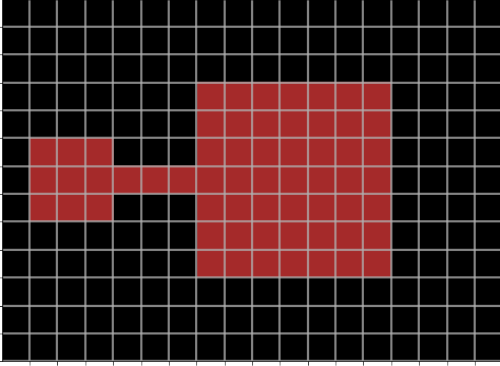
98cf29f8.json Tr Input



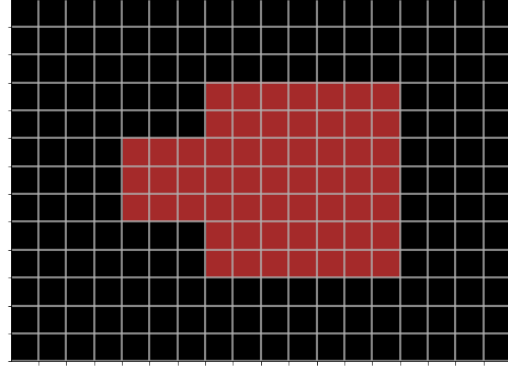
98cf29f8.json Tr Output



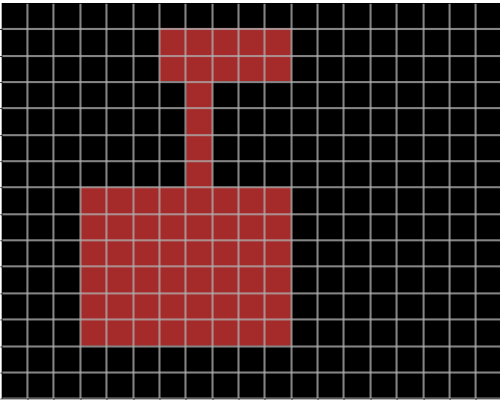
98cf29f8.json Tr Input



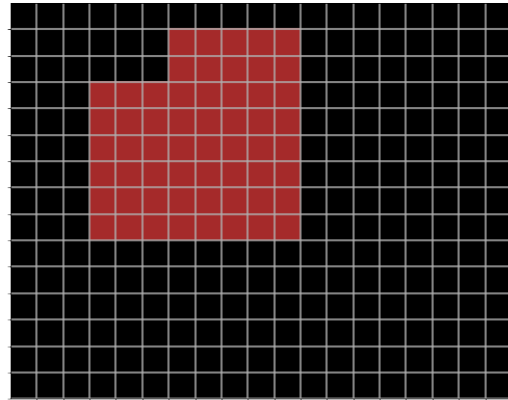
98cf29f8.json Tr Output



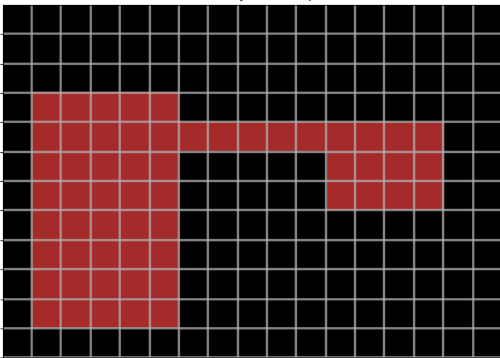
98cf29f8.json Tr Input



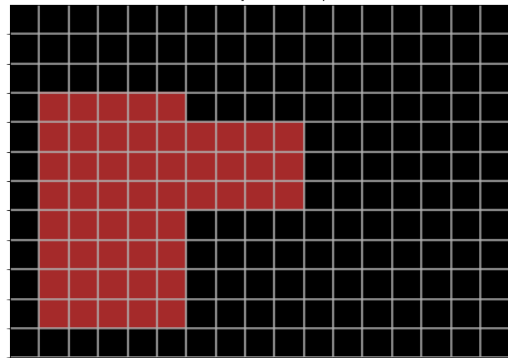
98cf29f8.json Tr Output



98cf29f8.json Te Input

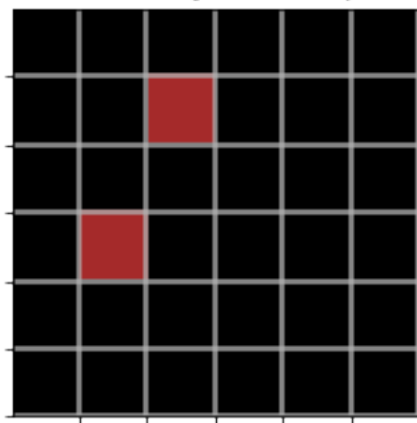


98cf29f8.json Te Output

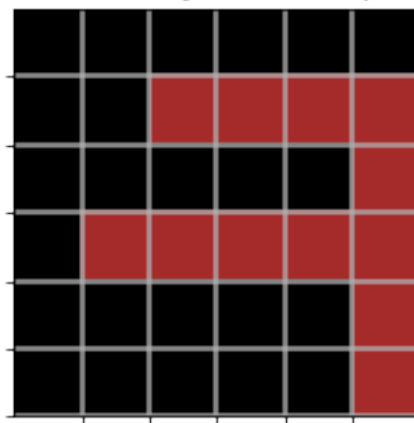


i = 57

99fa7670.json Tr Input



99fa7670.json Tr Output



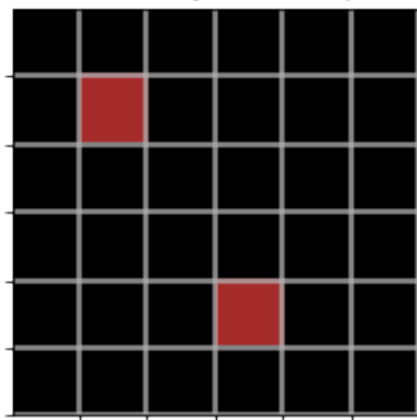
99fa7670.json Tr Input



99fa7670.json Tr Output



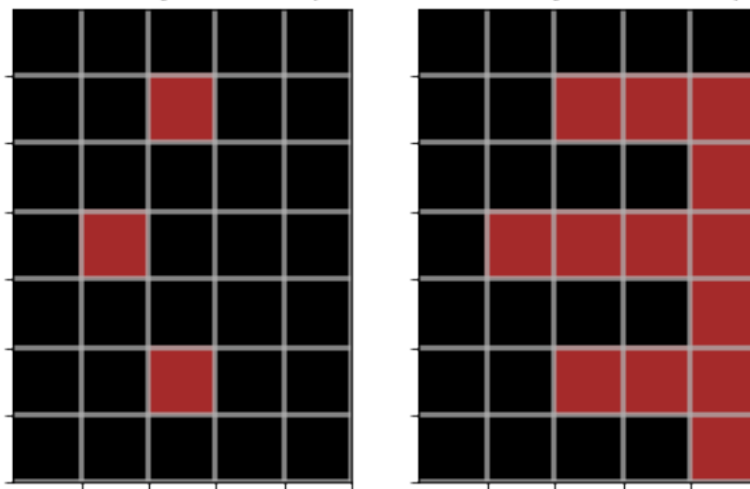
99fa7670.json Tr Input



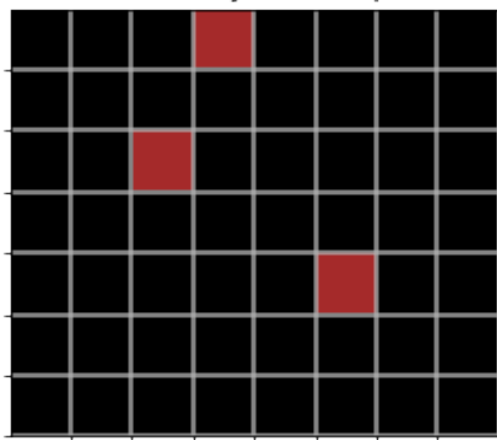
99fa7670.json Tr Output



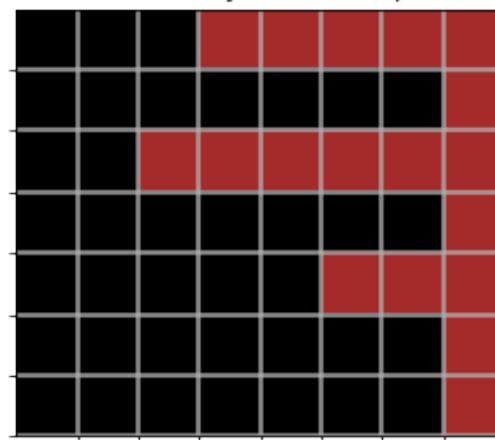
99fa7670.json Tr Input 99fa7670.json Tr Output



99fa7670.json Te Input

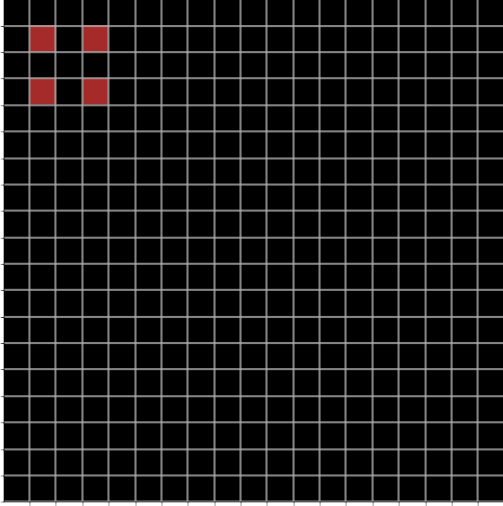


99fa7670.json Te Output

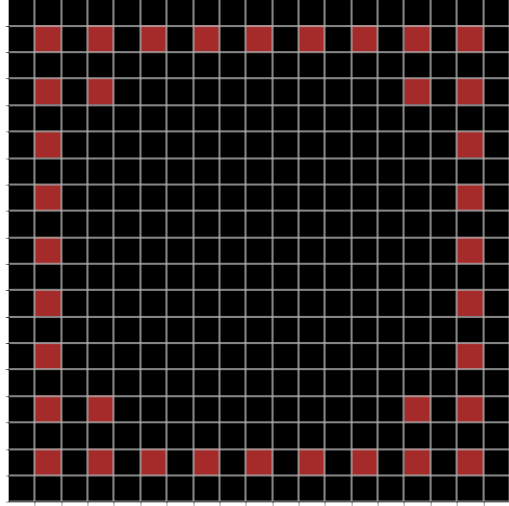


i = 58

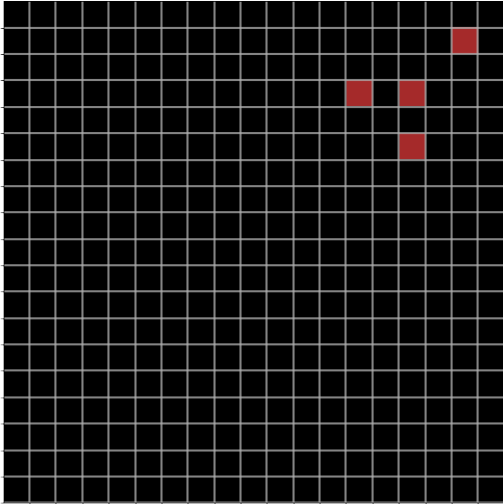
9d9215db json Tr Input



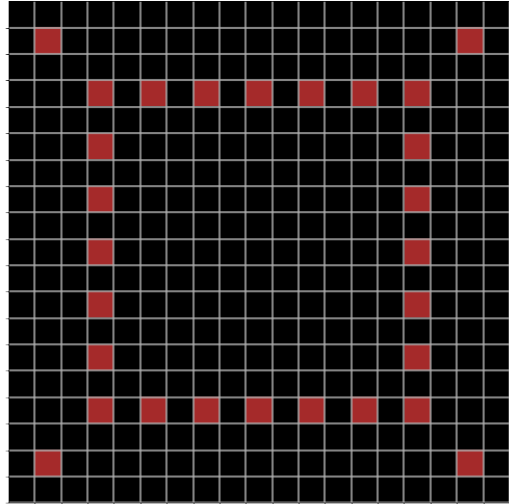
9d9215db json Tr Output

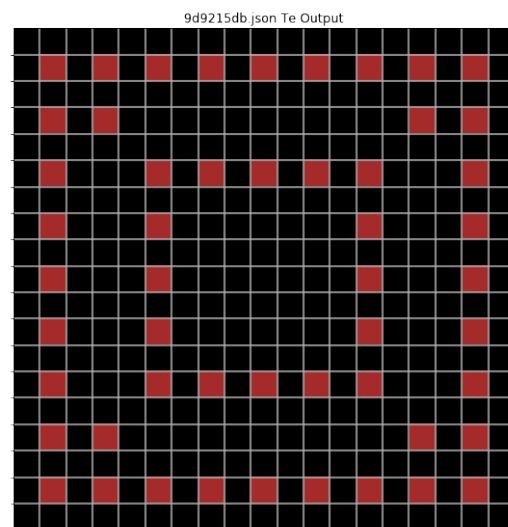
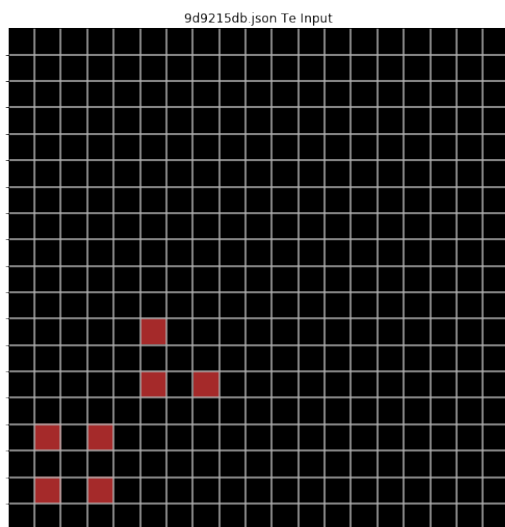
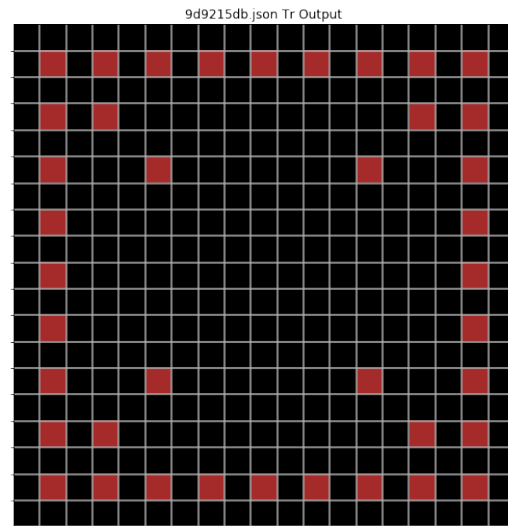
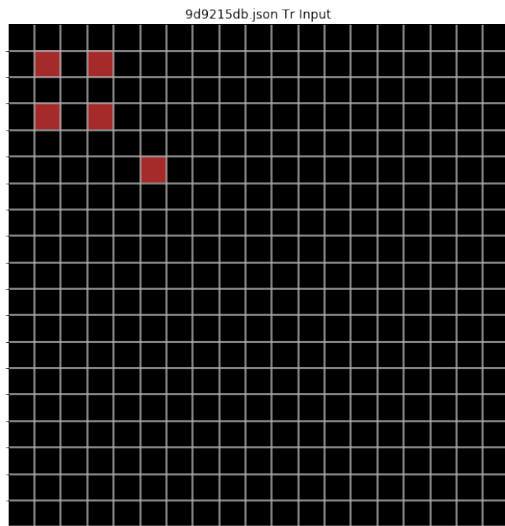


9d9215db json Tr Input



9d9215db json Tr Output

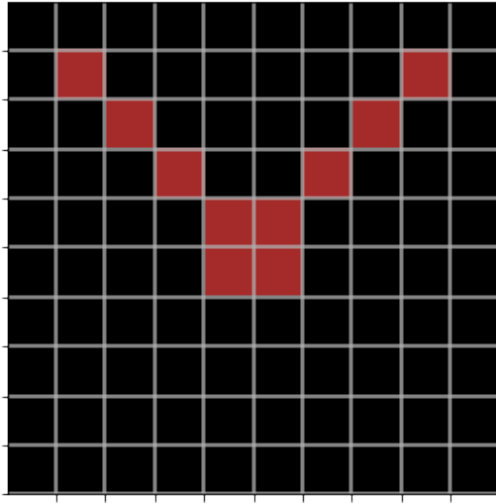




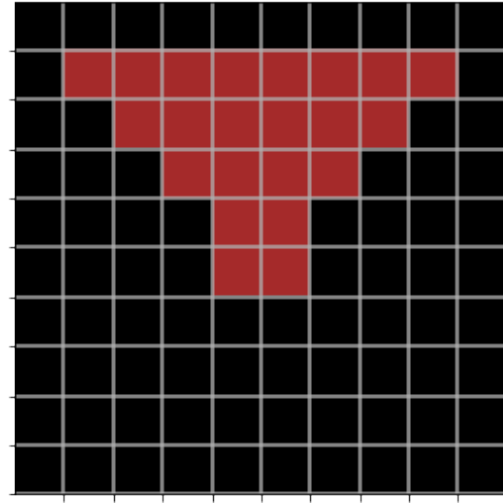
```
In [16]: print('Visualizing files in mini testing')
         i = 0
         for filename in onlyfiles_test:
             print(f'i = {i}')
             train_list, test_list = read_single_training_example(filename)
             show_single_training_example_visually(train_list, test_list, filename, removeColor)
             i += 1
```

Visualizing files in mini testing
i = 0

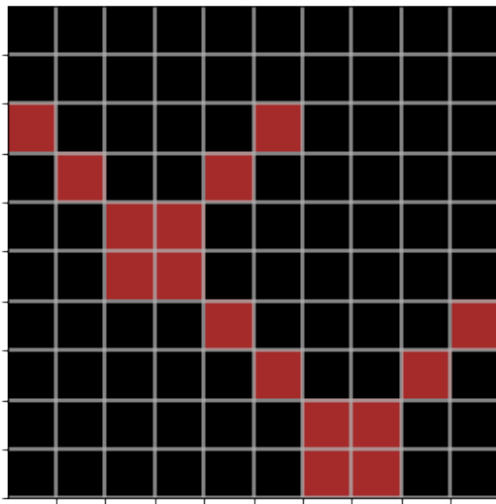
22168020.json Tr Input



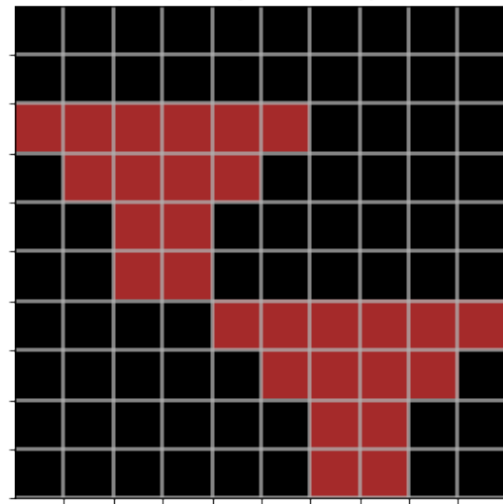
22168020.json Tr Output



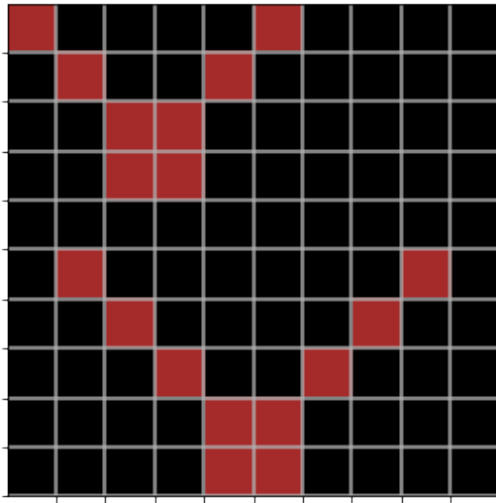
22168020.json Tr Input



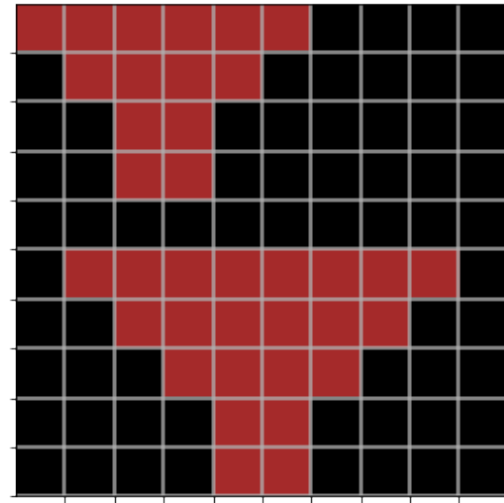
22168020.json Tr Output



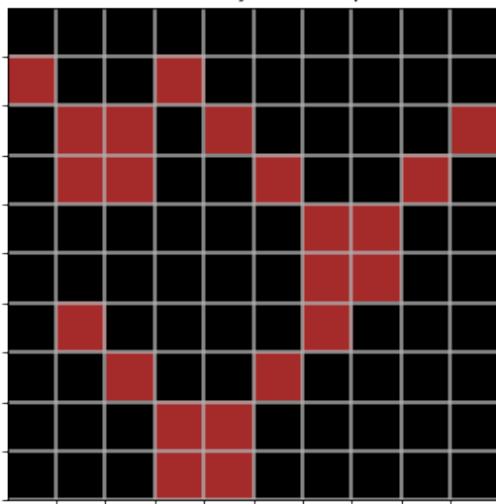
22168020.json Tr Input



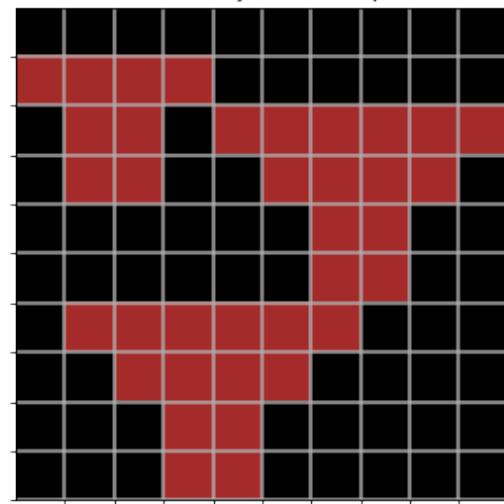
22168020.json Tr Output



22168020.json Te Input

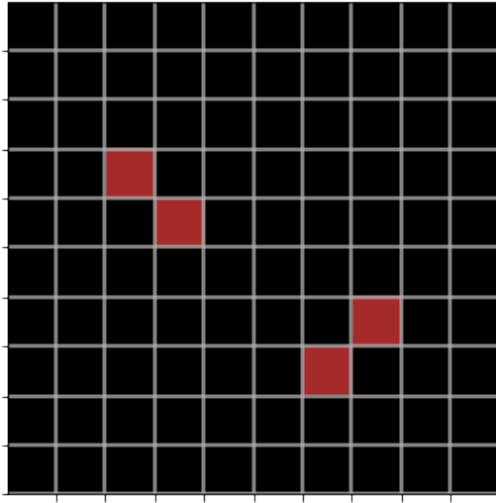


22168020.json Te Output

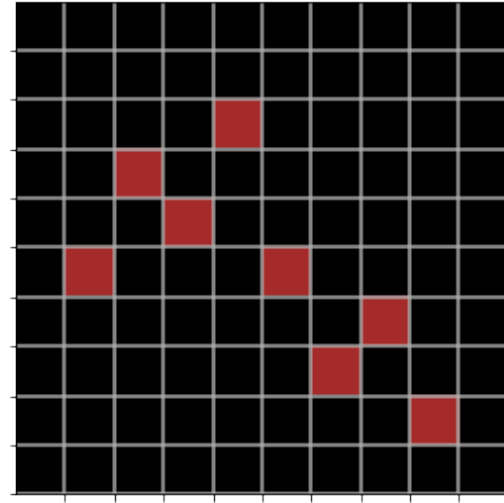


i = 1

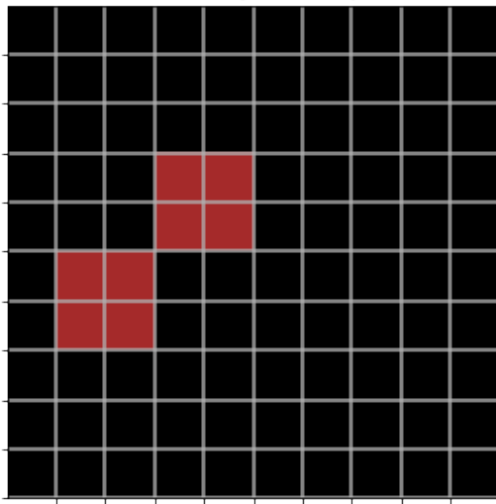
22233c11.json Tr Input



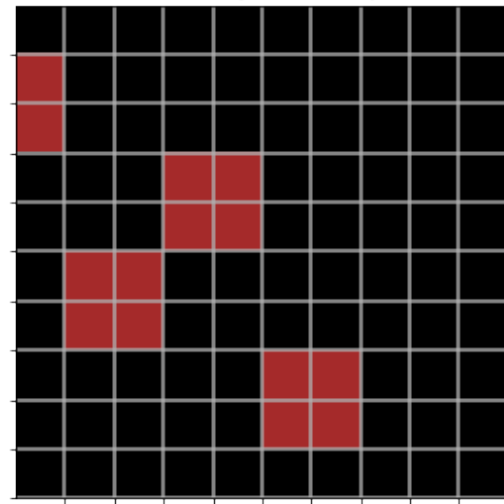
22233c11.json Tr Output



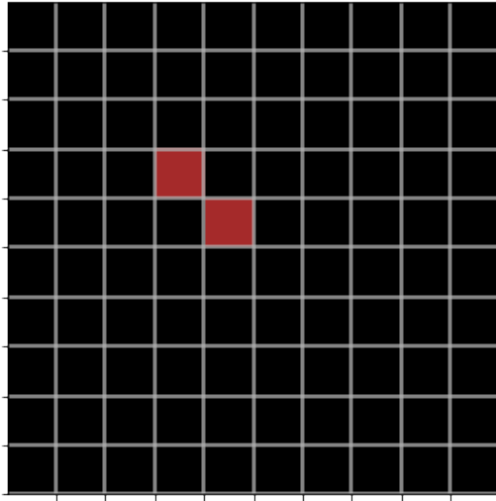
22233c11.json Tr Input



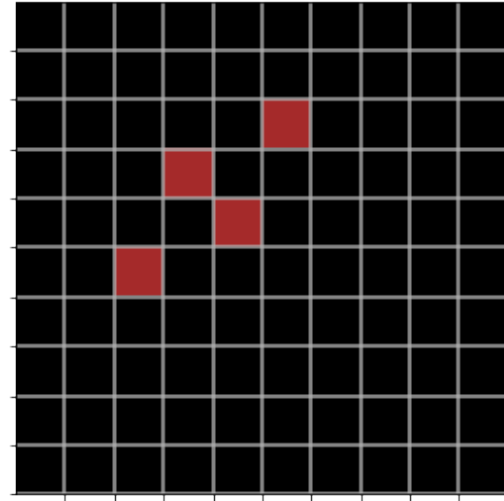
22233c11.json Tr Output



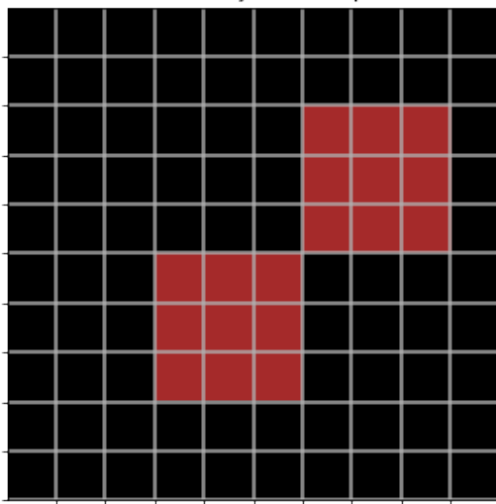
22233c11.json Tr Input



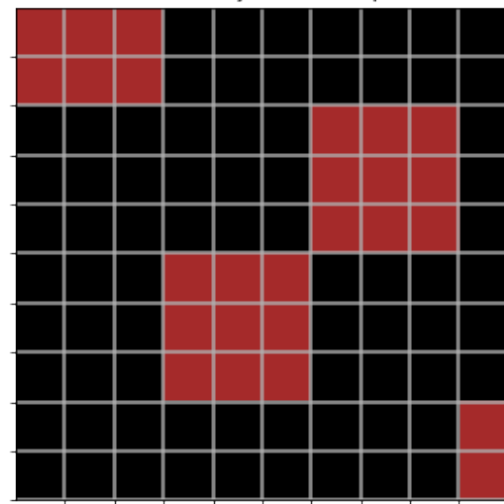
22233c11.json Tr Output



22233c11.json Te Input

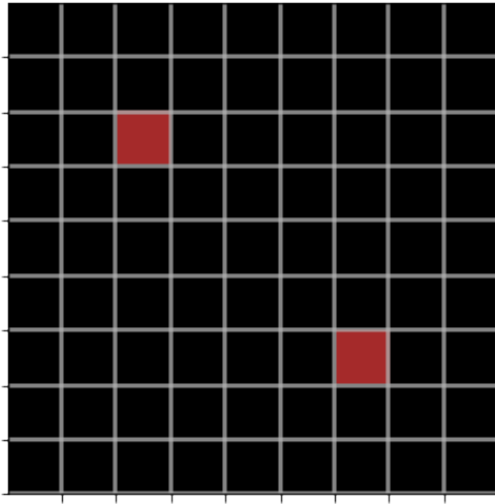


22233c11.json Te Output

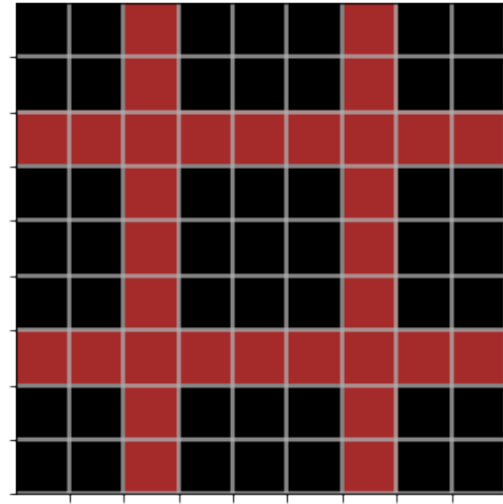


i = 2

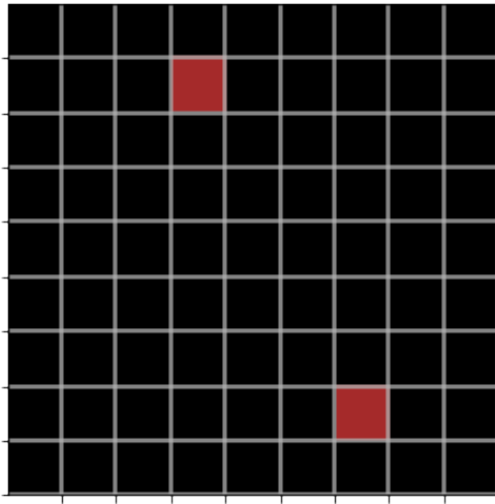
23581191.json Tr Input



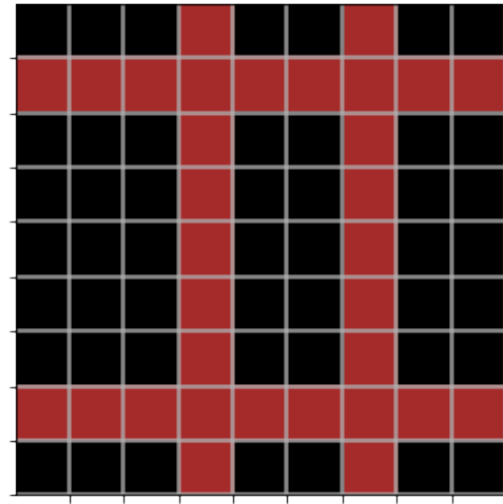
23581191.json Tr Output



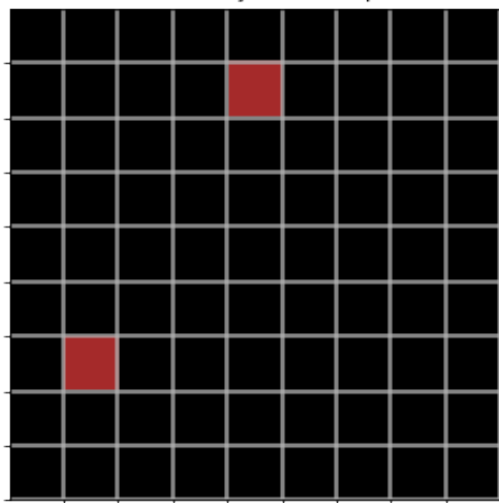
23581191.json Tr Input



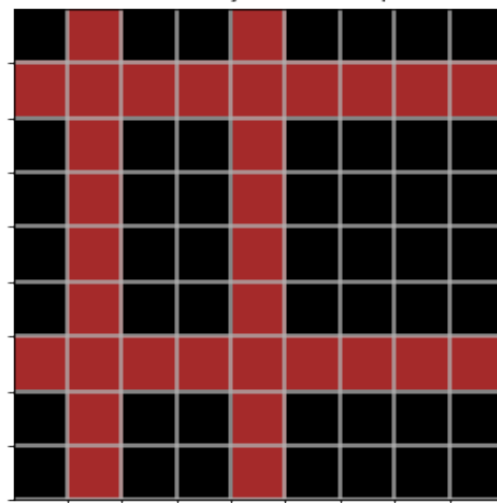
23581191.json Tr Output



23581191.json Te Input

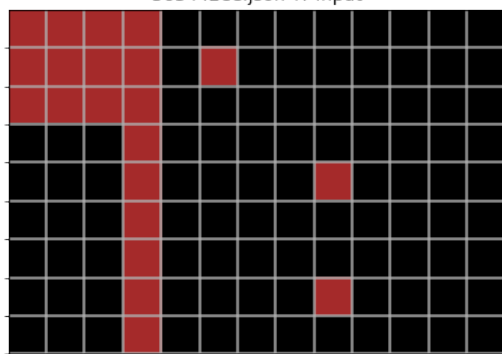


23581191.json Te Output

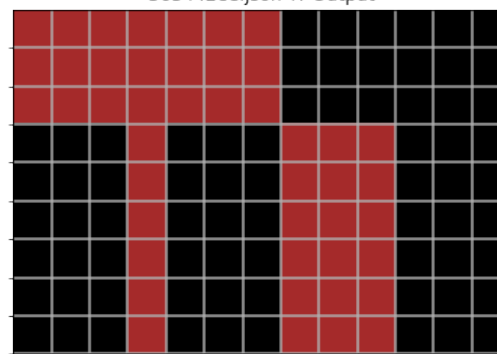


i = 3

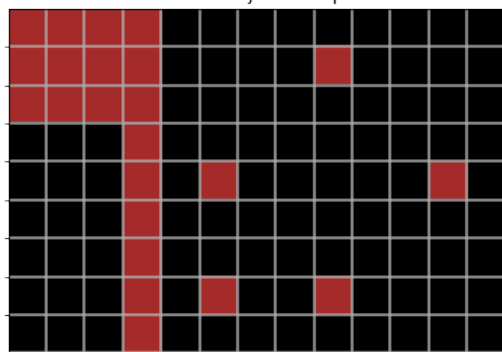
363442ee.json Tr Input



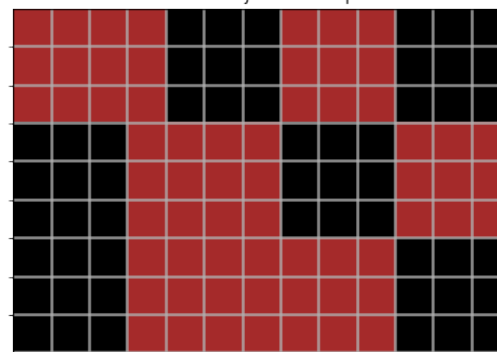
363442ee.json Tr Output



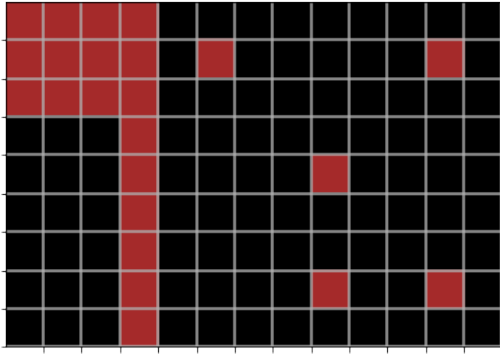
363442ee.json Tr Input



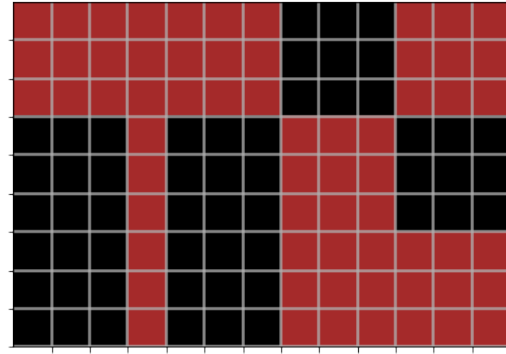
363442ee.json Tr Output



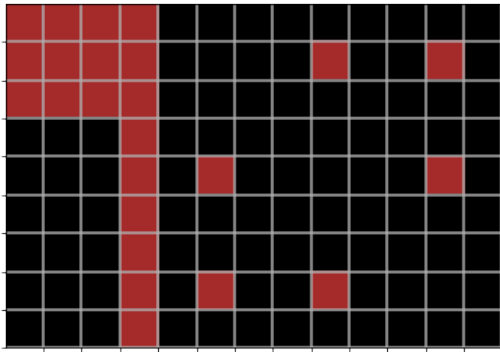
363442ee.json Tr Input



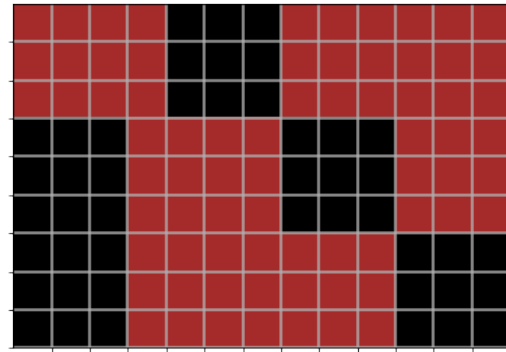
363442ee.json Tr Output



363442ee.json Te Input

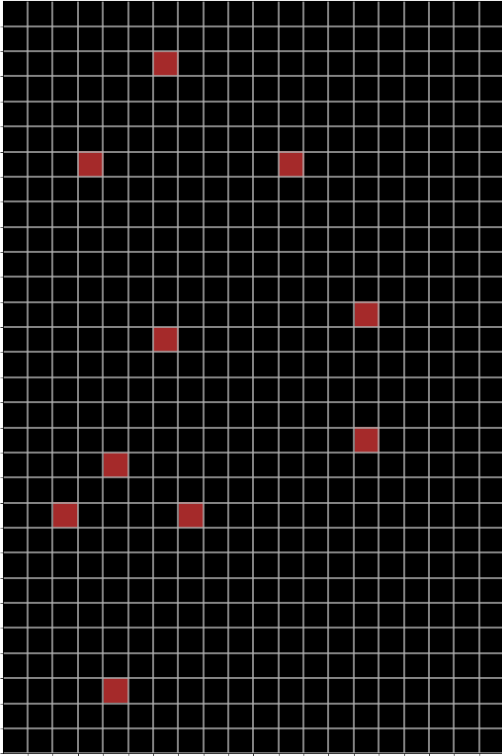


363442ee.json Te Output

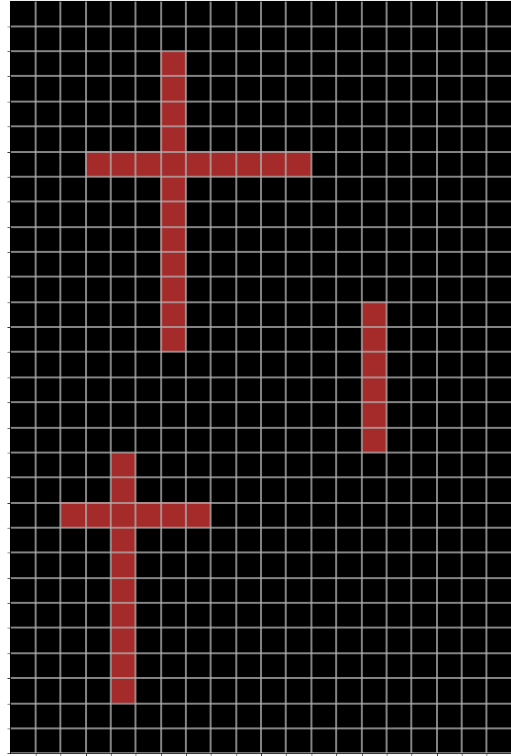


i = 4

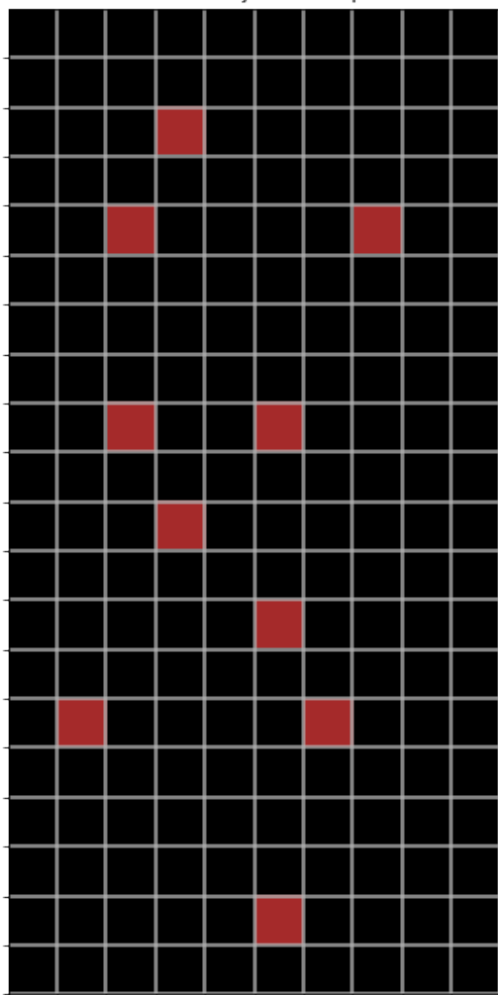
40853293 json Tr Input



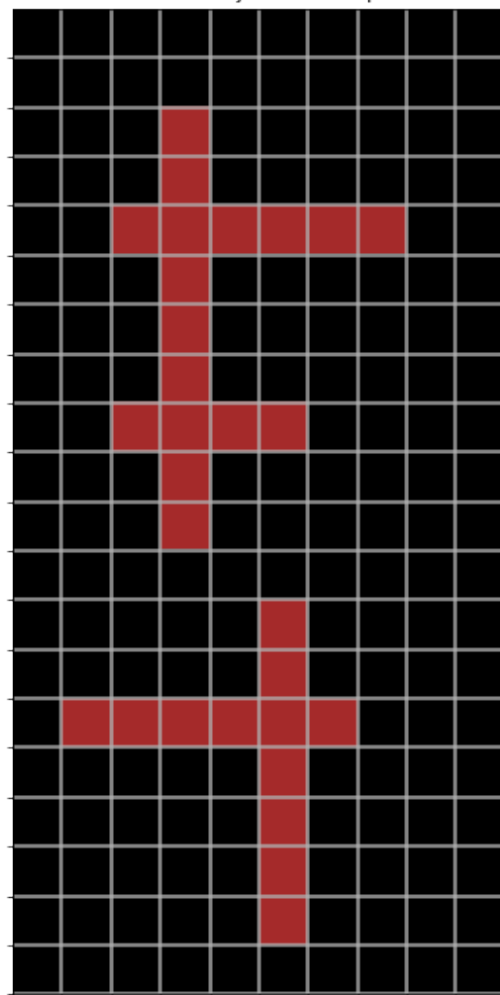
40853293 json Tr Output



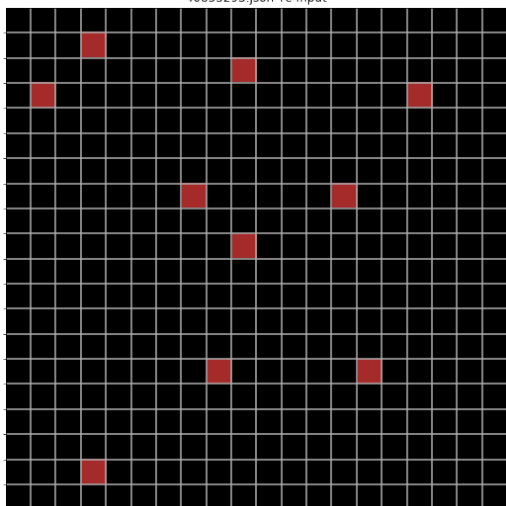
40853293.json Tr Input



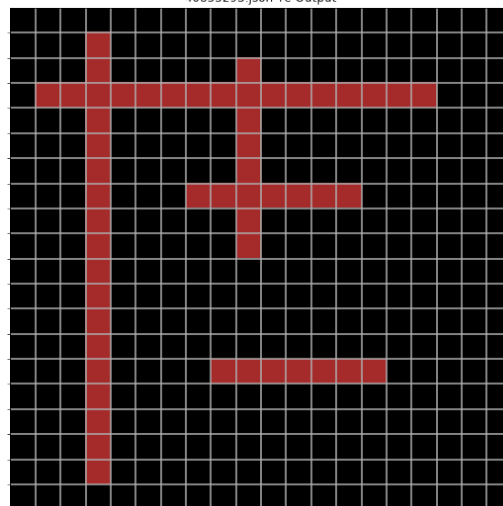
40853293.json Tr Output



40853293.json Te Input

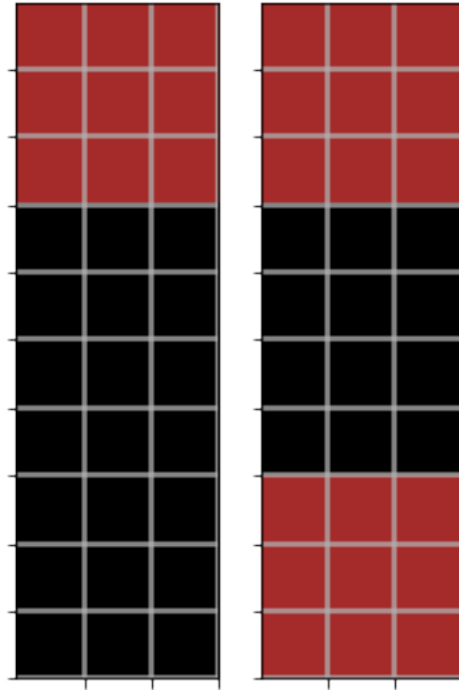


40853293.json Te Output

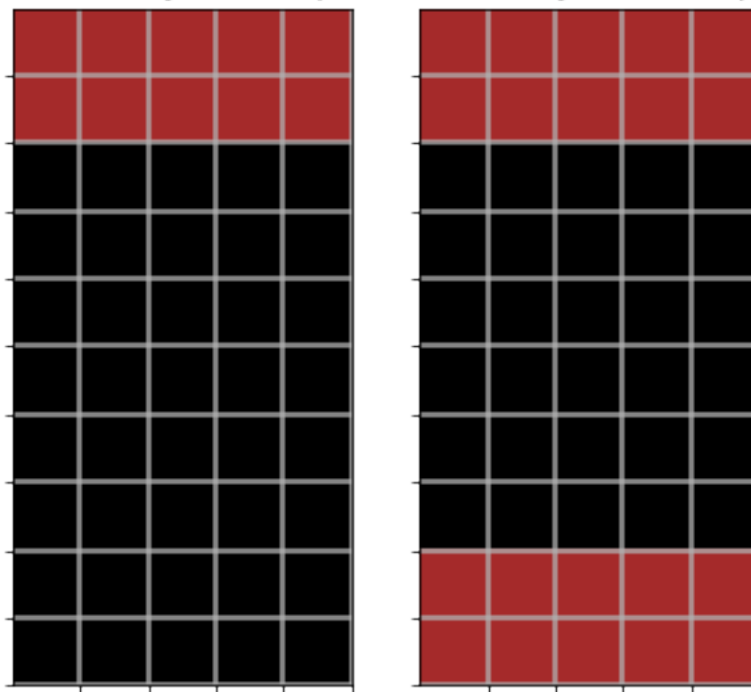


i = 5

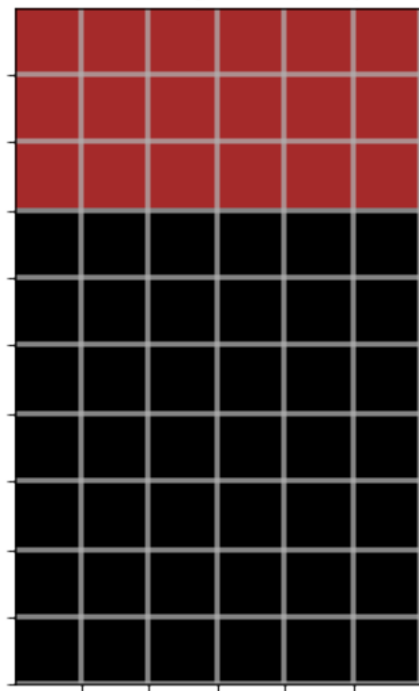
496994bd.json 496994bd.json Tr Output



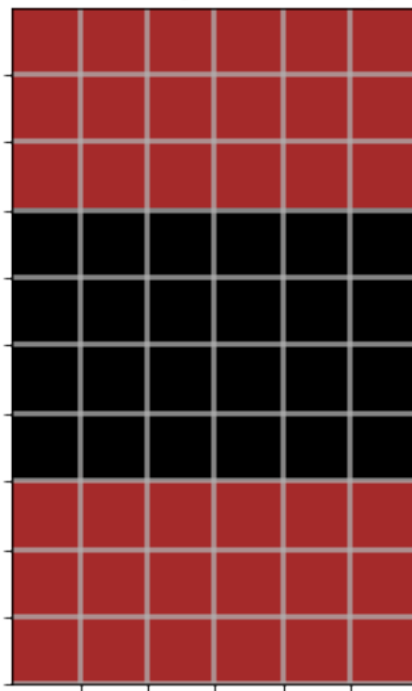
496994bd.json Tr Input 496994bd.json Tr Output



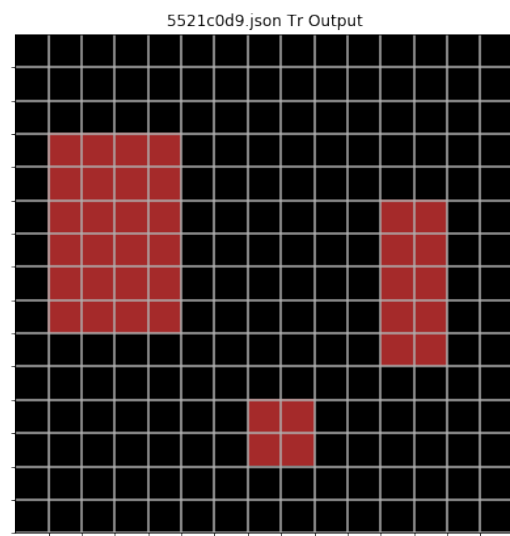
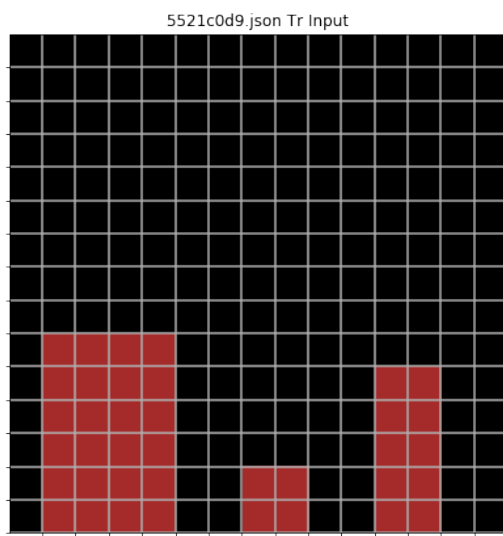
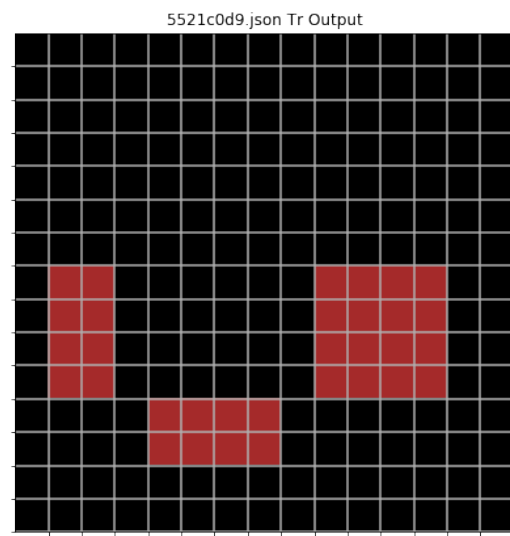
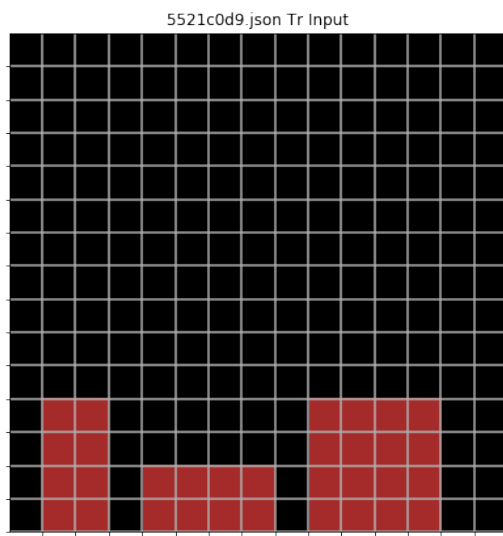
496994bd.json Te Input

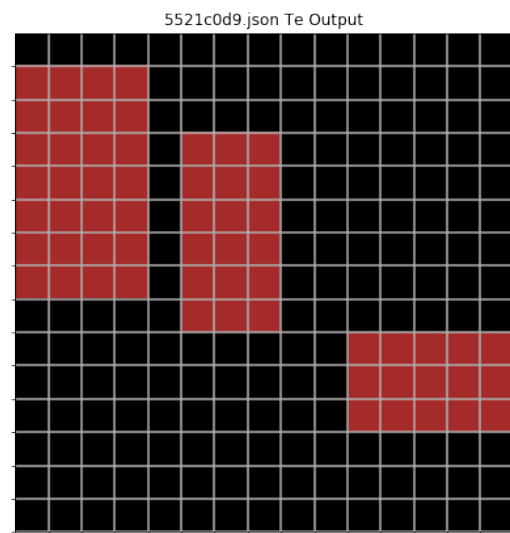
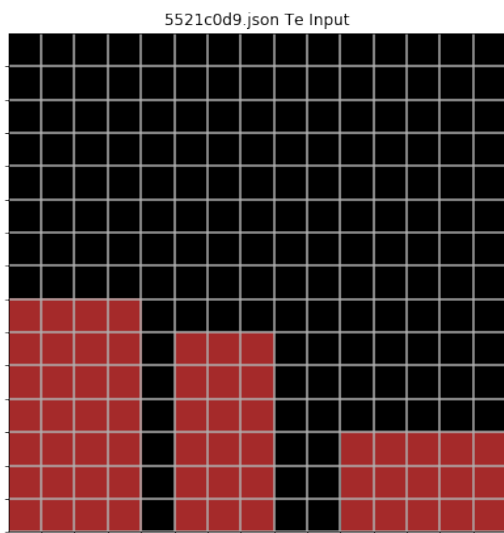
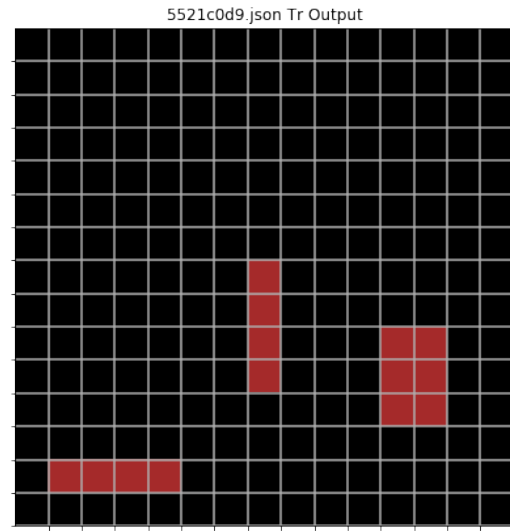
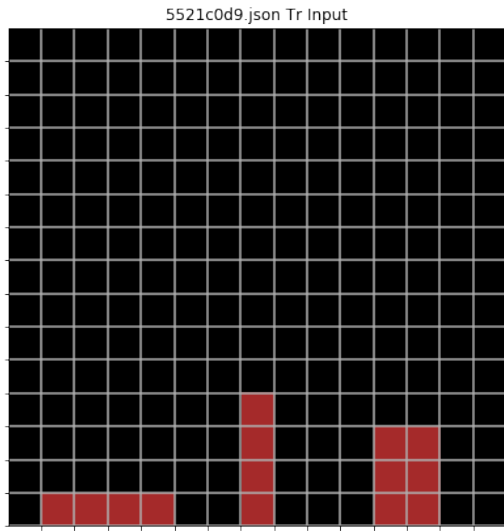


496994bd.json Te Output



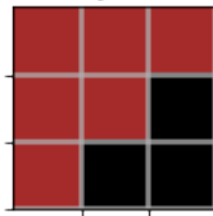
i = 6





i = 7

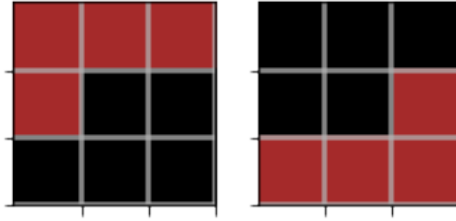
6150a2bd.json Tr Input



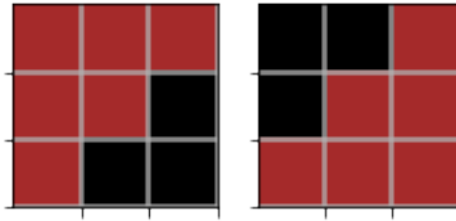
6150a2bd.json Tr Output



6150a2bd.json Tr Input 6150a2bd.json Tr Output



6150a2bd.json Te Input 6150a2bd.json Te Output



i = 8

7447852a.json Tr Input



7447852a.json Tr Output



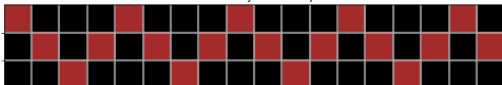
7447852a.json Tr Input



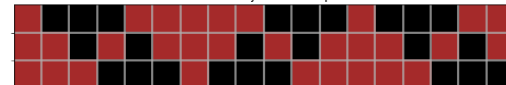
7447852a.json Tr Output

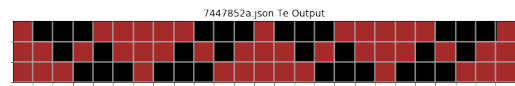


7447852a.json Tr Input

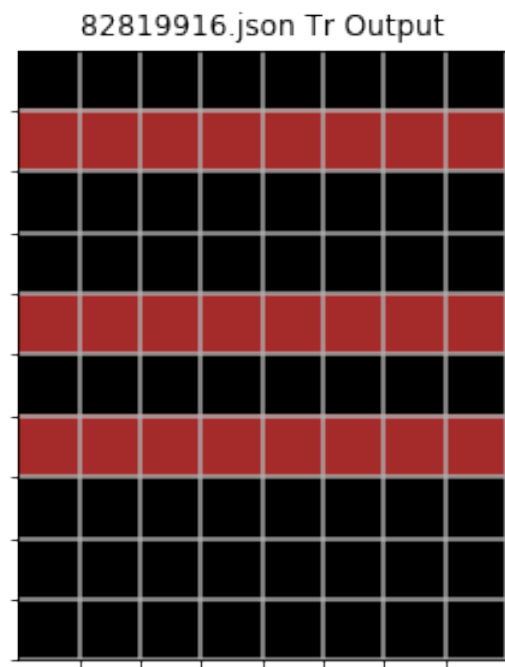
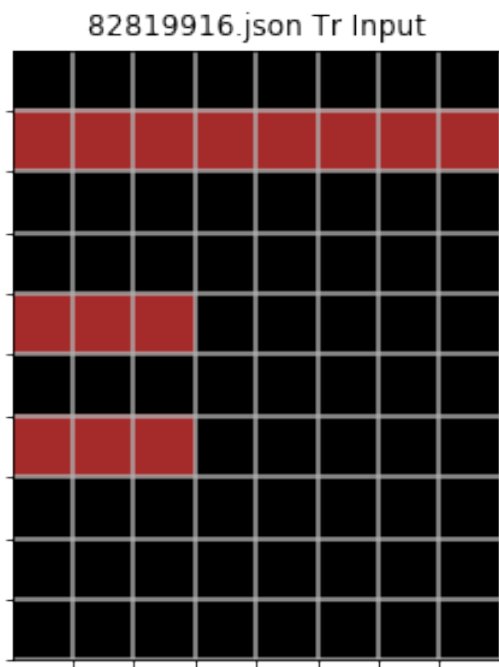


7447852a.json Tr Output

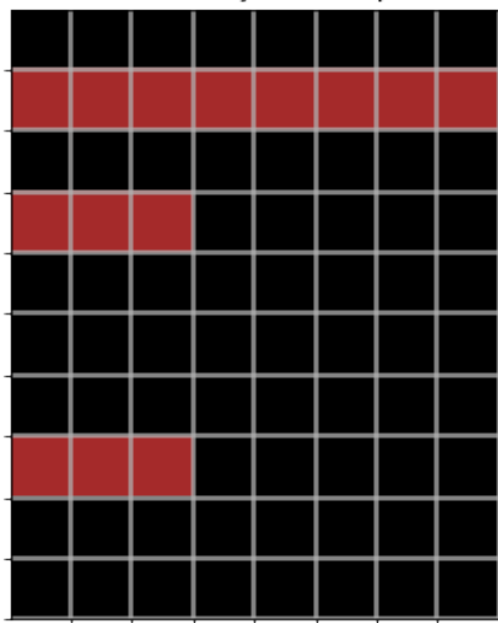




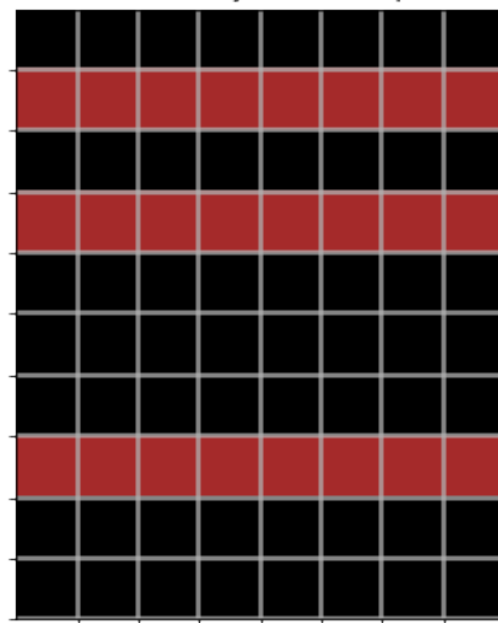
i = 9



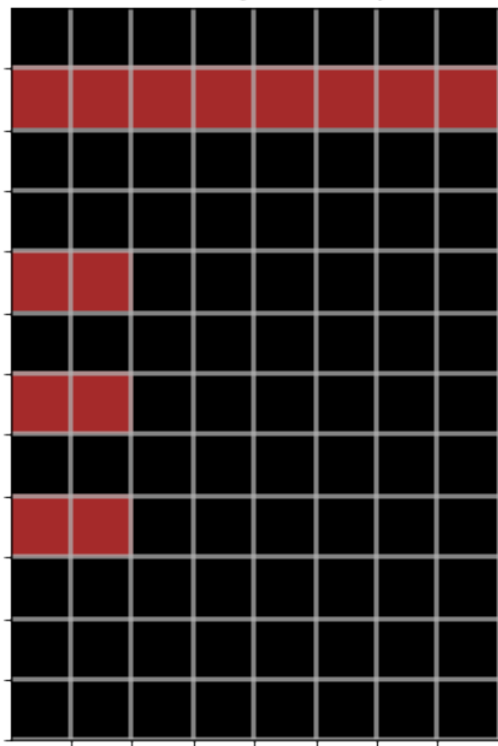
82819916.json Tr Input



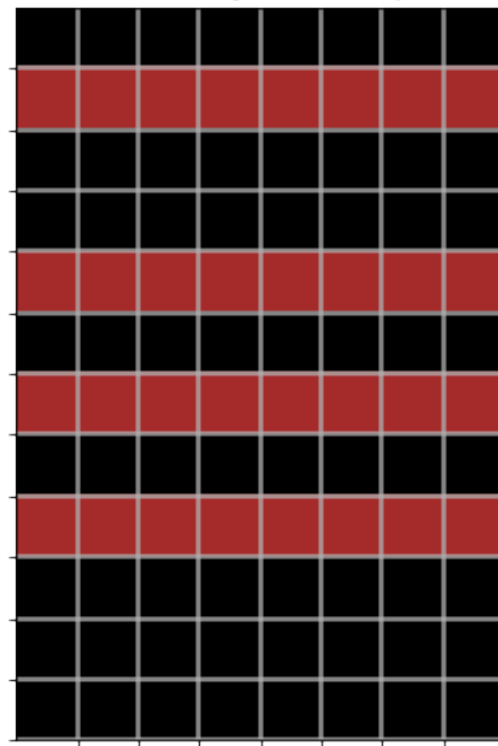
82819916.json Tr Output



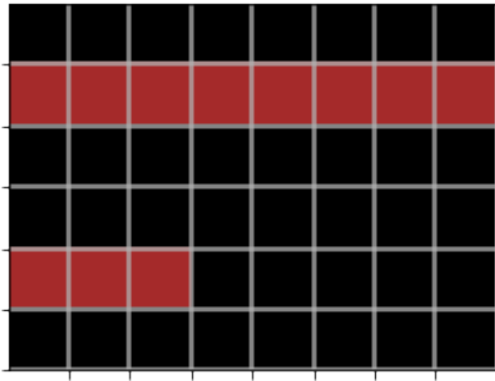
82819916.json Tr Input



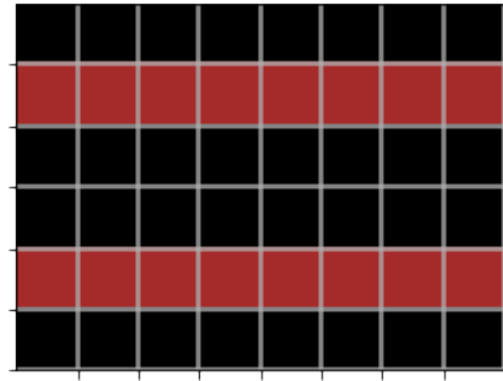
82819916.json Tr Output



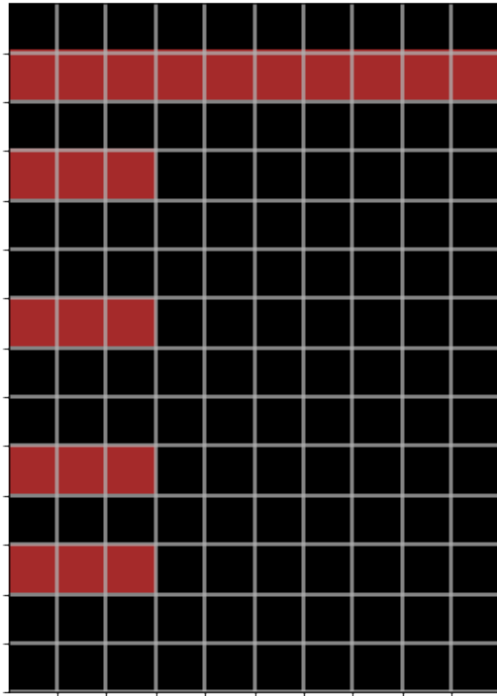
82819916.json Tr Input



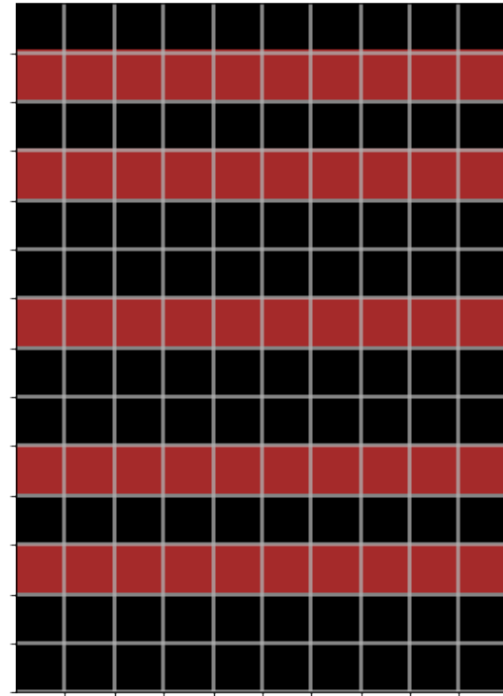
82819916.json Tr Output



82819916.json Te Input

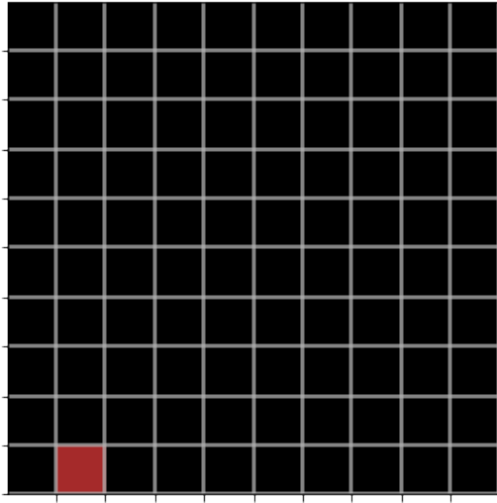


82819916.json Te Output



i = 10

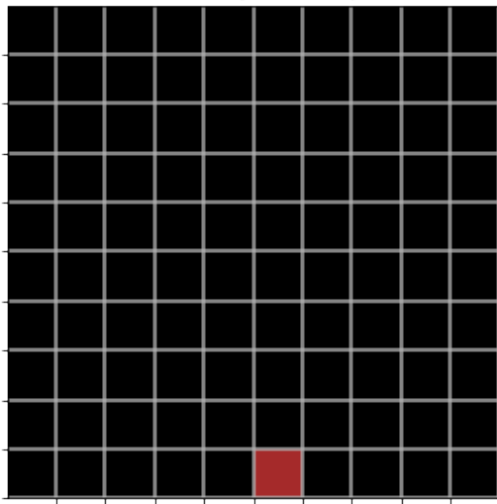
8403a5d5.json Tr Input



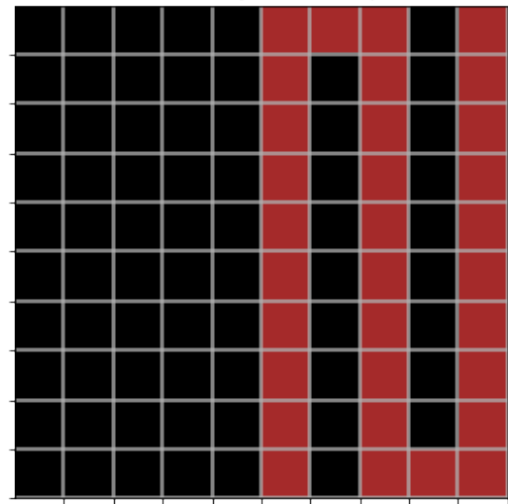
8403a5d5.json Tr Output



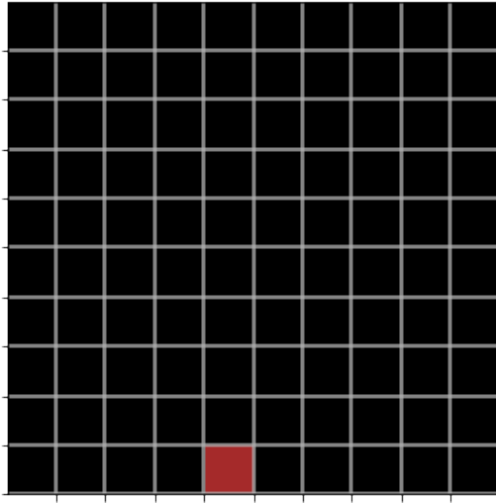
8403a5d5.json Tr Input



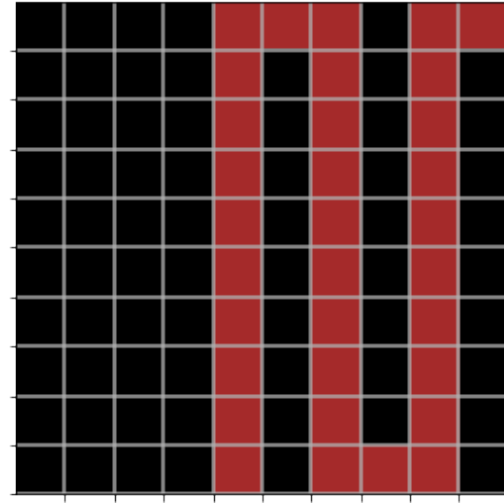
8403a5d5.json Tr Output



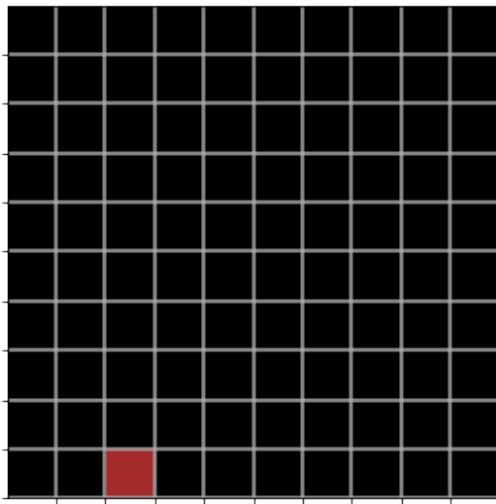
8403a5d5.json Tr Input



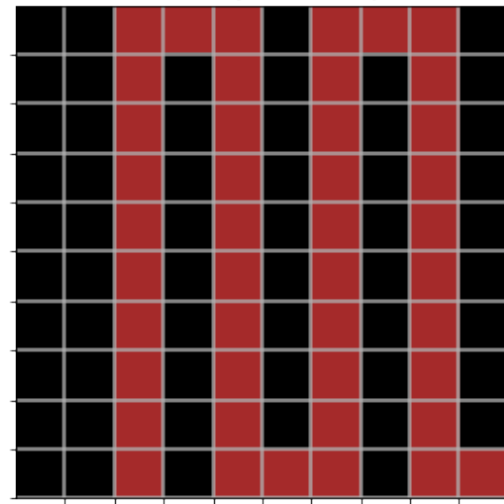
8403a5d5.json Tr Output



8403a5d5.json Te Input

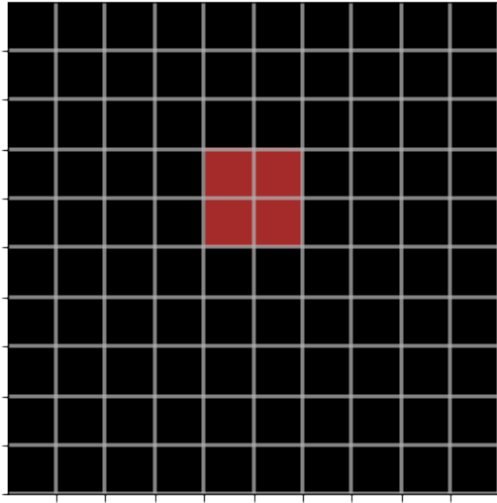


8403a5d5.json Te Output

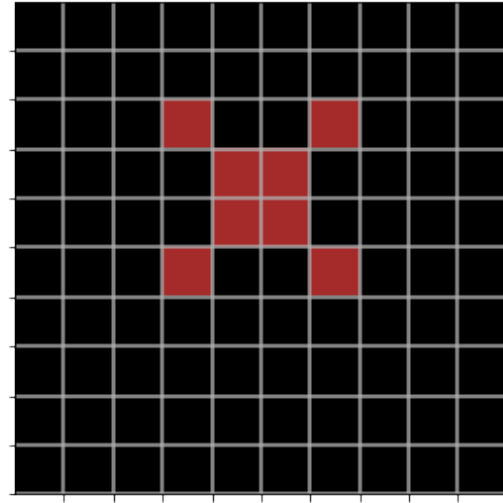


i = 11

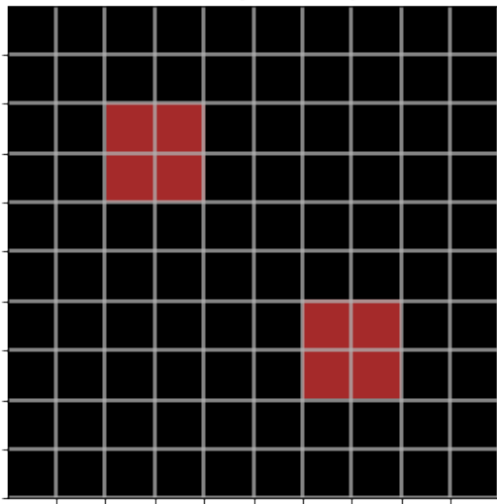
95990924.json Tr Input



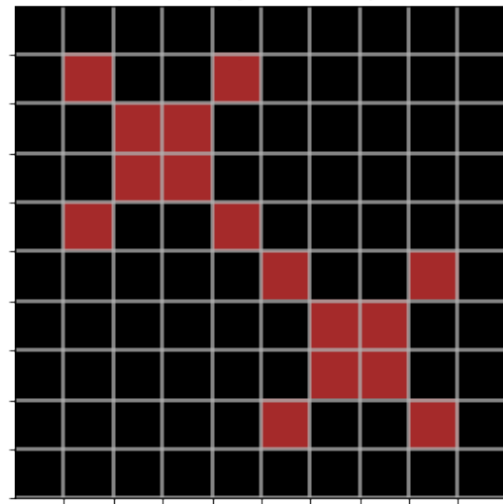
95990924.json Tr Output



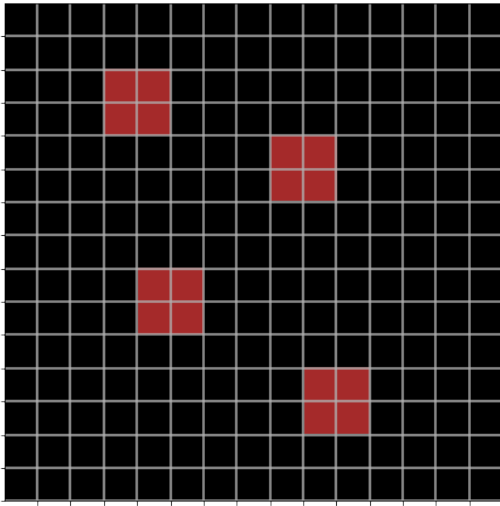
95990924.json Tr Input



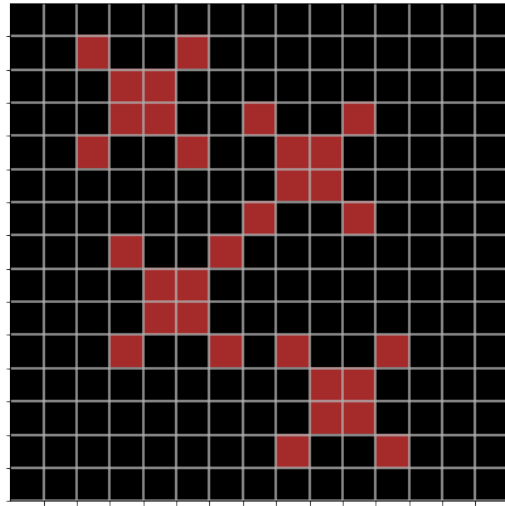
95990924.json Tr Output



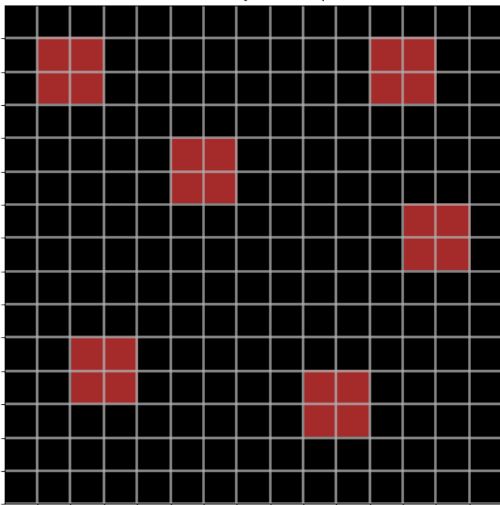
95990924.json Tr Input



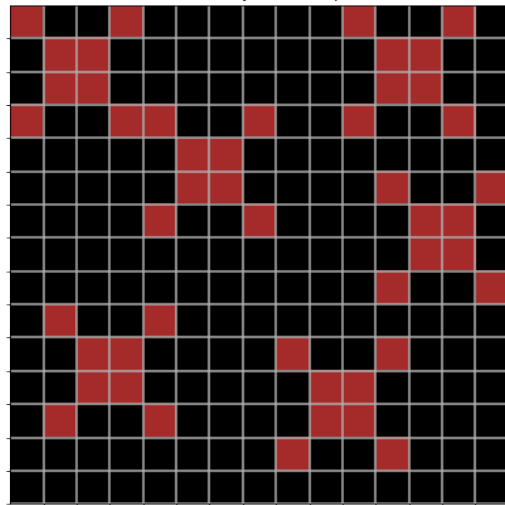
95990924.json Tr Output



95990924.json Te Input

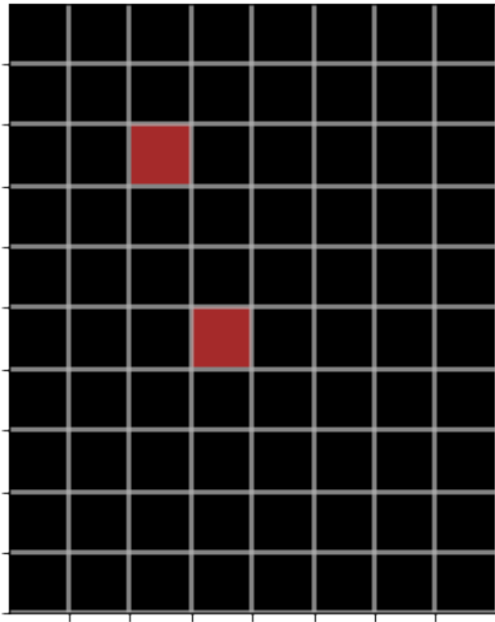


95990924.json Te Output

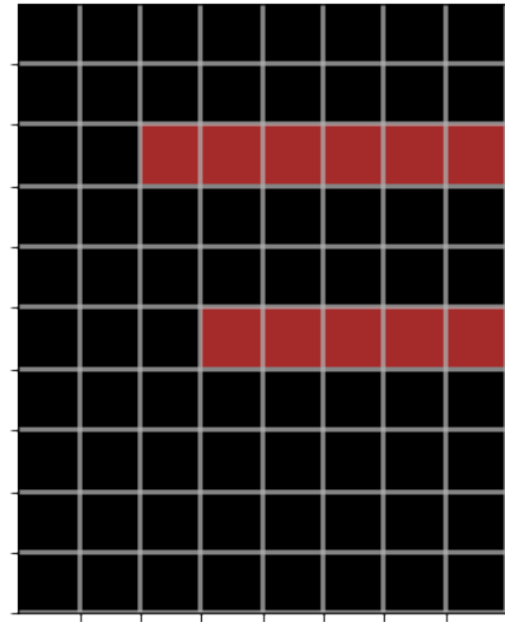


i = 12

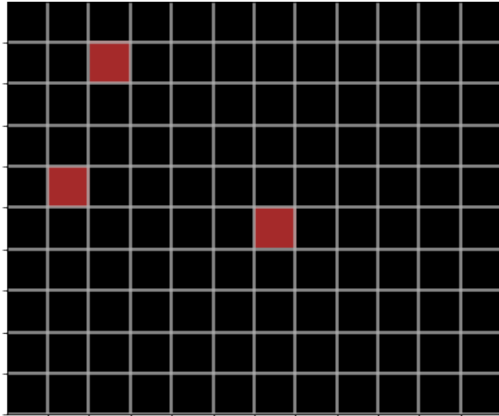
97999447.json Tr Input



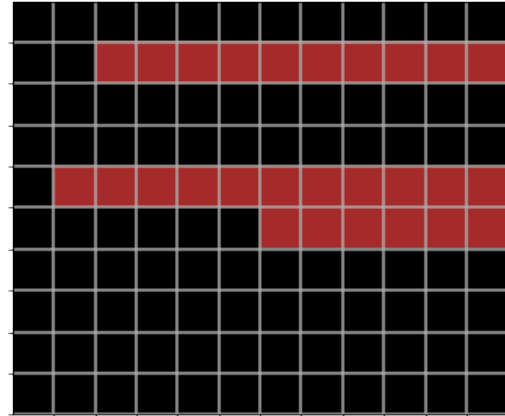
97999447.json Tr Output



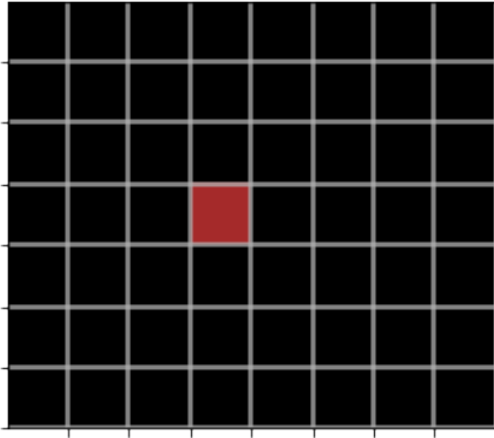
97999447.json Tr Input



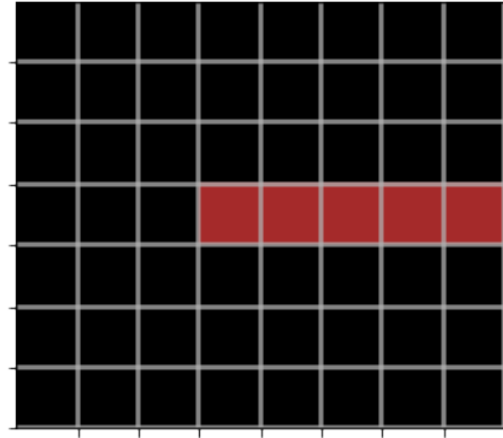
97999447.json Tr Output



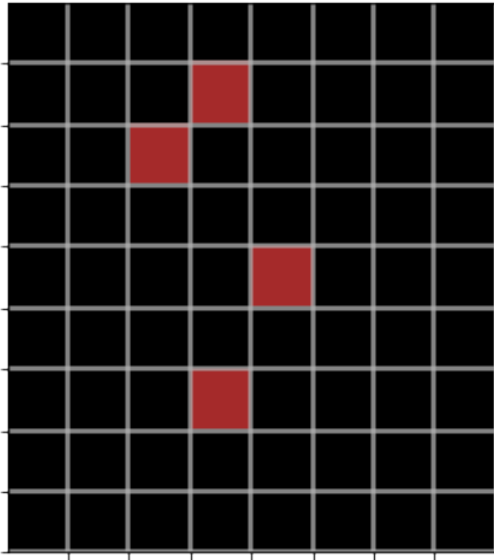
97999447.json Tr Input



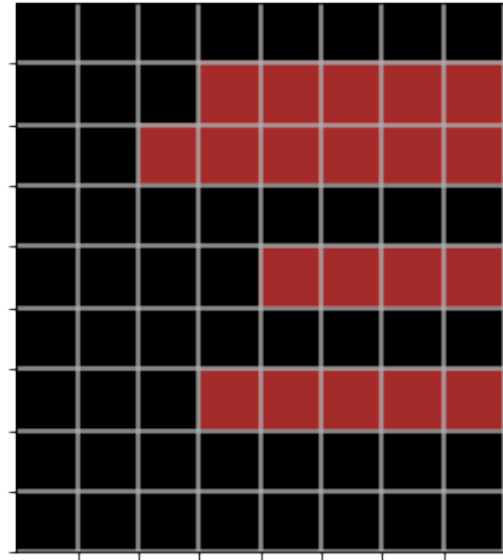
97999447.json Tr Output



97999447.json Te Input

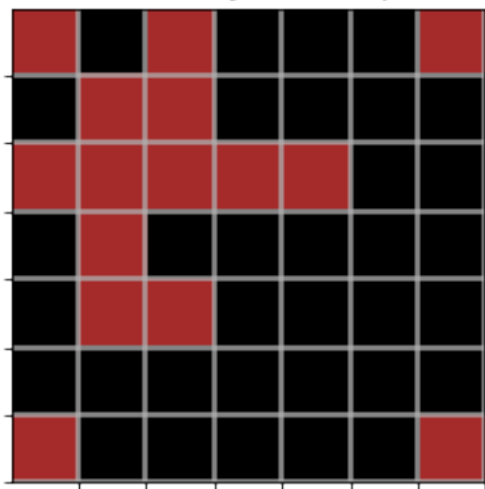


97999447.json Te Output

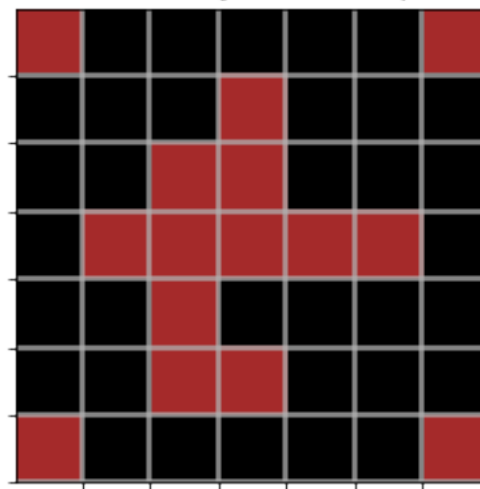


i = 13

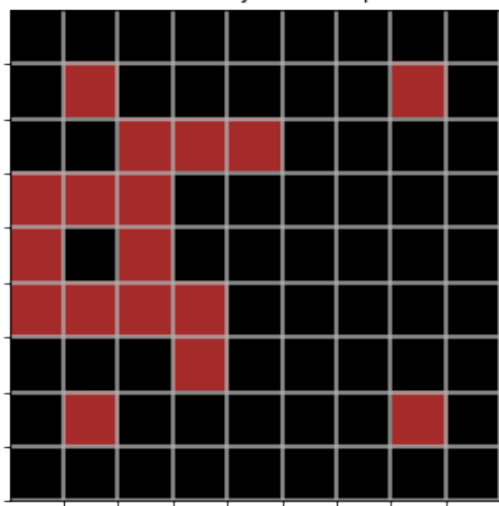
a1570a43.json Tr Input



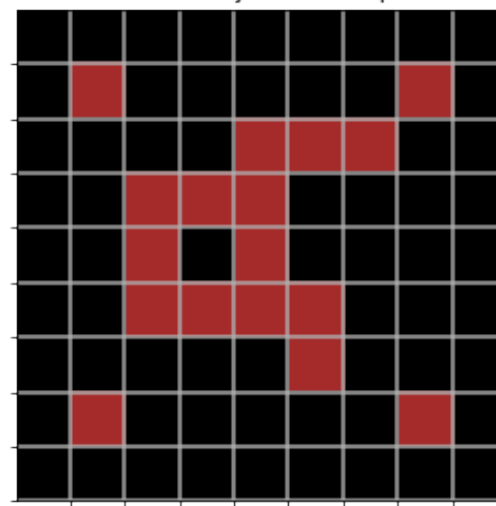
a1570a43.json Tr Output



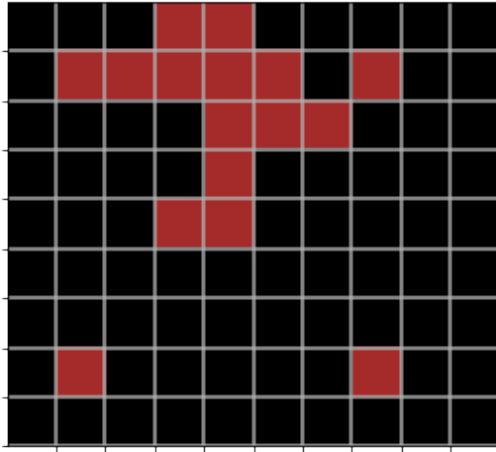
a1570a43.json Tr Input



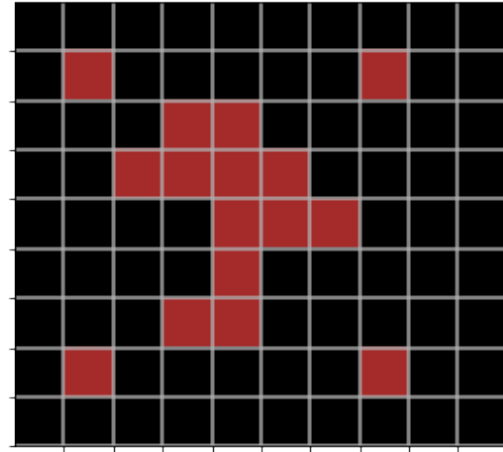
a1570a43.json Tr Output



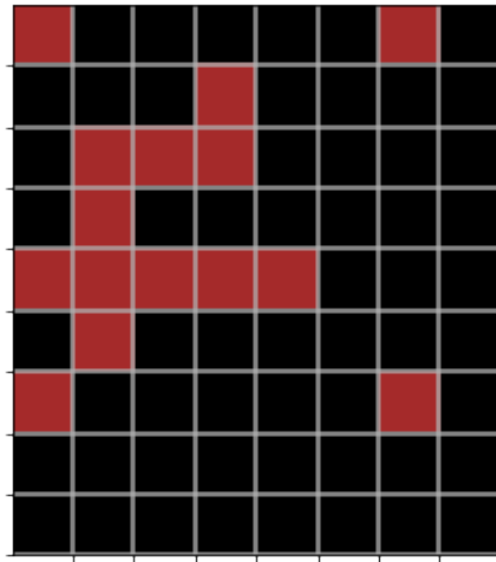
a1570a43.json Tr Input



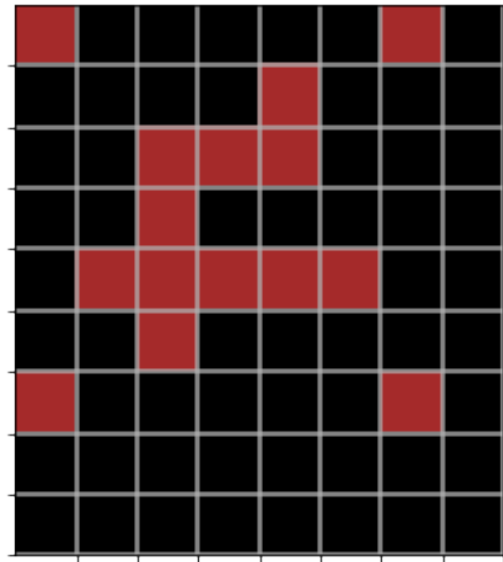
a1570a43.json Tr Output



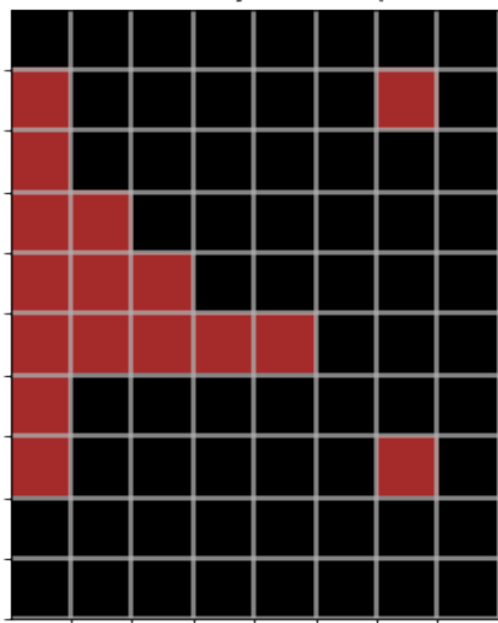
a1570a43.json Tr Input



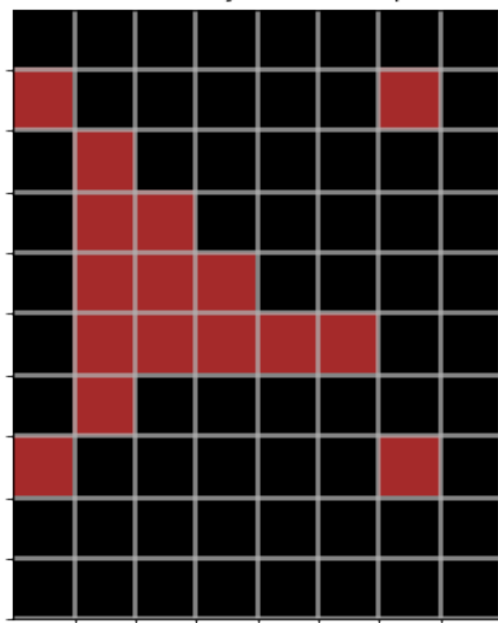
a1570a43.json Tr Output



a1570a43.json Te Input

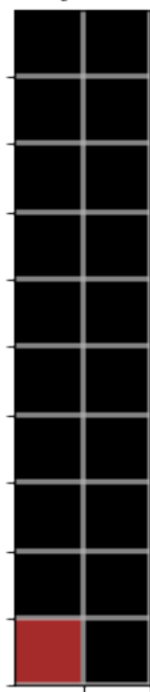


a1570a43.json Te Output

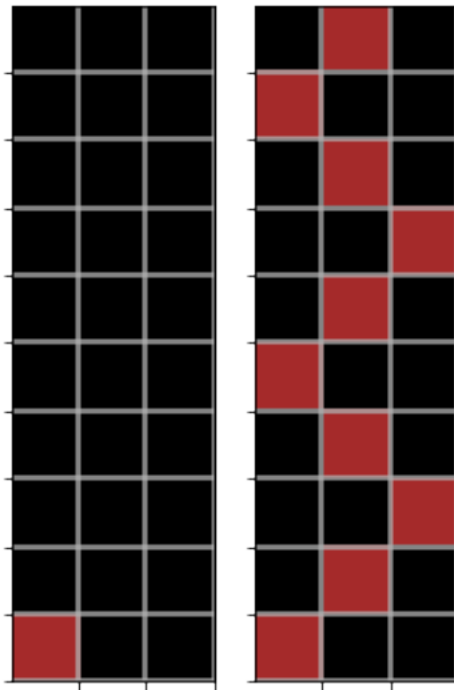


i = 14

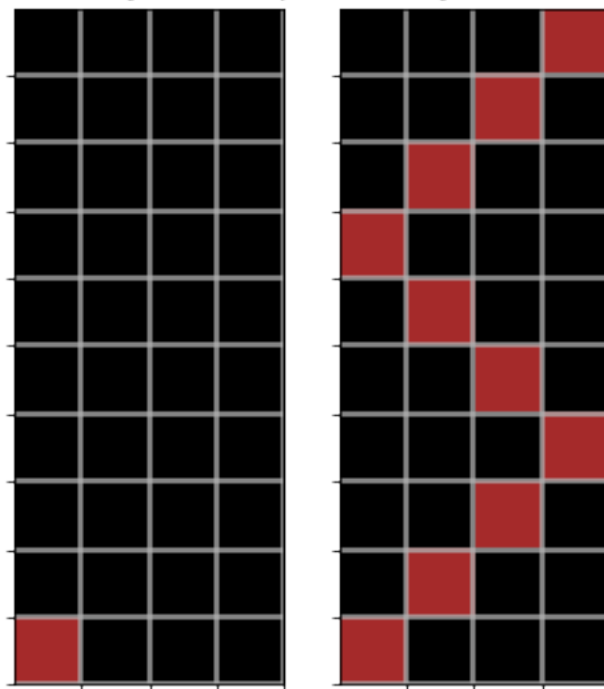
a3df8b1ea3df8b1ea3df8b1ea3df8b1 Input



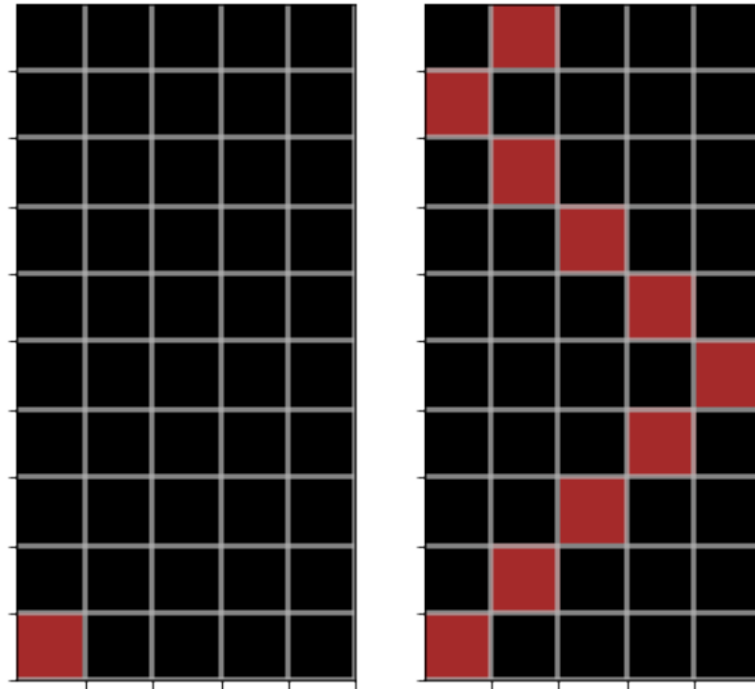
a3df8b1e.json Tr Input a3df8b1e.json Tr Output



a3df8b1e.json Tr Input bdf8b1e.json Tr Output

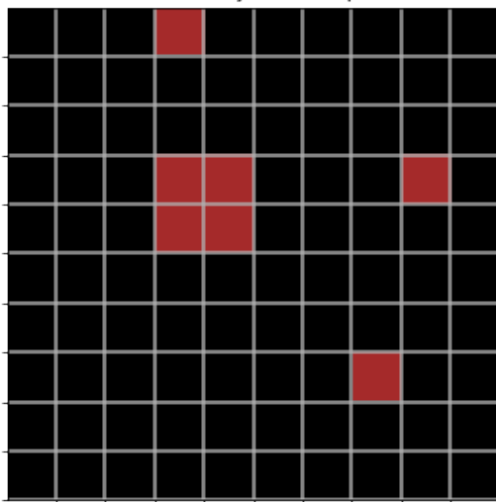


a3df8b1e.json Te Input a3df8b1e.json Te Output

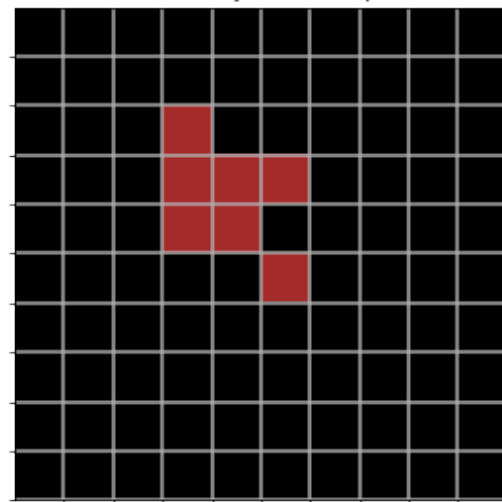


i = 15

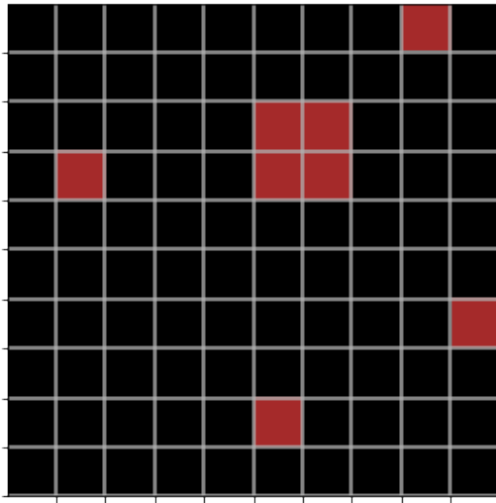
a48eeaf7.json Tr Input



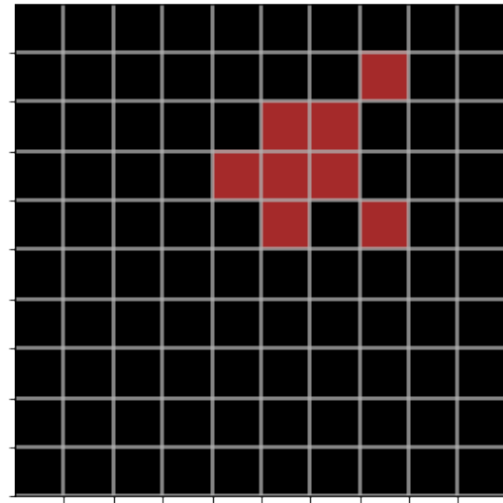
a48eeaf7.json Tr Output



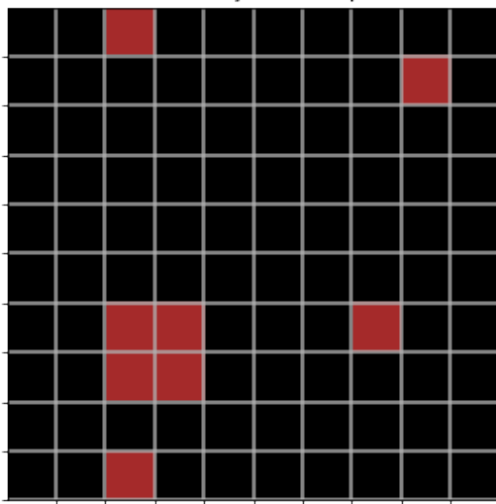
a48eeaf7.json Tr Input



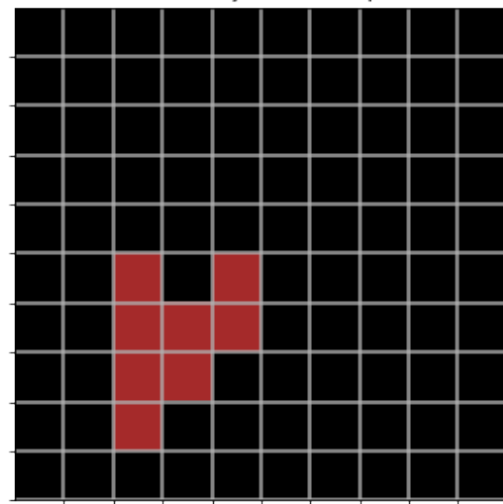
a48eeaf7.json Tr Output



a48eeaf7.json Te Input

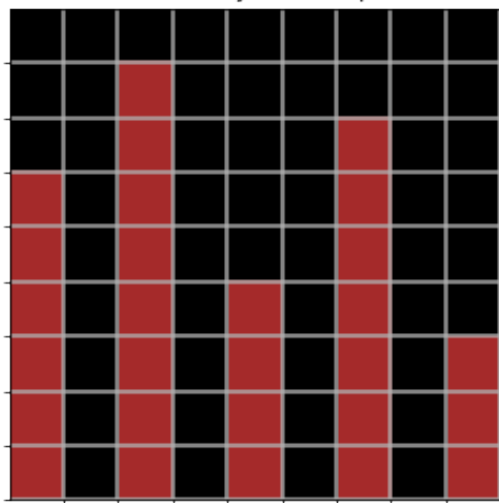


a48eeaf7.json Te Output

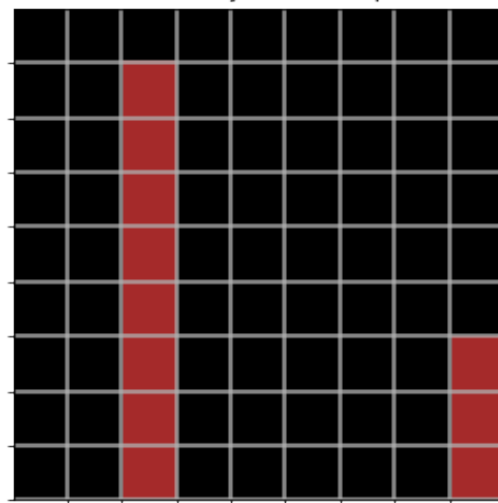


i = 16

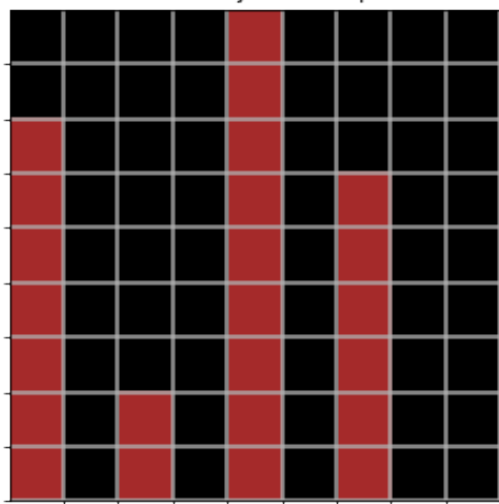
a61f2674.json Tr Input



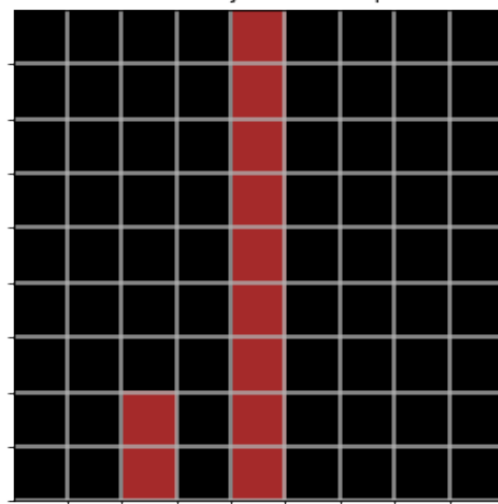
a61f2674.json Tr Output



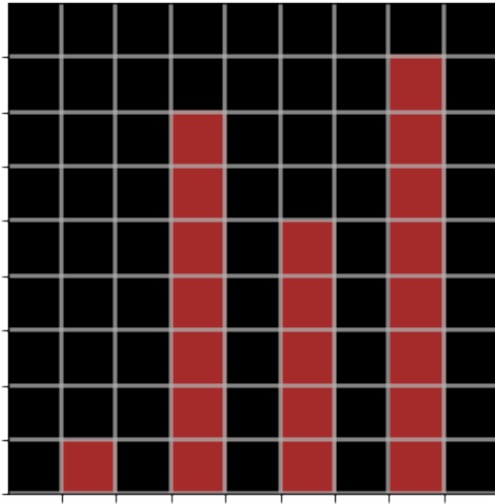
a61f2674.json Tr Input



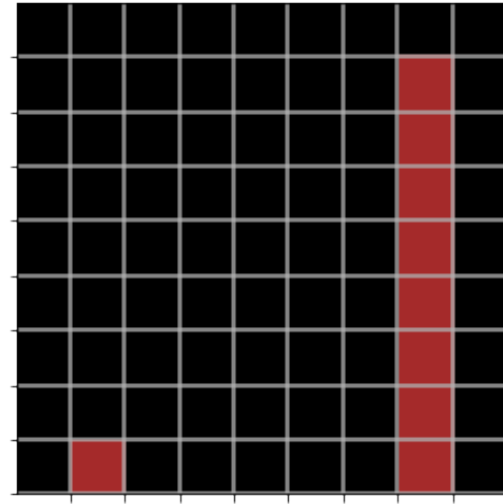
a61f2674.json Tr Output



a61f2674.json Te Input

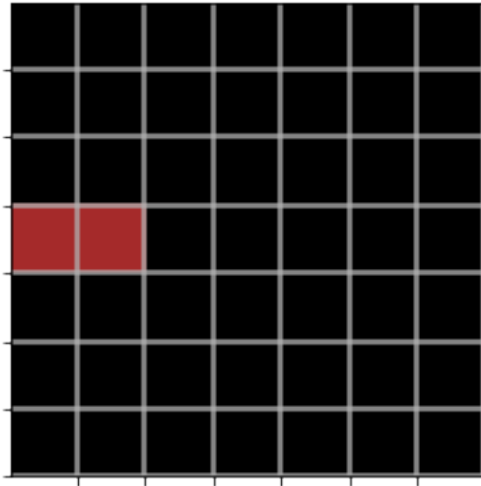


a61f2674.json Te Output

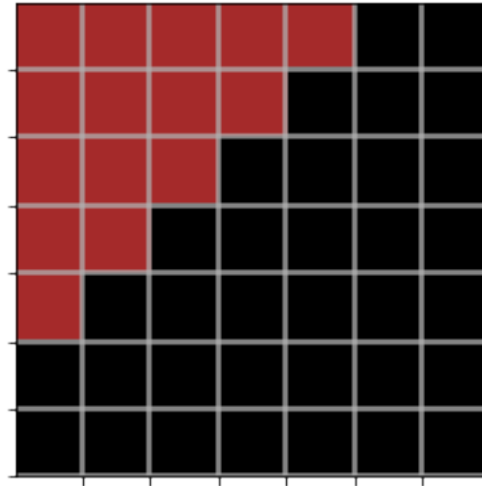


i = 17

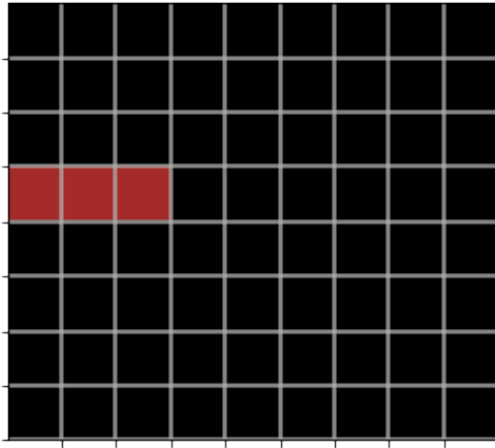
a65b410d.json Tr Input



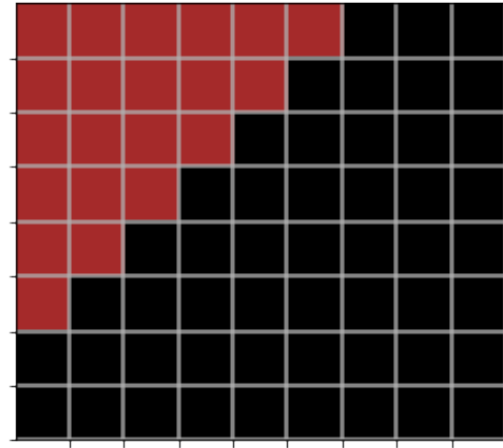
a65b410d.json Tr Output



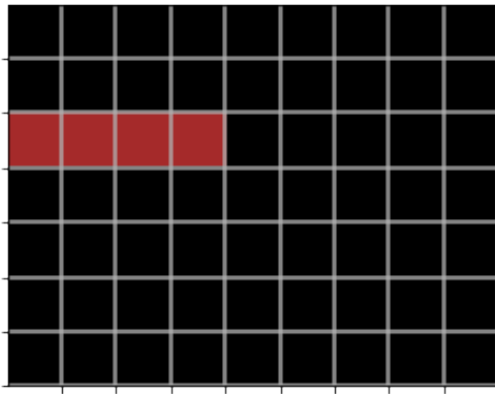
a65b410d.json Tr Input



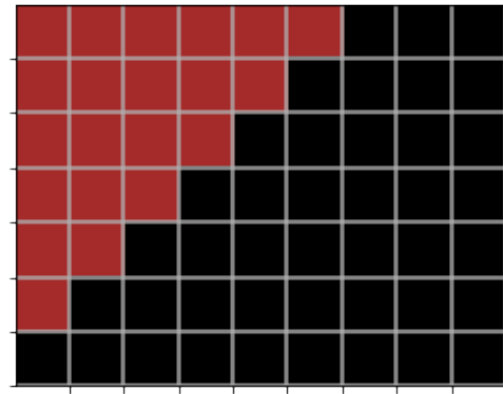
a65b410d.json Tr Output



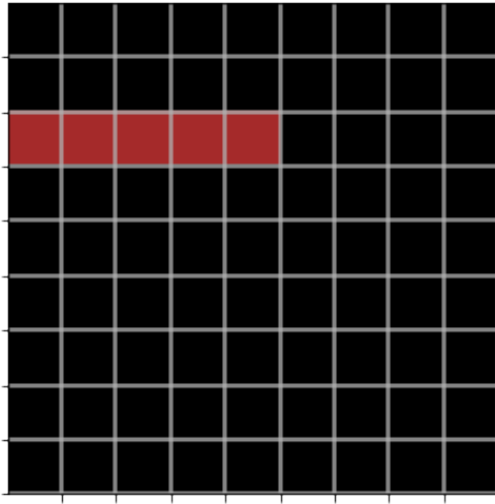
a65b410d.json Tr Input



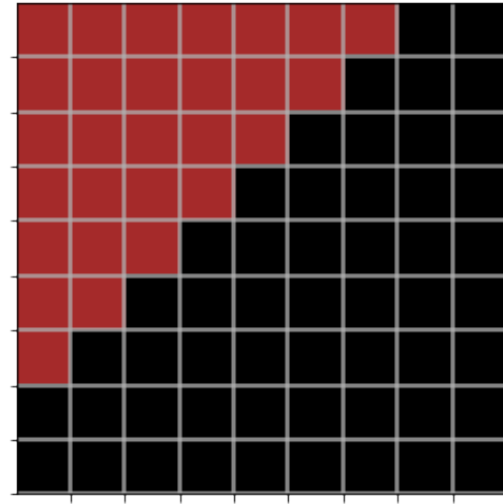
a65b410d.json Tr Output



a65b410d.json Te Input

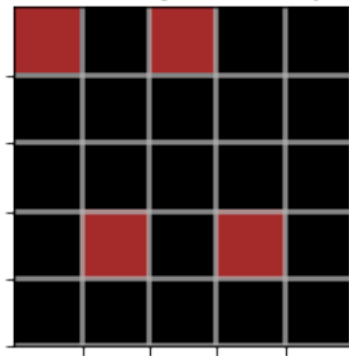


a65b410d.json Te Output



i = 18

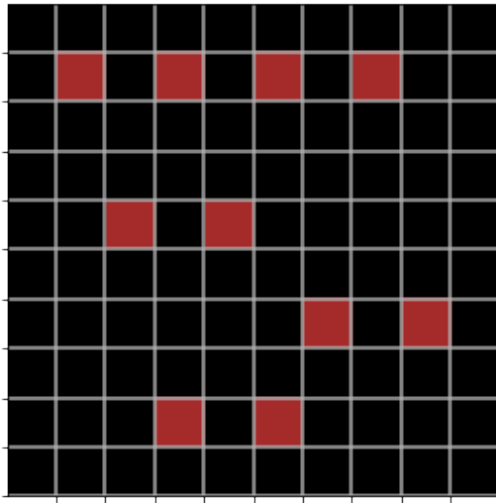
a699fb00.json Tr Input



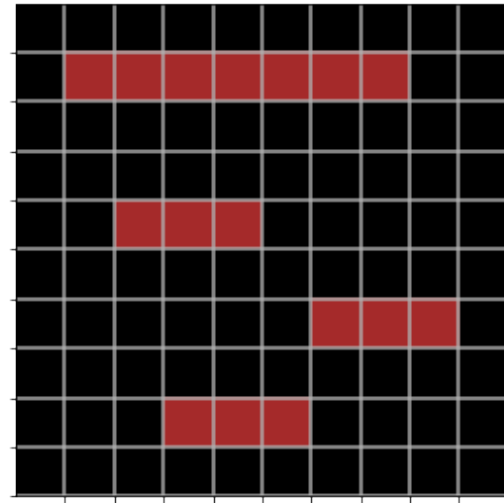
a699fb00.json Tr Output



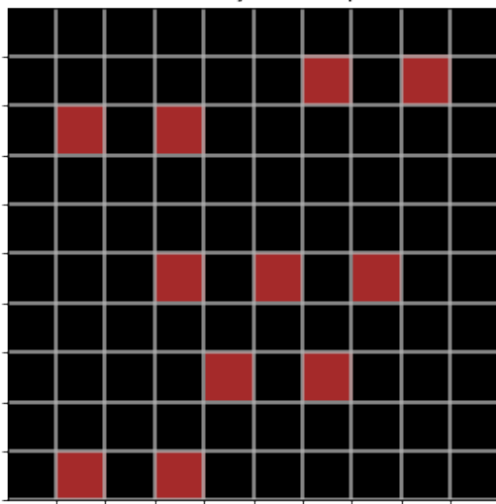
a699fb00.json Tr Input



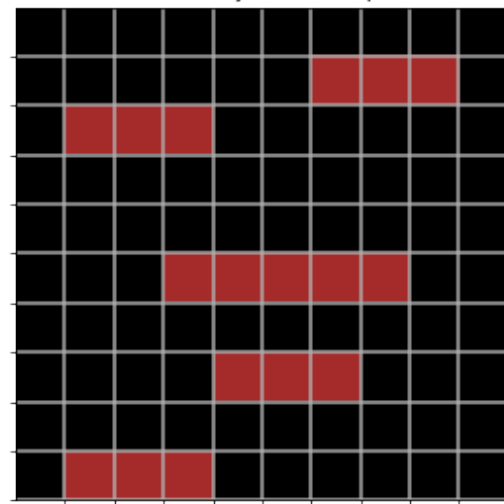
a699fb00.json Tr Output

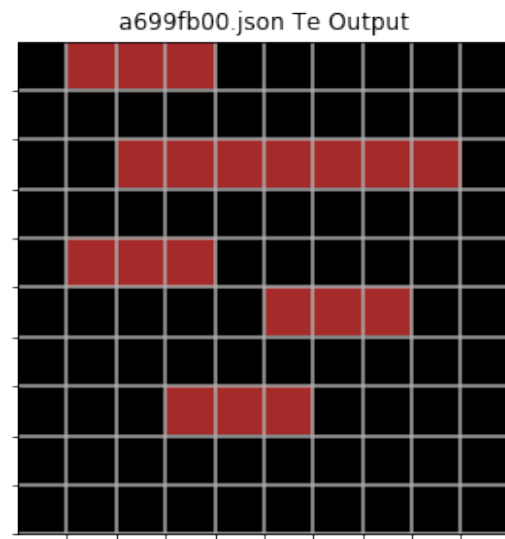
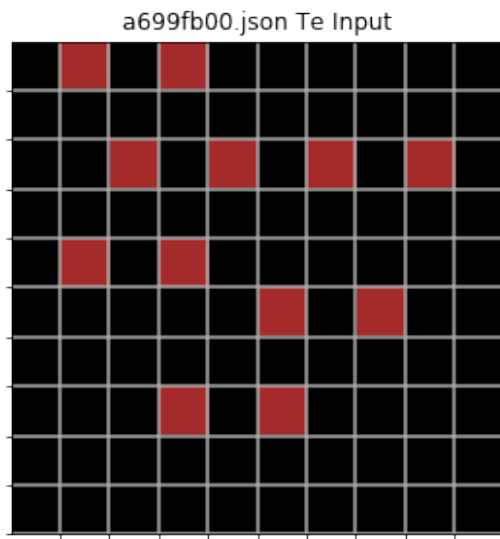


a699fb00.json Tr Input



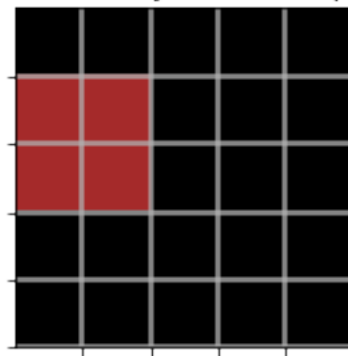
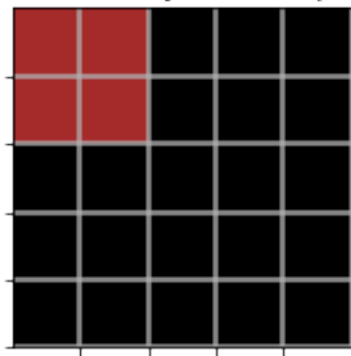
a699fb00.json Tr Output



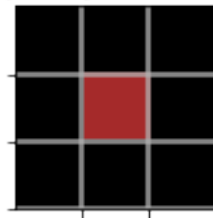


i = 19

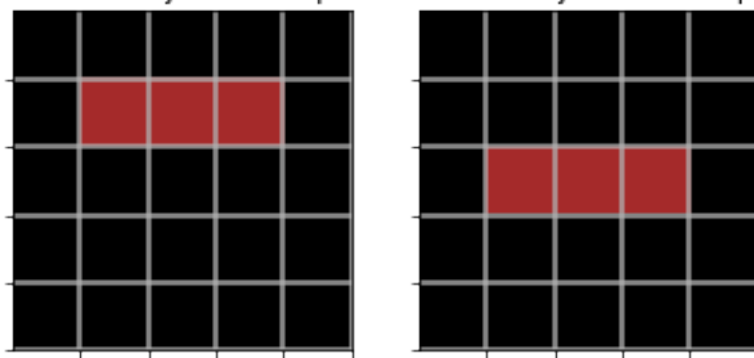
a79310a0.json Tr Input a79310a0.json Tr Output



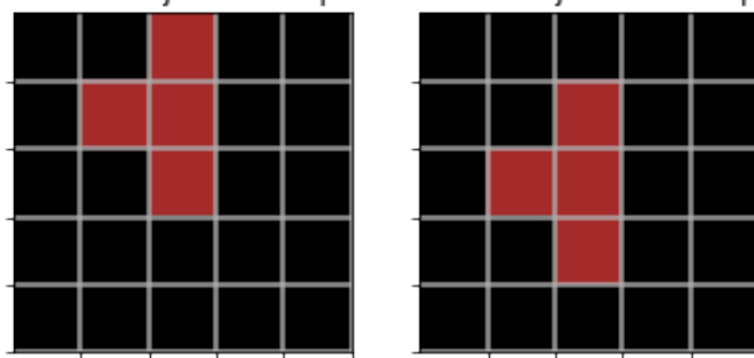
a79310a0.json Tr Input a79310a0.json Tr Output



a79310a0.json Tr Input a79310a0.json Tr Output

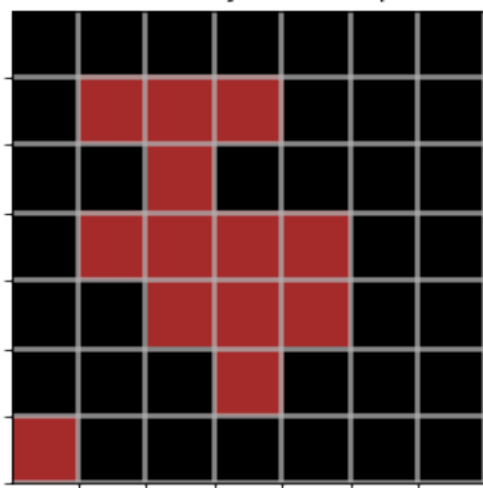


a79310a0.json Te Input a79310a0.json Te Output

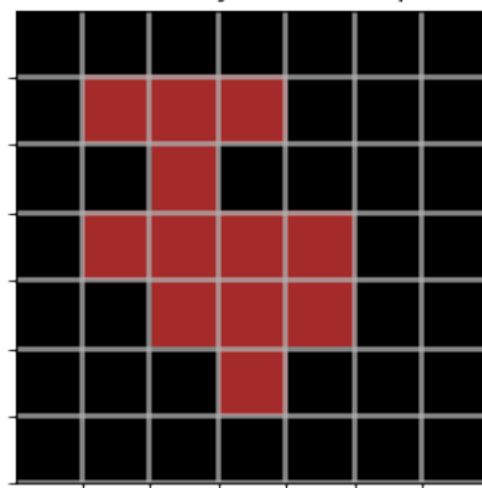


i = 20

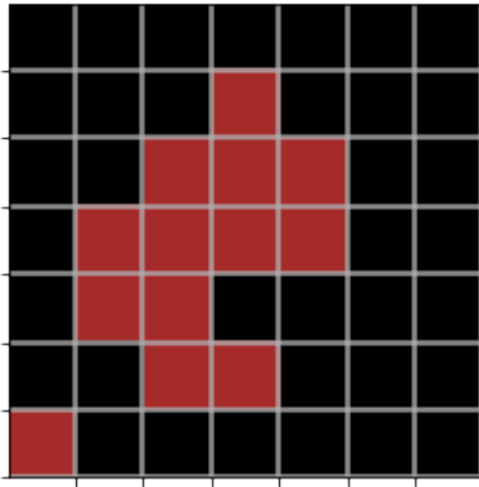
aabf363d.json Tr Input



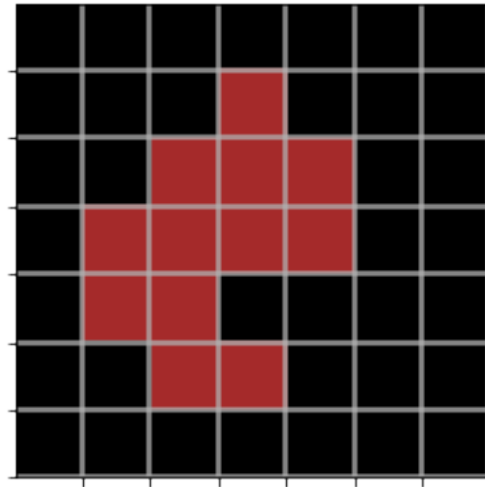
aabf363d.json Tr Output



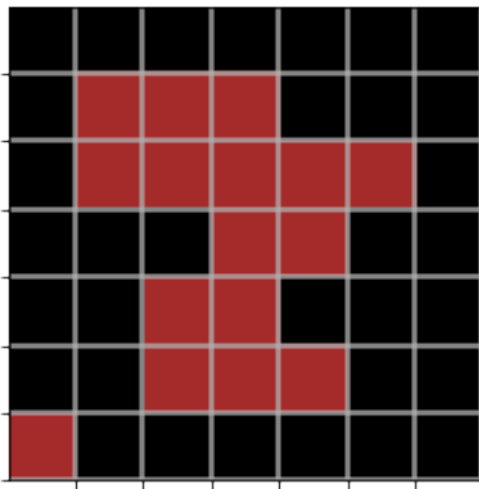
aabf363d.json Tr Input



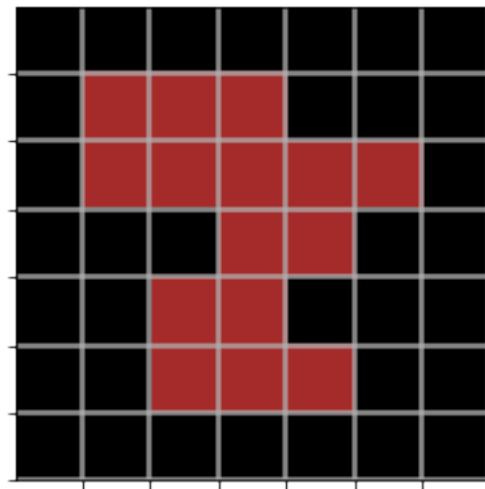
aabf363d.json Tr Output



aabf363d.json Te Input

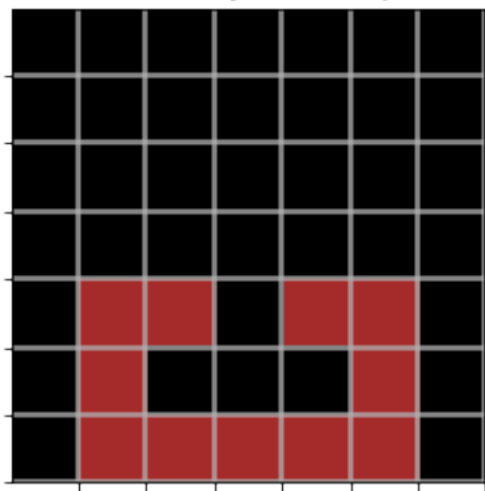


aabf363d.json Te Output

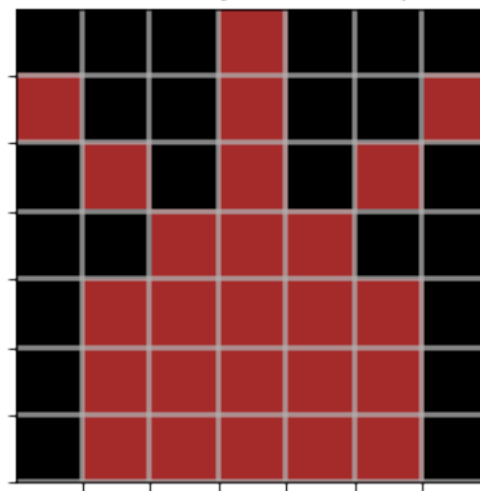


i = 21

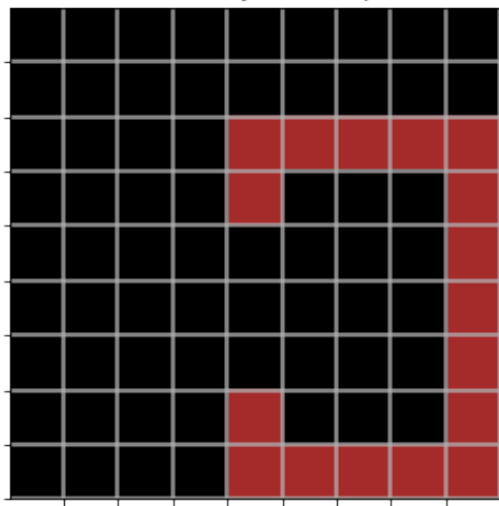
aba27056.json Tr Input



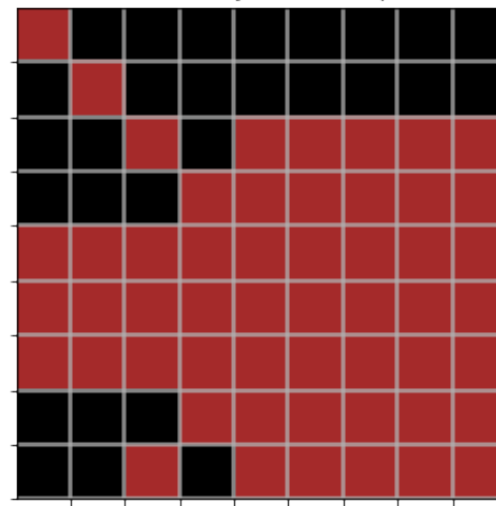
aba27056.json Tr Output



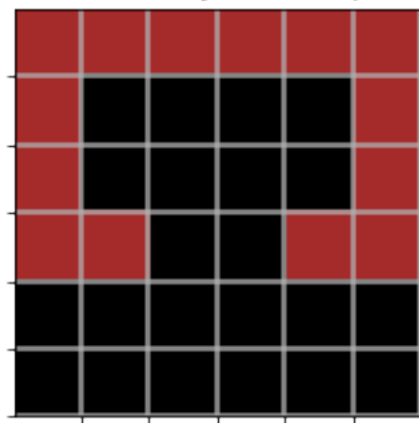
aba27056.json Tr Input



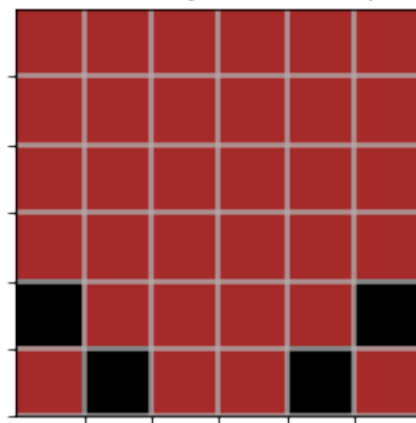
aba27056.json Tr Output



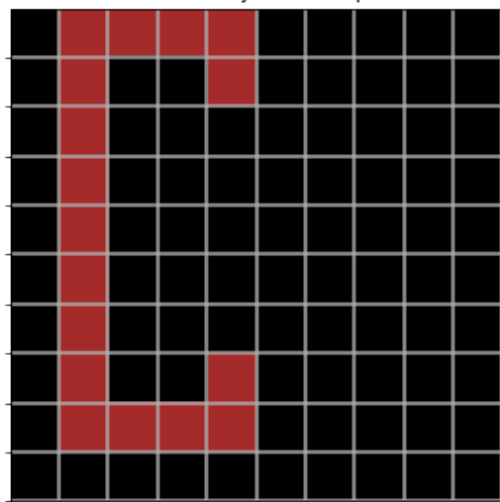
aba27056.json Tr Input



aba27056.json Tr Output



aba27056.json Te Input

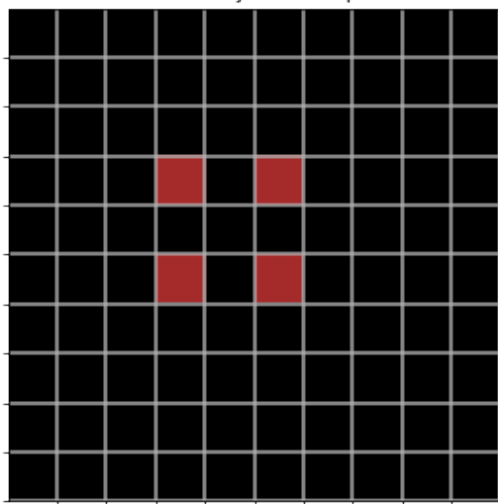


aba27056.json Te Output

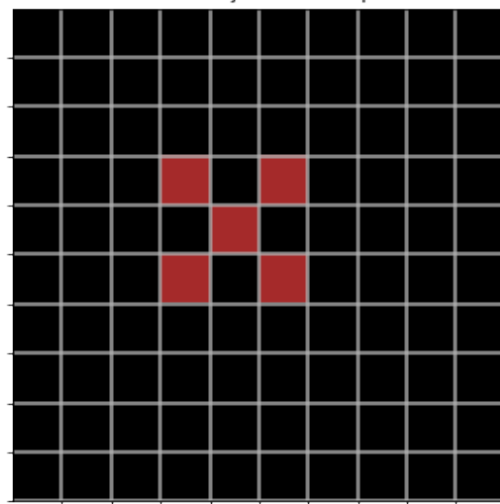


i = 22

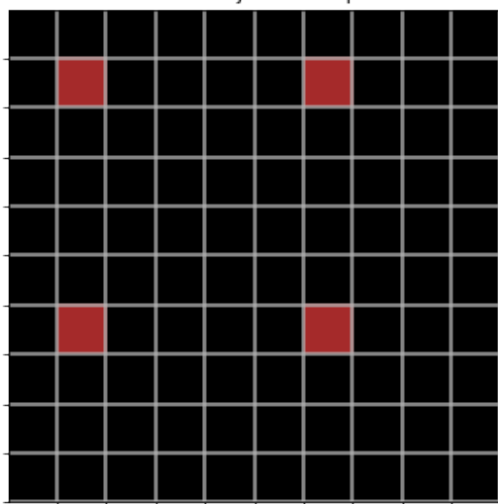
af902bf9.json Tr Input



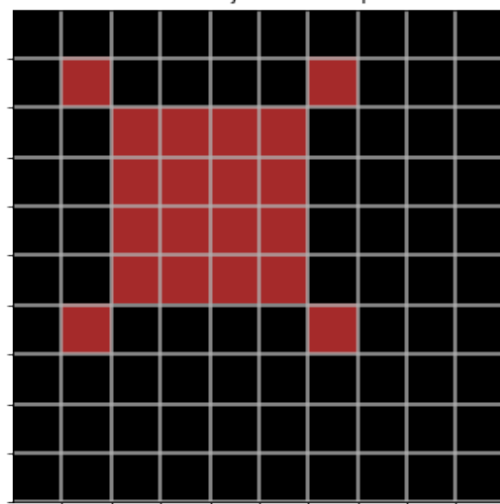
af902bf9.json Tr Output



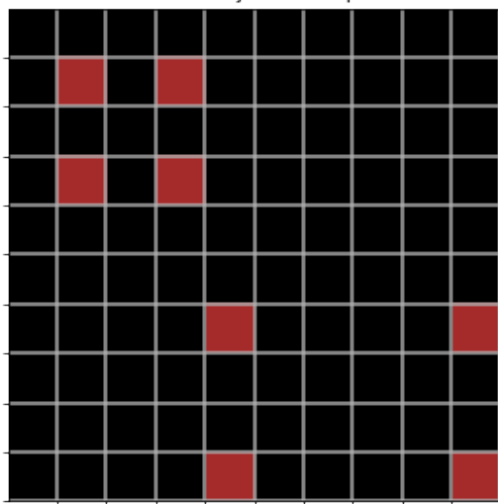
af902bf9.json Tr Input



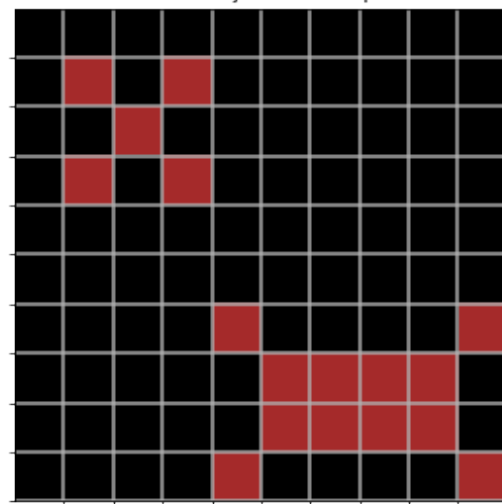
af902bf9.json Tr Output



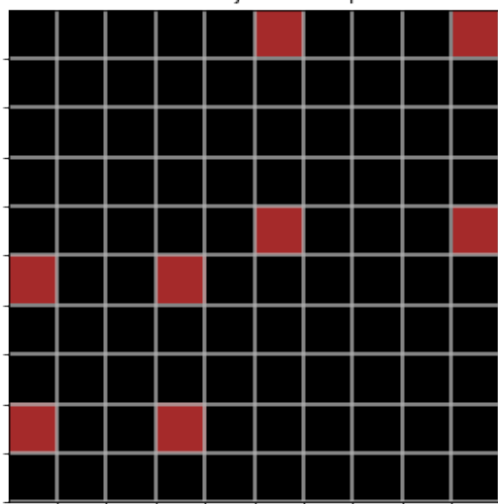
af902bf9.json Tr Input



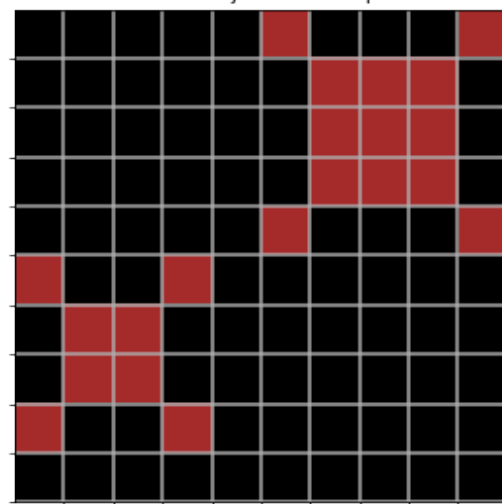
af902bf9.json Tr Output



af902bf9.json Te Input

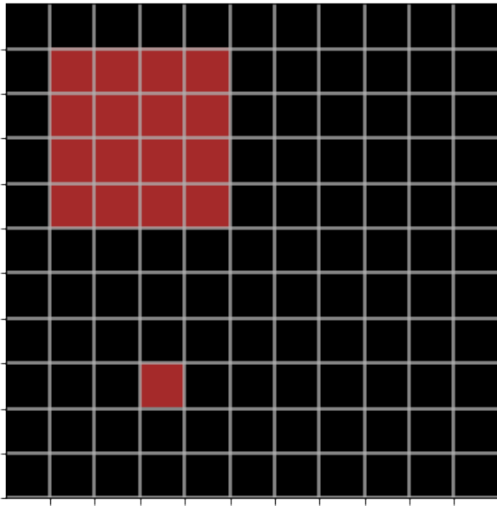


af902bf9.json Te Output

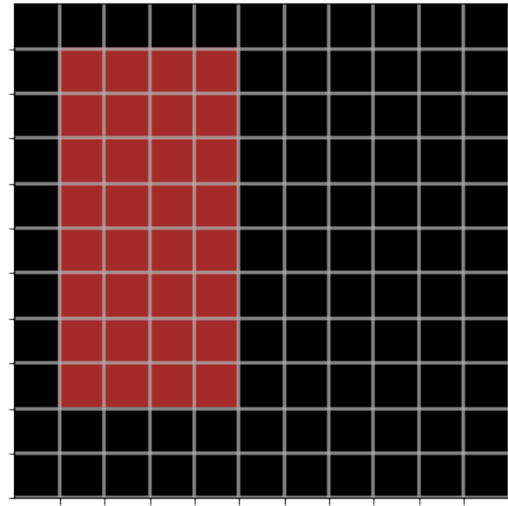


i = 23

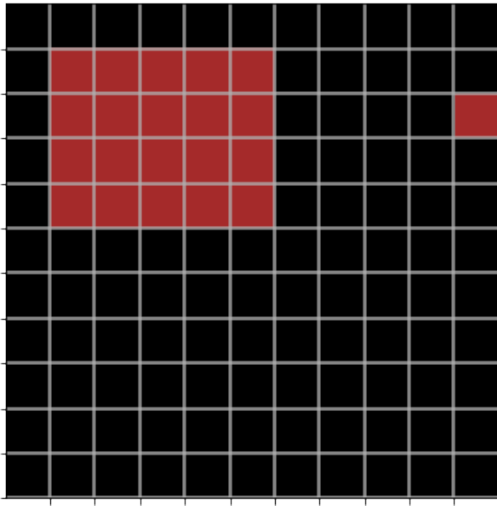
b548a754.json Tr Input



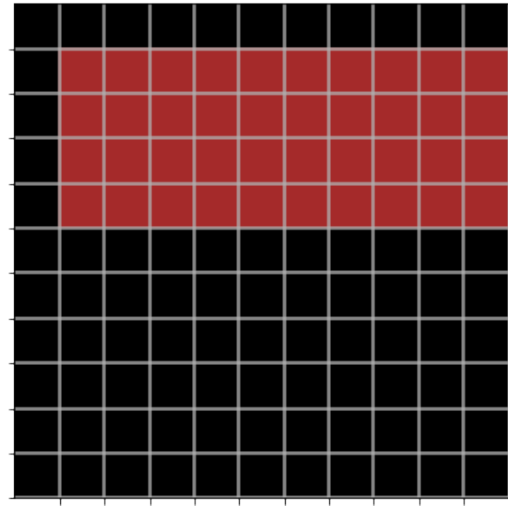
b548a754.json Tr Output



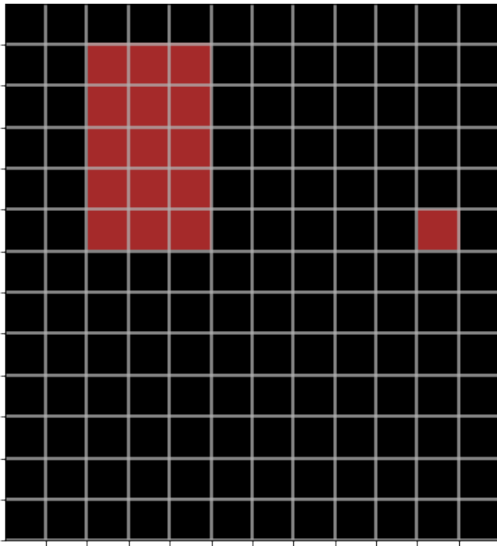
b548a754.json Tr Input



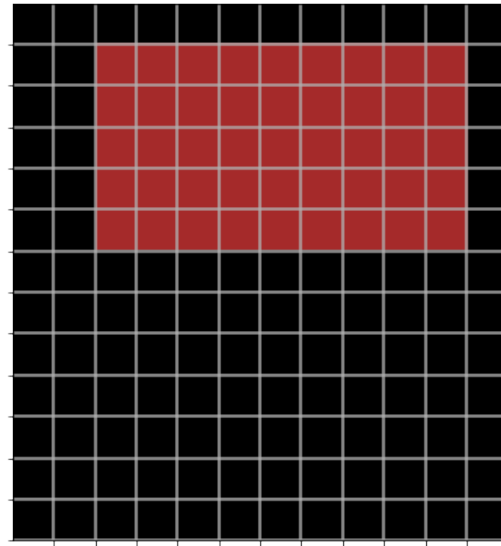
b548a754.json Tr Output



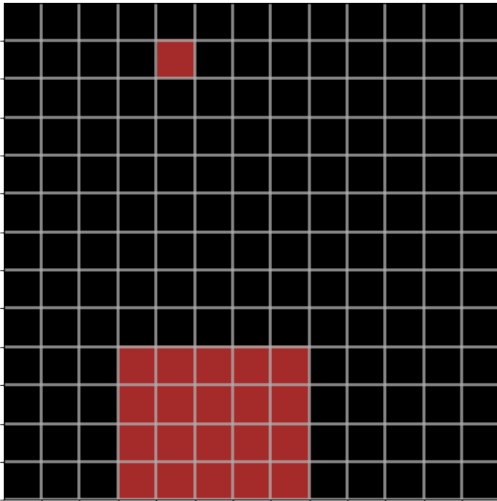
b548a754.json Tr Input



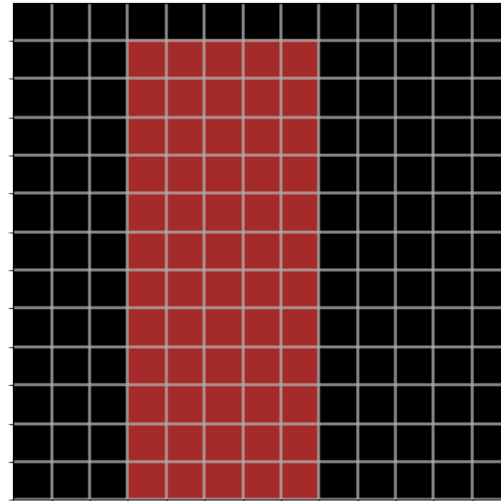
b548a754.json Tr Output



b548a754.json Te Input

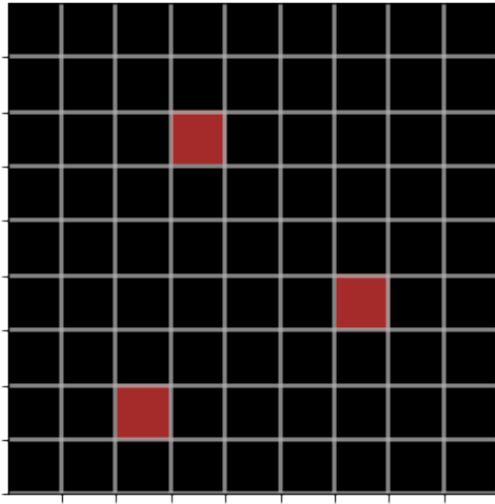


b548a754.json Te Output

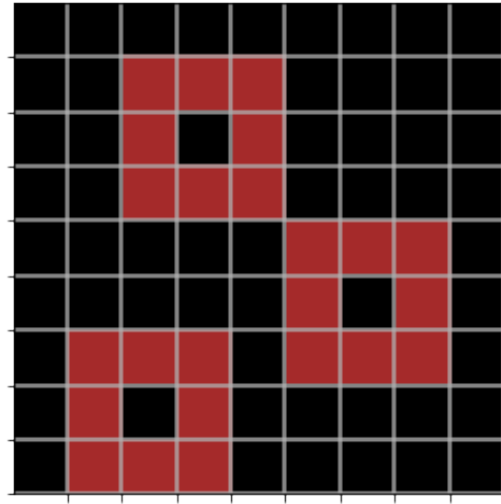


i = 24

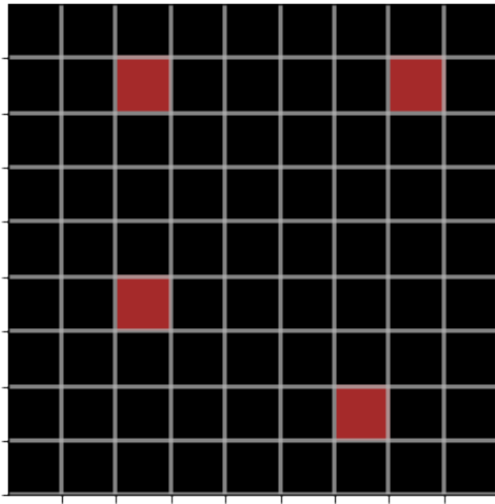
b60334d2.json Tr Input



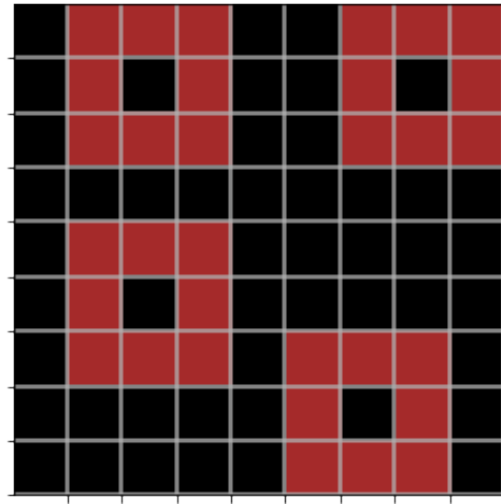
b60334d2.json Tr Output



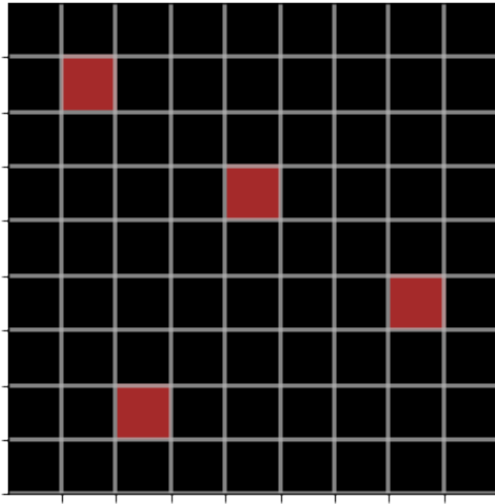
b60334d2.json Tr Input



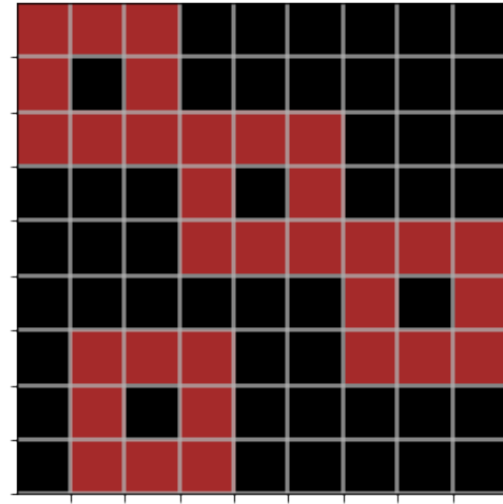
b60334d2.json Tr Output



b60334d2.json Te Input

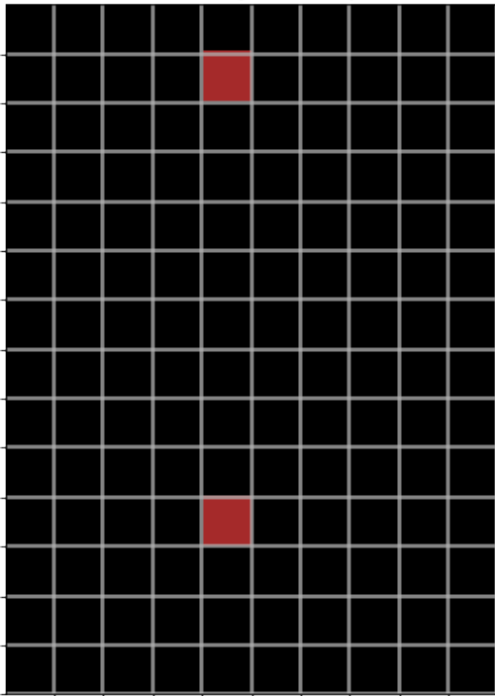


b60334d2.json Te Output

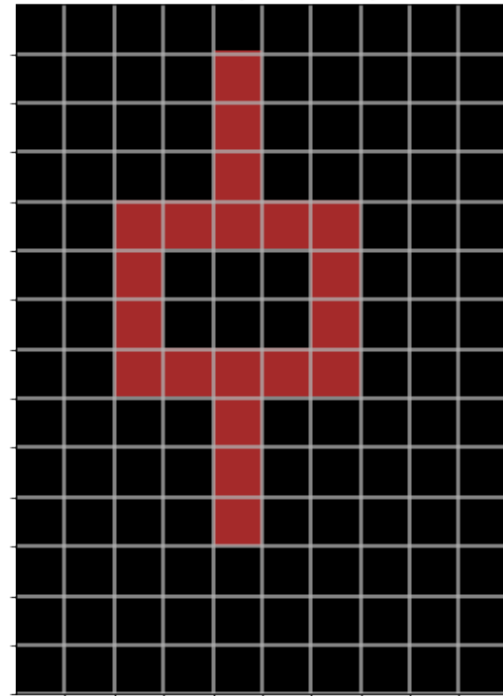


i = 25

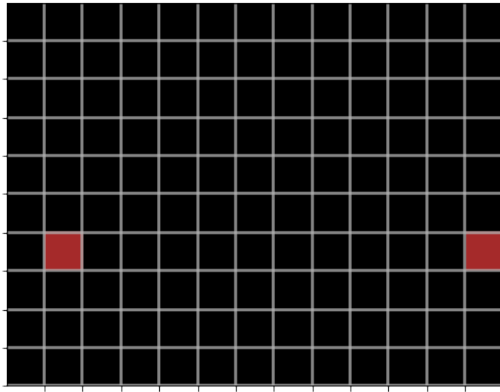
b7249182.json Tr Input



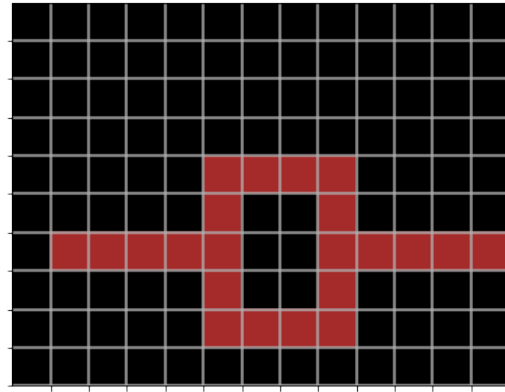
b7249182.json Tr Output



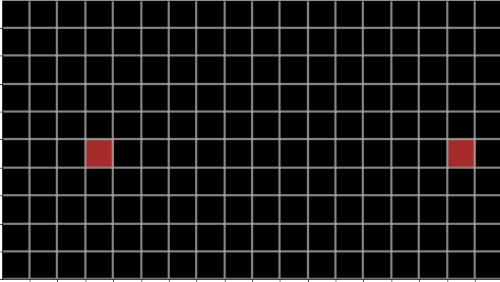
b7249182.json Tr Input



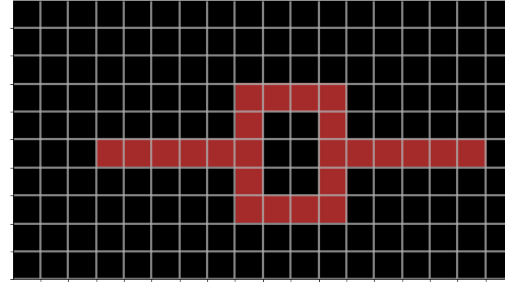
b7249182.json Tr Output



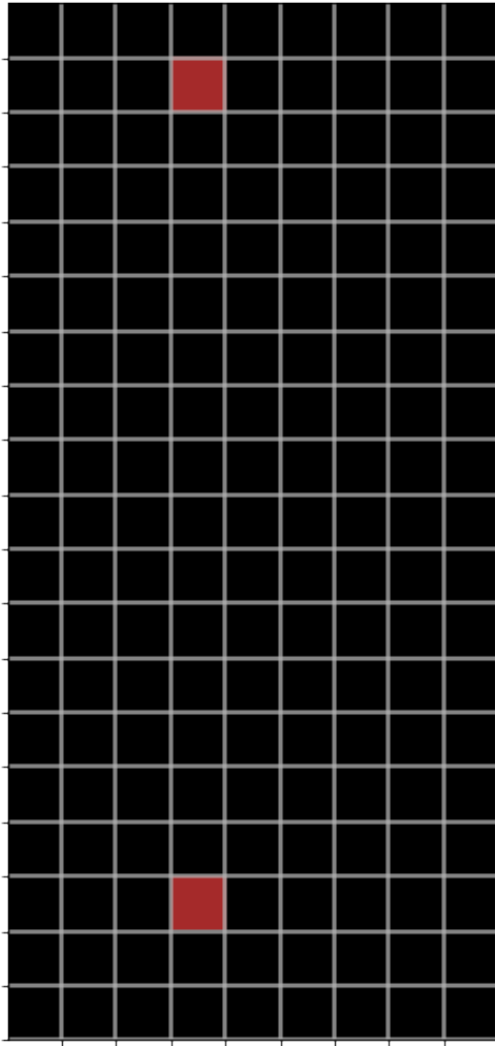
b7249182.json Tr Input



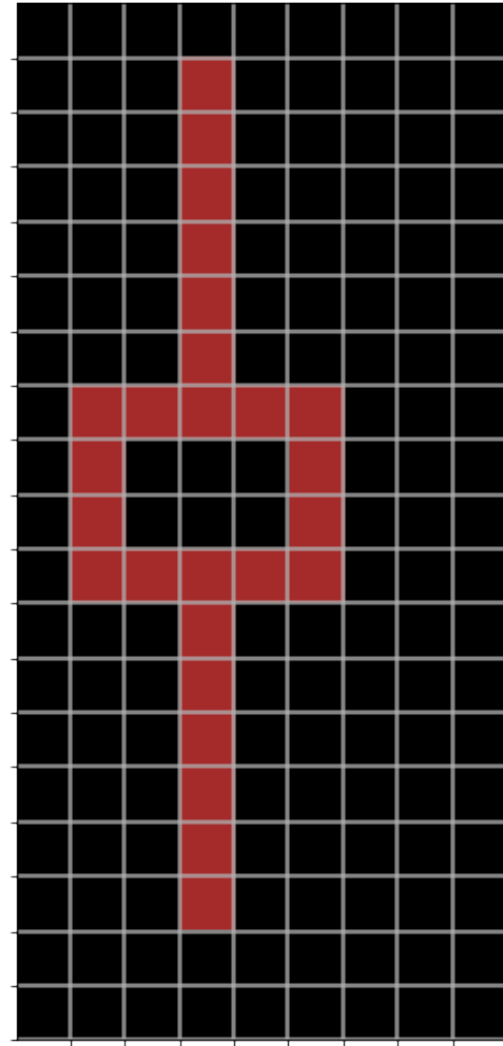
b7249182.json Tr Output



b7249182.json Te Input



b7249182.json Te Output



i = 26

b8cdf2b.json b8cdf2b.json Tr Output



pub.json Tr Output



b8cdaf2b.json Tr Input



b8cdaf2b.json Tr Output



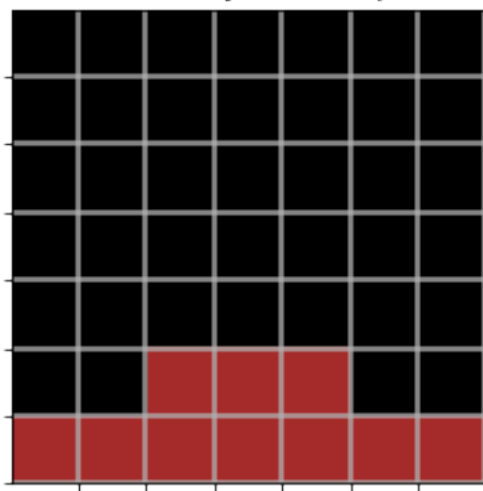
b8cdaf2b.json Tr Input



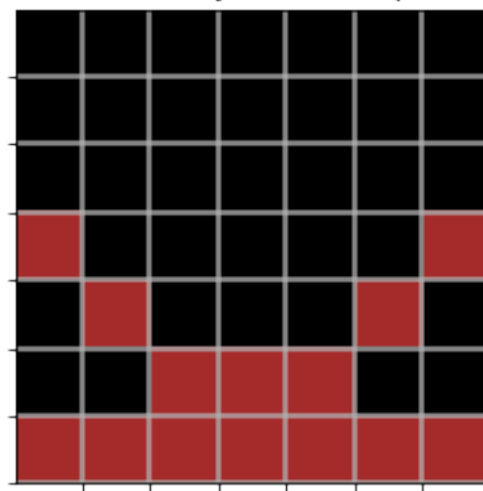
b8cdaf2b.json Tr Output



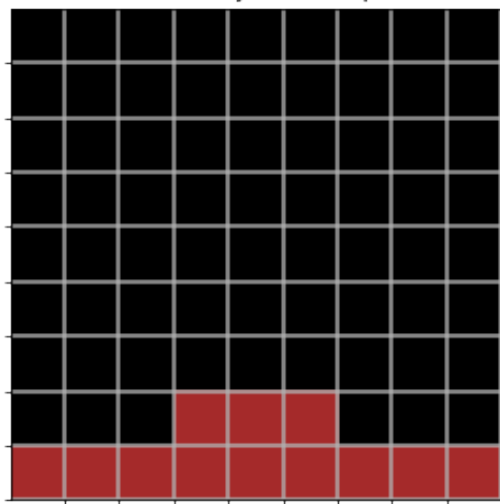
b8cdaf2b.json Tr Input



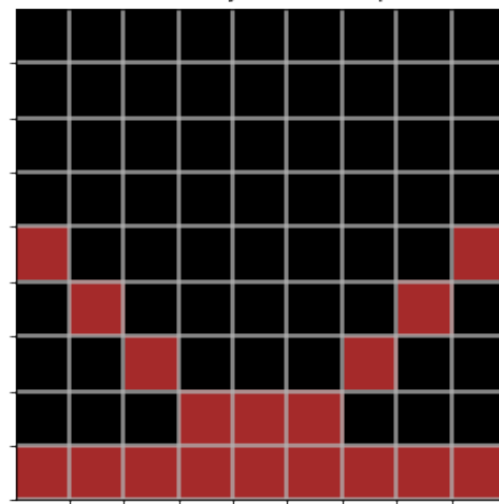
b8cdaf2b.json Tr Output



b8cdaf2b.json Te Input

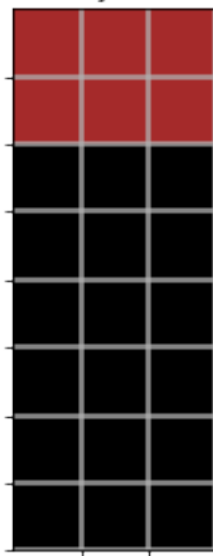


b8cdaf2b.json Te Output

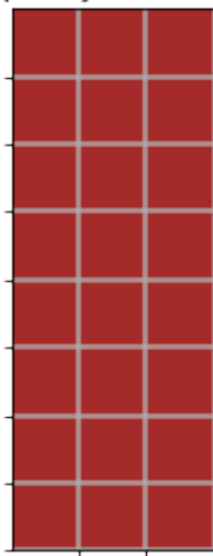


i = 27

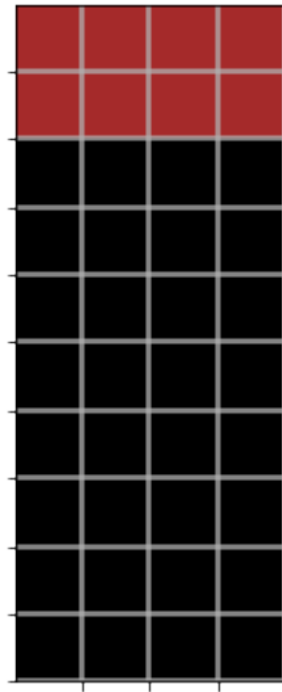
bd4472b8.json Tr Input



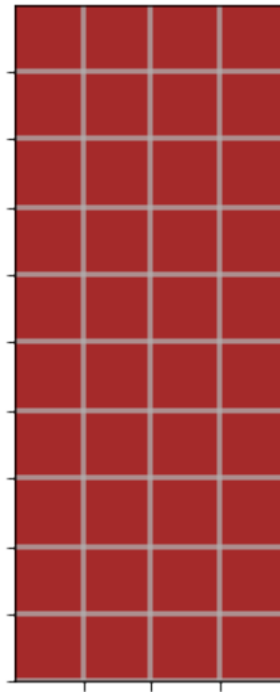
bd4472b8.json Tr Output



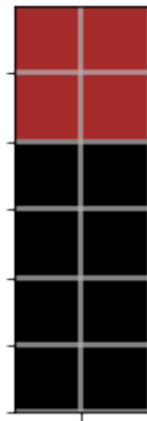
bd4472b8.json Tr Input



bd4472b8.json Tr Output



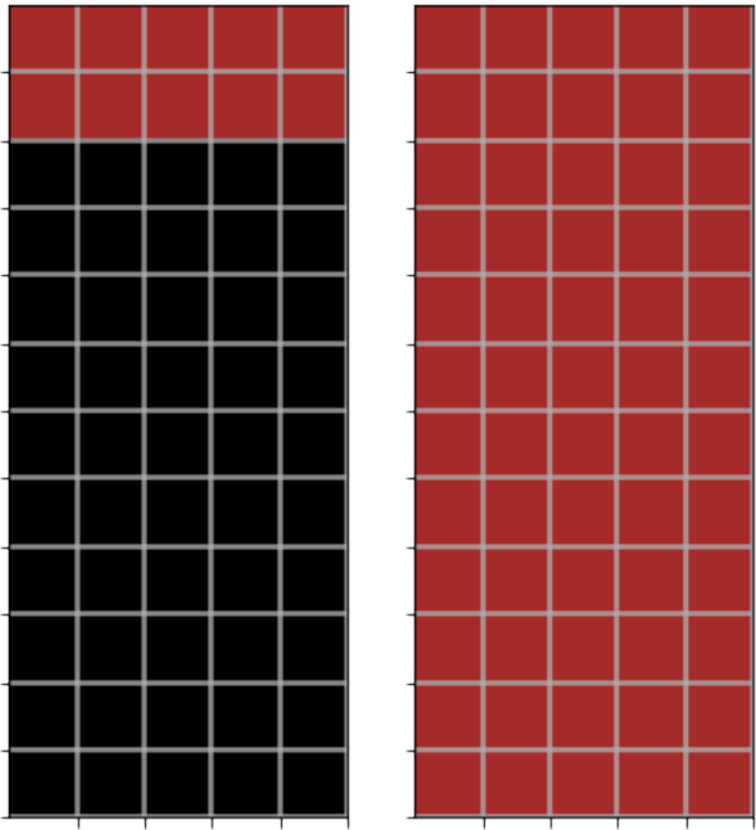
bd4472b8.json Tr Input



bd4472b8.json Tr Output



bd4472b8.json Te Input bd4472b8.json Te Output



i = 28

bdad9b1f.json Tr Input



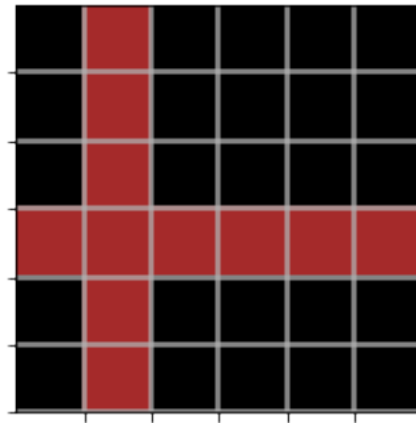
bdad9b1f.json Tr Output



bdad9b1f.json Tr Input



bdad9b1f.json Tr Output



bdad9b1f.json Te Input



bdad9b1f.json Te Output

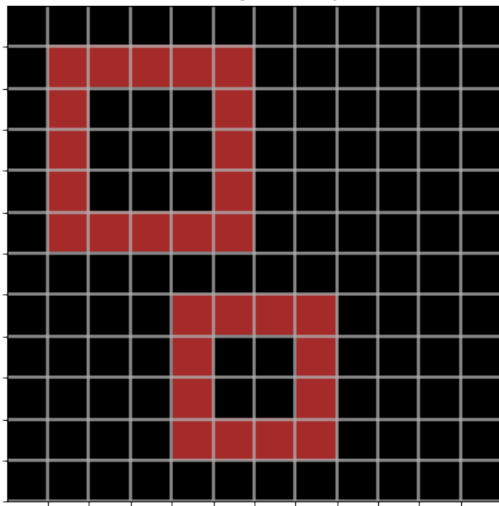


i = 29

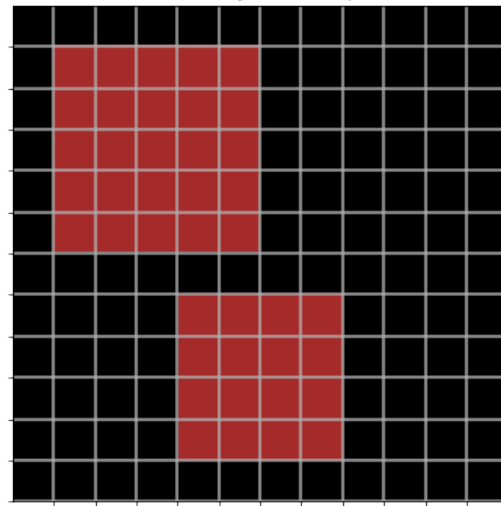
A 10x10 grid with red squares forming a pattern. The pattern consists of a 3x3 square at (row, col) (1,2) to (3,4), a 4x4 square at (1,5) to (4,8), and a 3x3 square at (5,5) to (7,8).

A 10x10 grid with a black background and a light gray grid. Red squares are located at the following coordinates (row, column): (0,0), (0,1), (0,2), (0,3), (0,4), (1,0), (1,1), (1,2), (1,3), (1,4), (2,0), (2,1), (2,2), (2,3), (2,4), (3,0), (3,1), (3,2), (3,3), (3,4), (4,0), (4,1), (4,2), (4,3), (4,4), (6,0), (6,1), (6,2), (6,3), (6,4), (6,5), (6,6), (6,7), (6,8), (6,9), (7,0), (7,1), (7,2), (7,3), (7,4), (7,5), (7,6), (7,7), (7,8), (7,9), (8,0), (8,1), (8,2), (8,3), (8,4), (8,5), (8,6), (8,7), (8,8), (8,9), (9,0), (9,1), (9,2), (9,3), (9,4), (9,5), (9,6), (9,7), (9,8), (9,9).

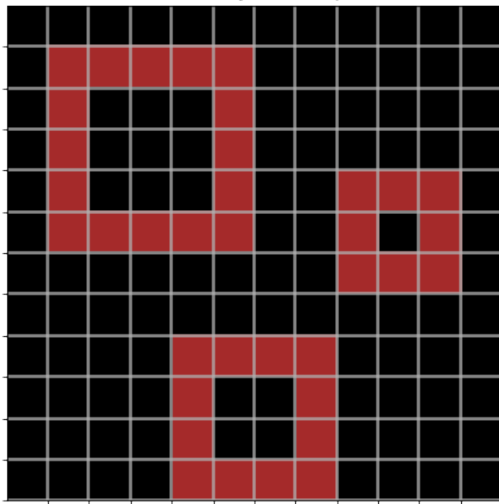
c0f76784.json Tr Input



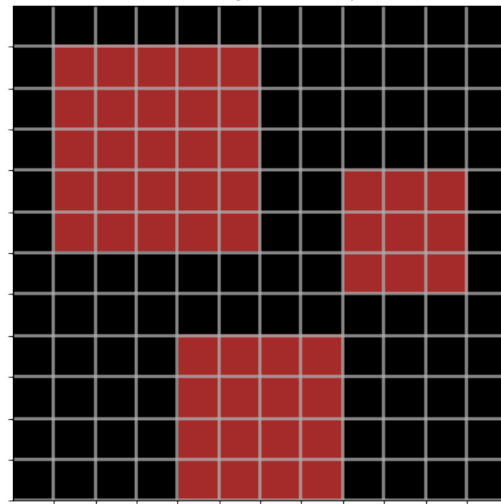
c0f76784.json Tr Output



c0f76784.json Te Input

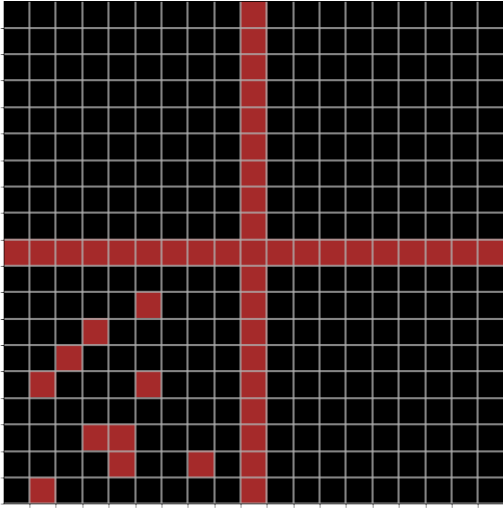


c0f76784.json Te Output

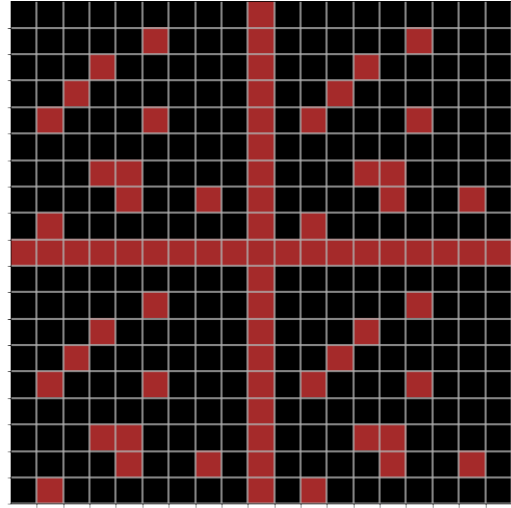


i = 30

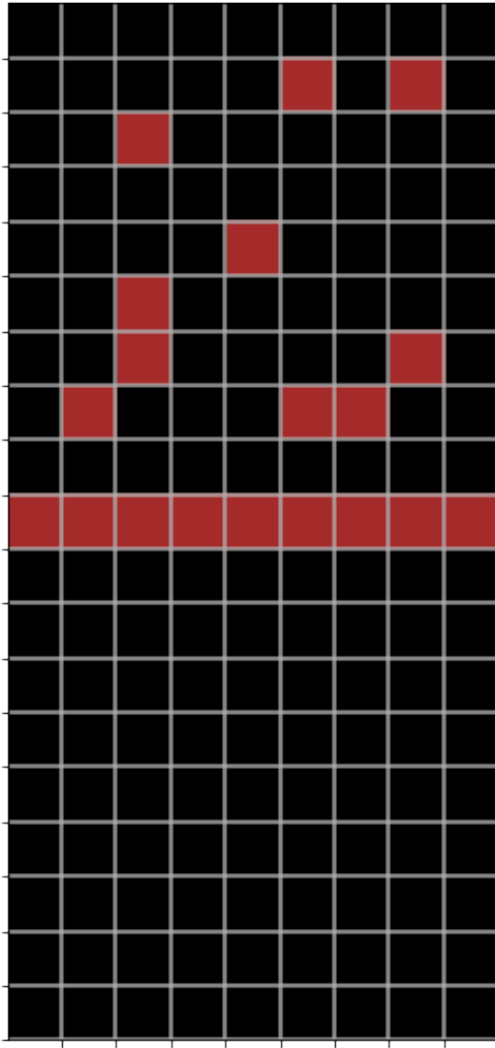
c444b776 json Tr Input



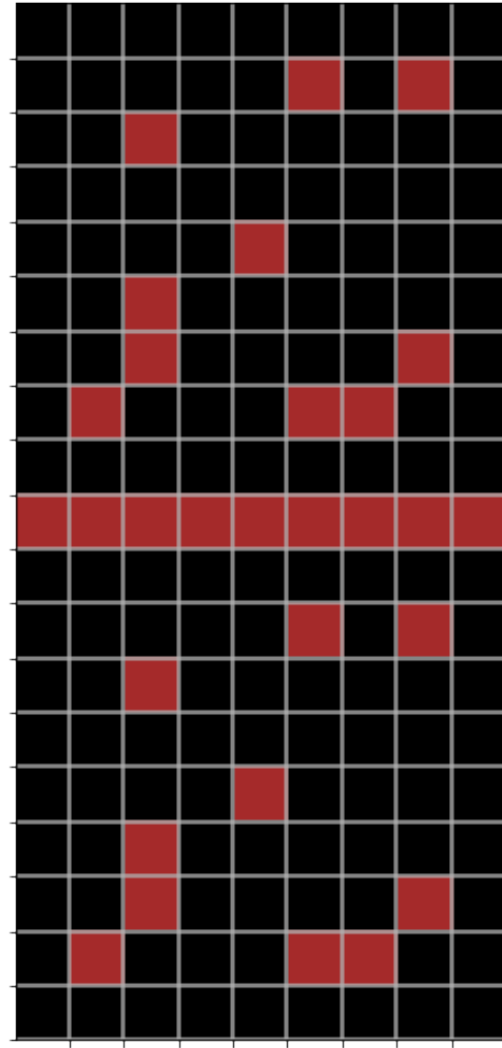
c444b776 json Tr Output



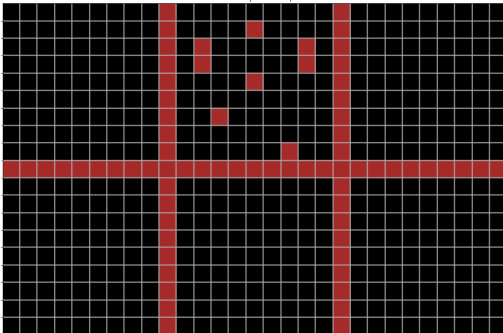
c444b776.json Tr Input



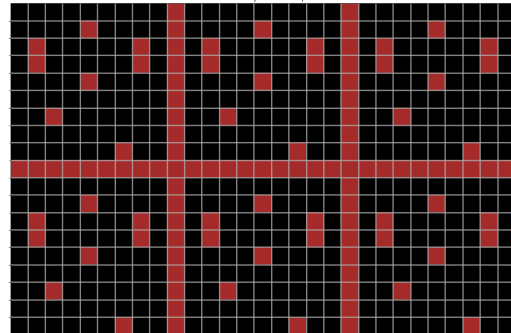
c444b776.json Tr Output



c444b776.json Te Input

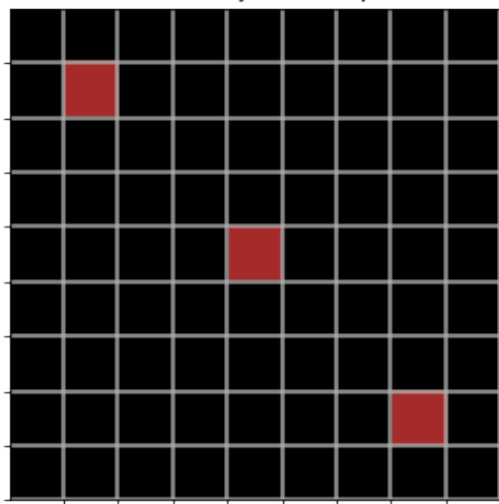


c444b776.json Te Output

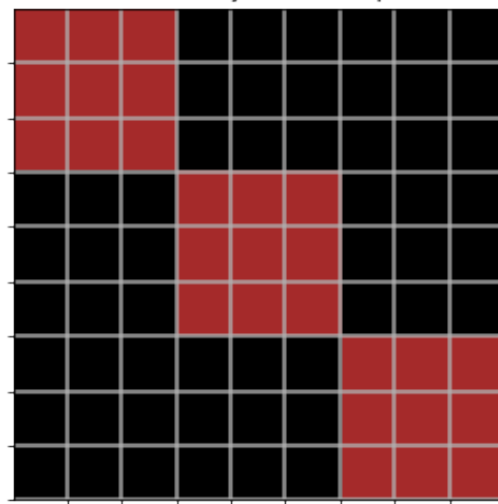


i = 31

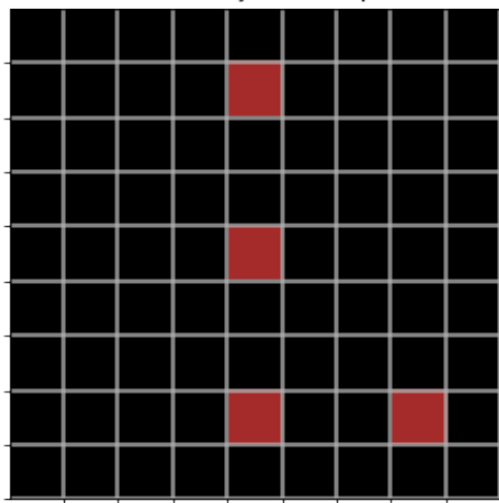
ce22a75a.json Tr Input



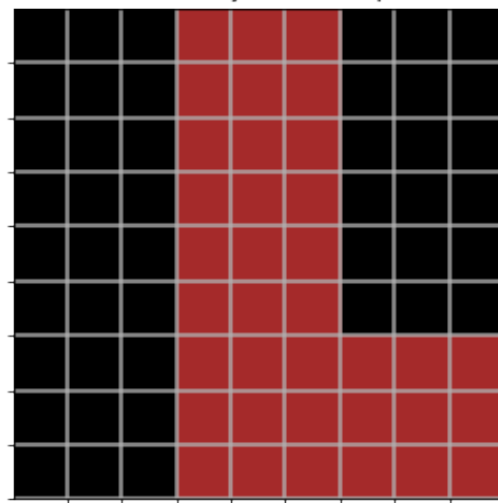
ce22a75a.json Tr Output



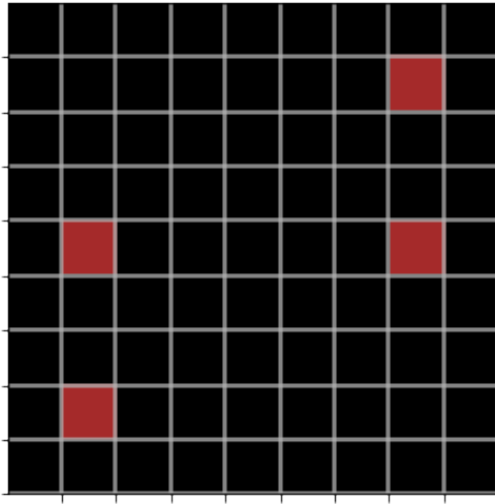
ce22a75a.json Tr Input



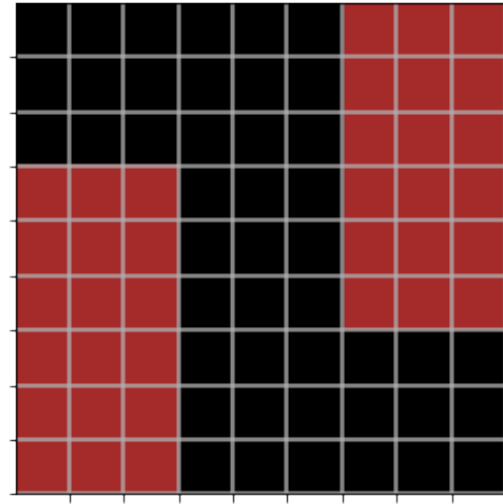
ce22a75a.json Tr Output



ce22a75a.json Te Input

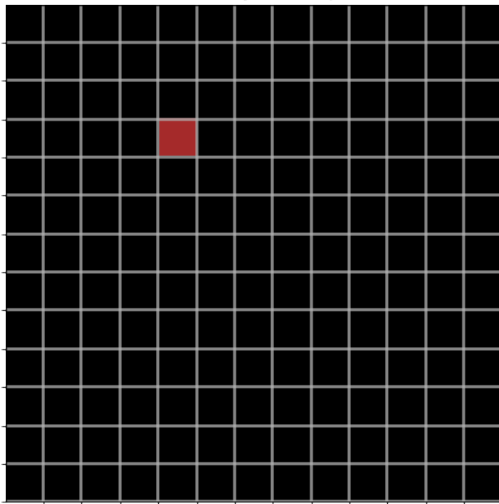


ce22a75a.json Te Output

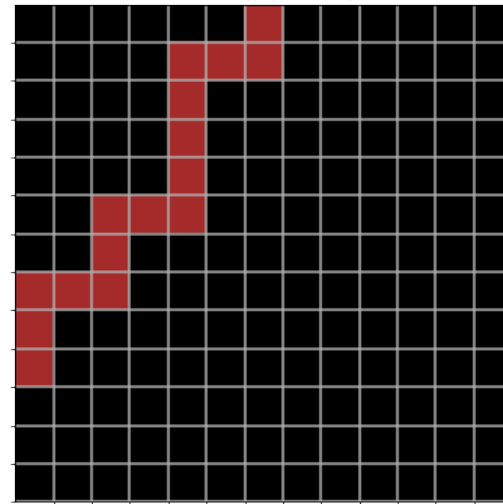


i = 32

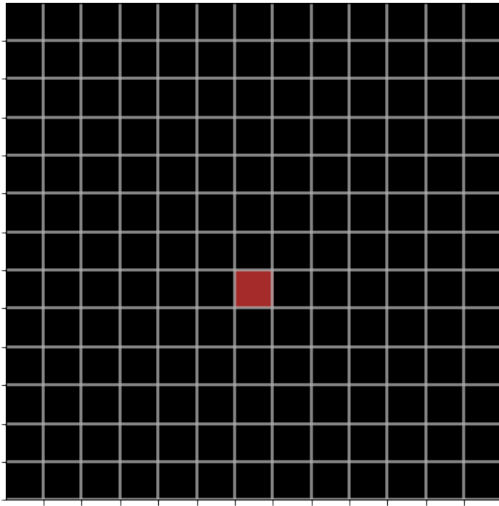
d06dbe63.json Tr Input



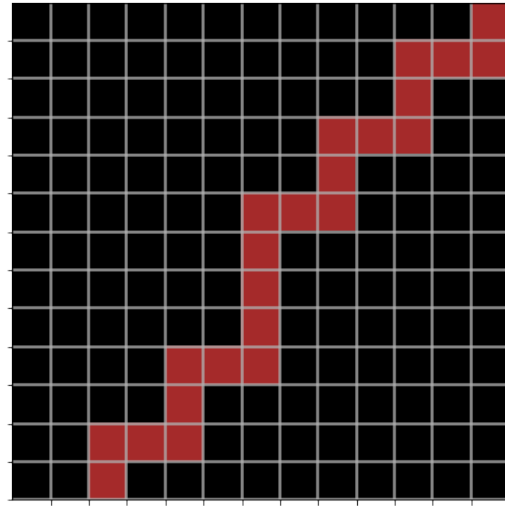
d06dbe63.json Tr Output



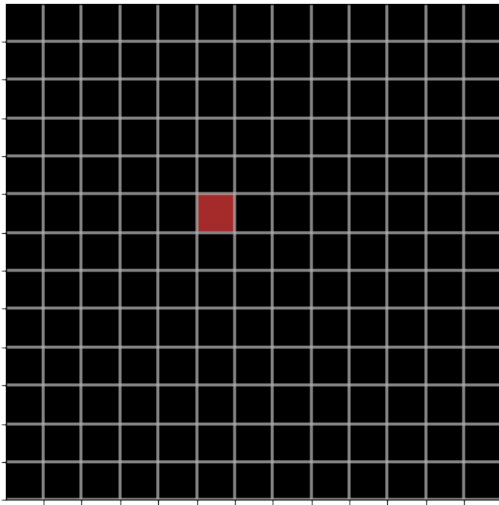
d06dbe63.json Tr Input



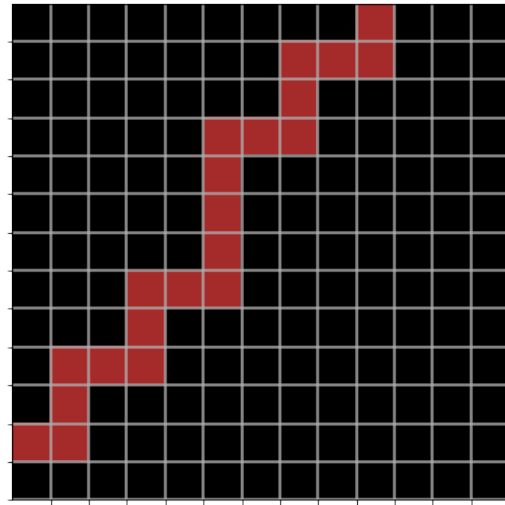
d06dbe63.json Tr Output



d06dbe63.json Te Input

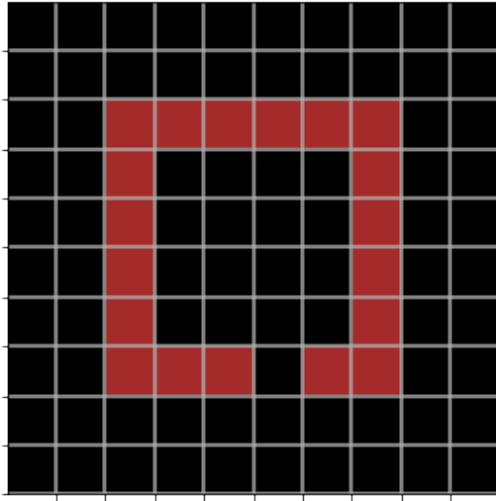


d06dbe63.json Te Output

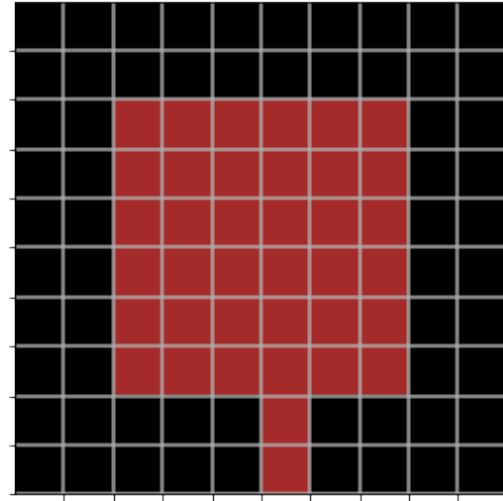


i = 33

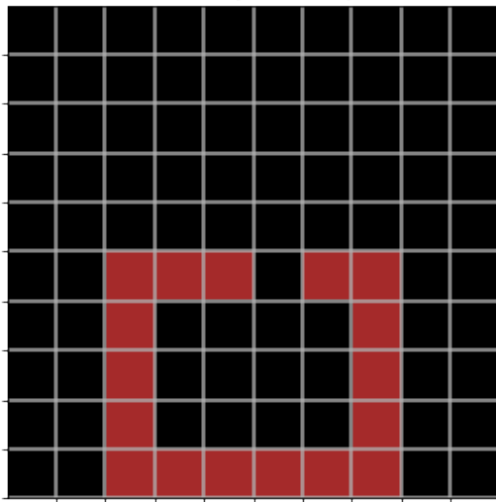
d4f3cd78.json Tr Input



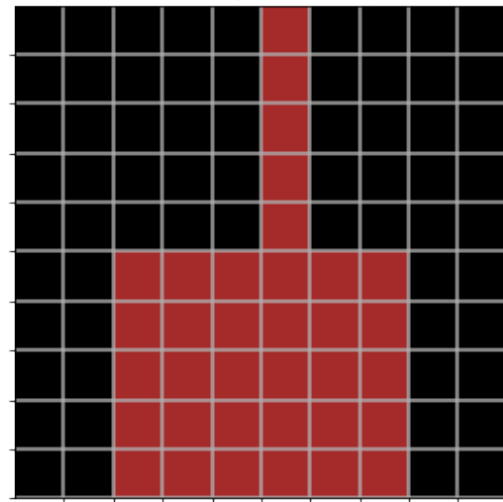
d4f3cd78.json Tr Output



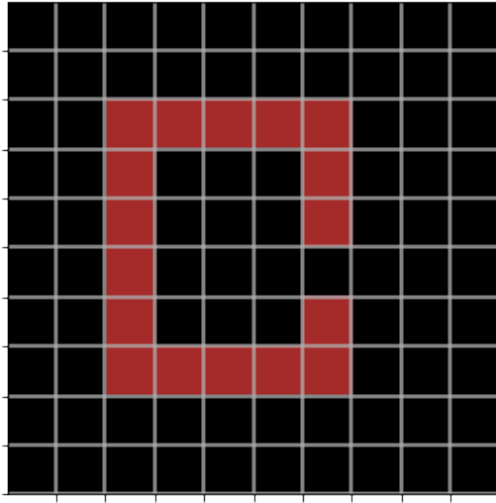
d4f3cd78.json Tr Input



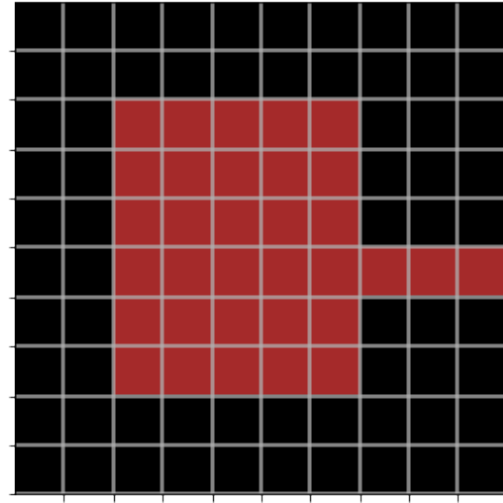
d4f3cd78.json Tr Output



d4f3cd78.json Te Input

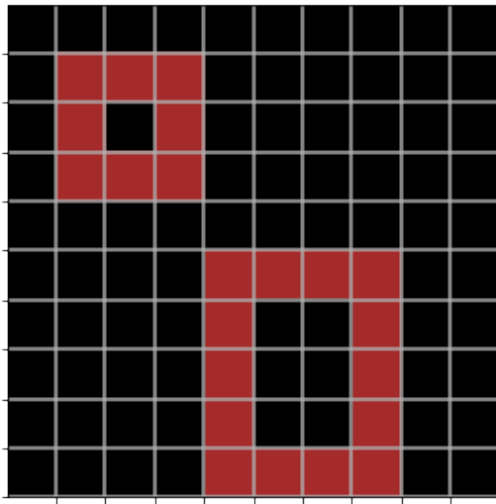


d4f3cd78.json Te Output

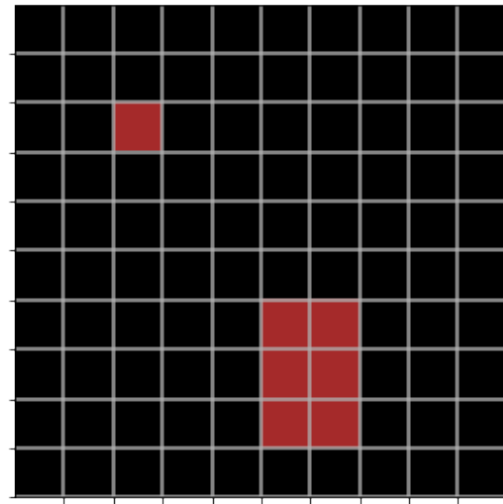


i = 34

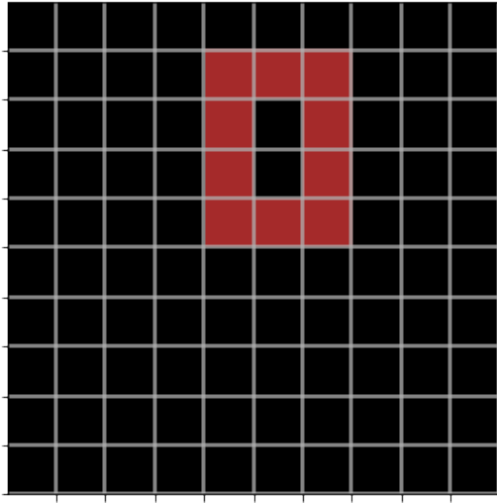
d5d6de2d.json Tr Input



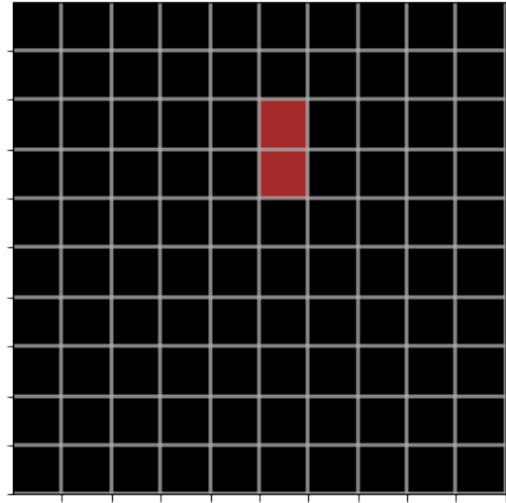
d5d6de2d.json Tr Output



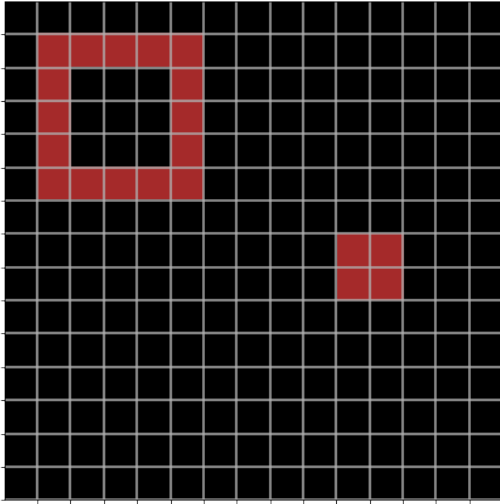
d5d6de2d.json Tr Input



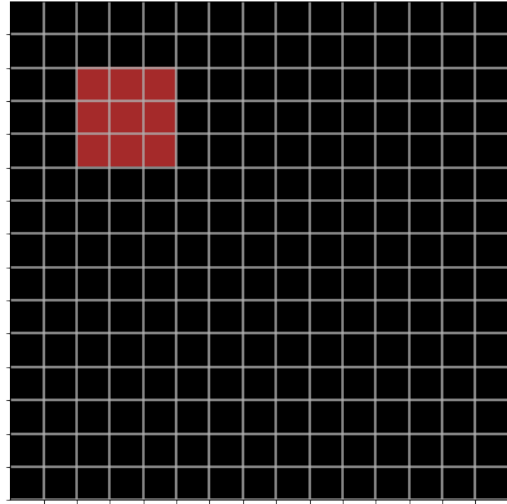
d5d6de2d.json Tr Output



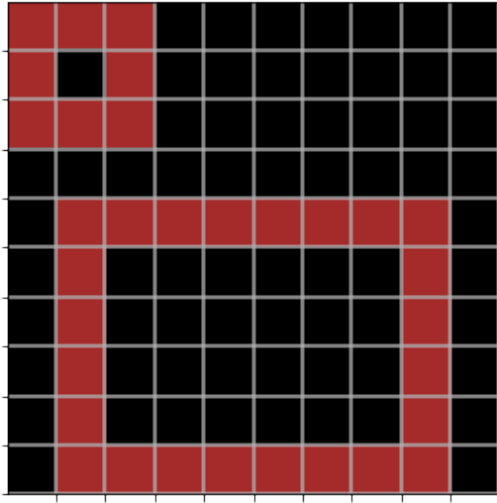
d5d6de2d.json Tr Input



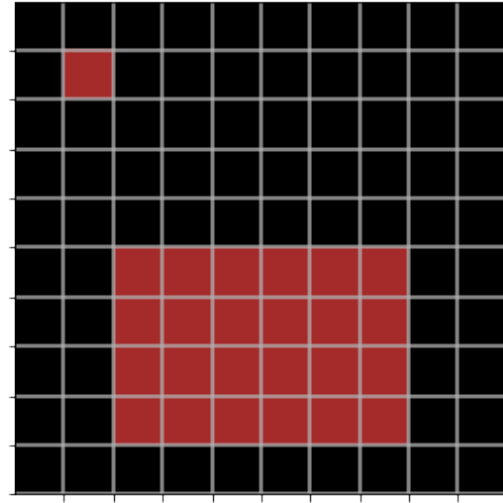
d5d6de2d.json Tr Output



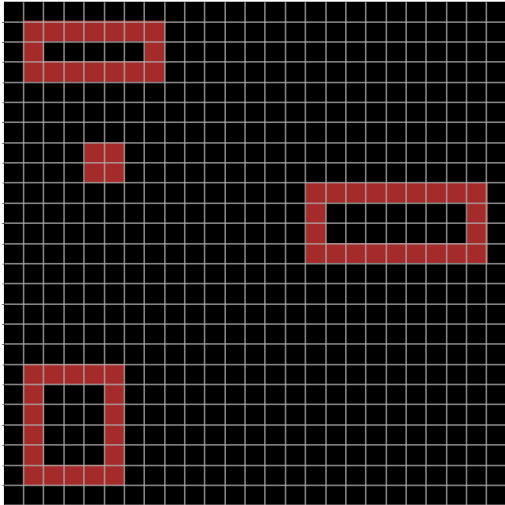
d5d6de2d.json Te Input



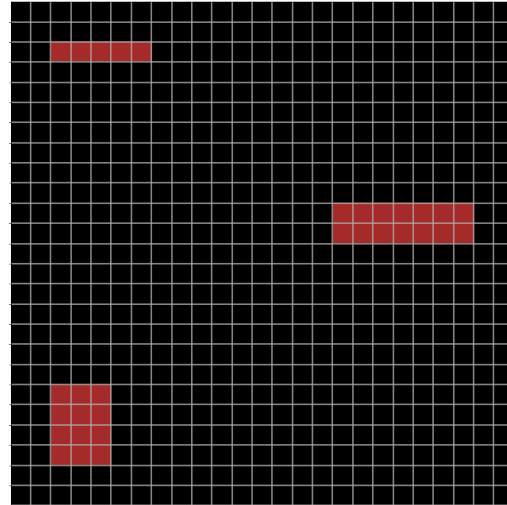
d5d6de2d.json Te Output



d5d6de2d.json Te Input

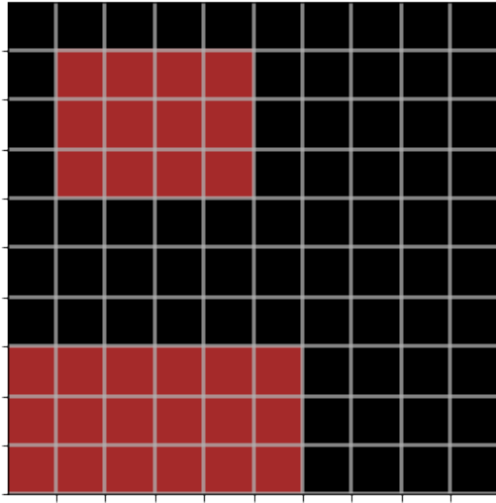


d5d6de2d.json Te Output

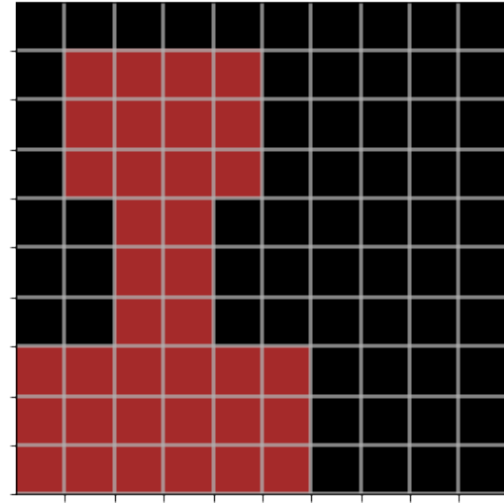


i = 35

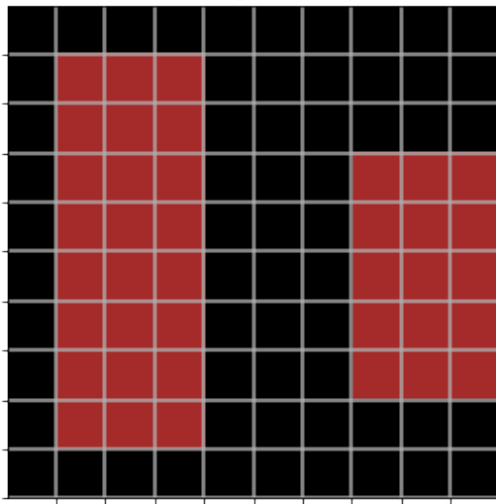
d6ad076f.json Tr Input



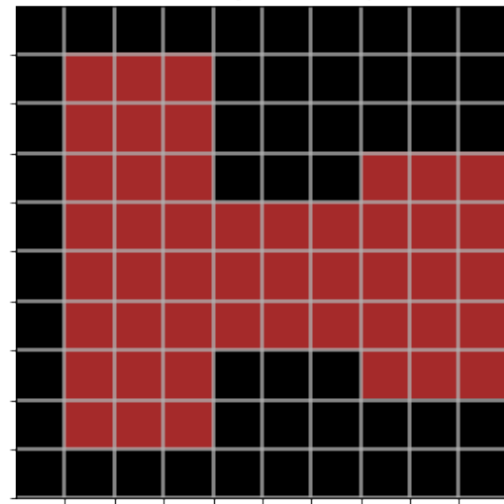
d6ad076f.json Tr Output



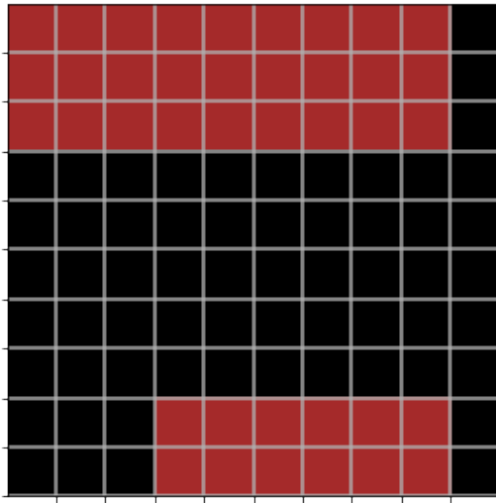
d6ad076f.json Tr Input



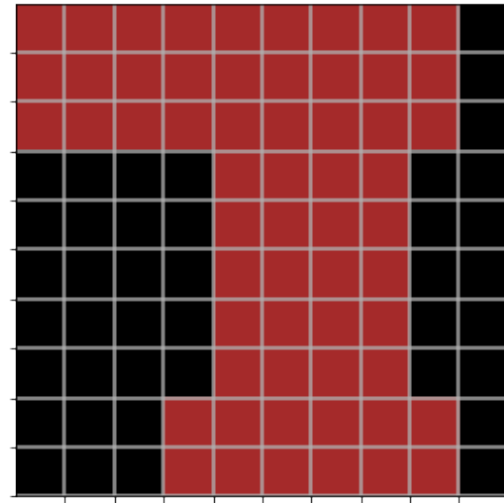
d6ad076f.json Tr Output



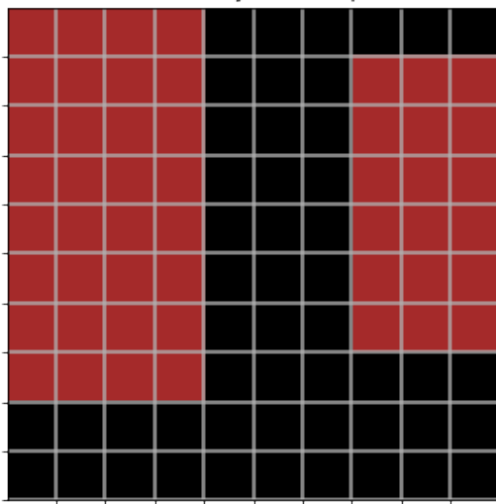
d6ad076f.json Tr Input



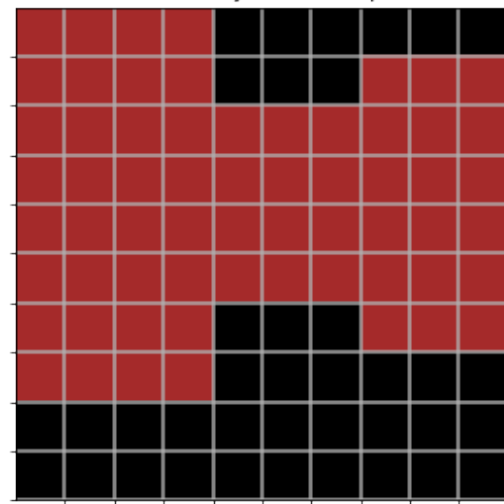
d6ad076f.json Tr Output



d6ad076f.json Te Input

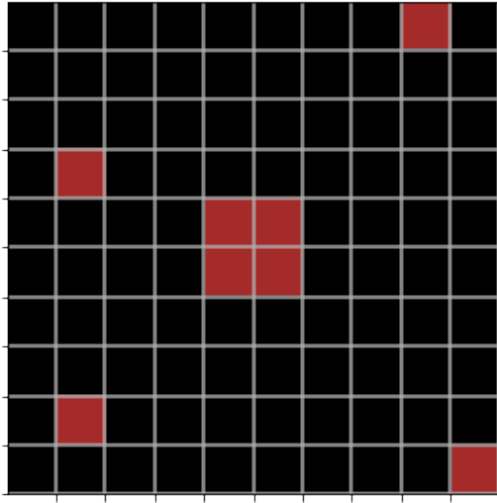


d6ad076f.json Te Output

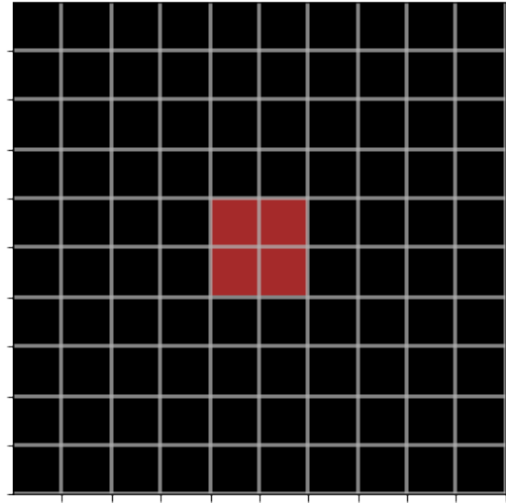


i = 36

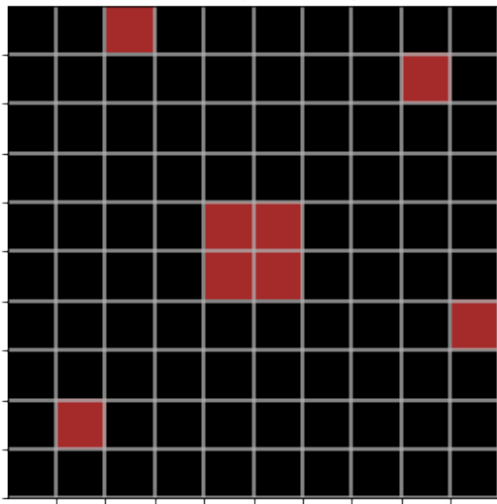
d89b689b.json Tr Input



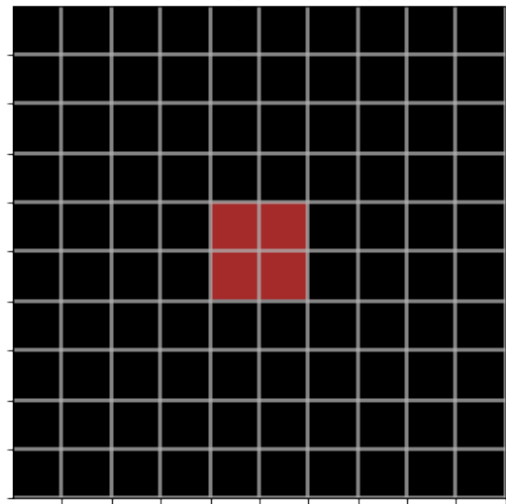
d89b689b.json Tr Output



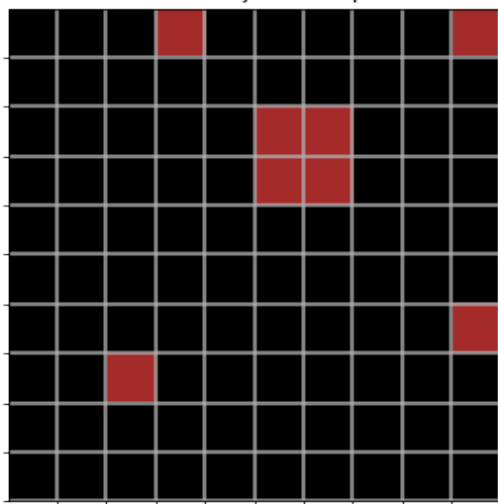
d89b689b.json Tr Input



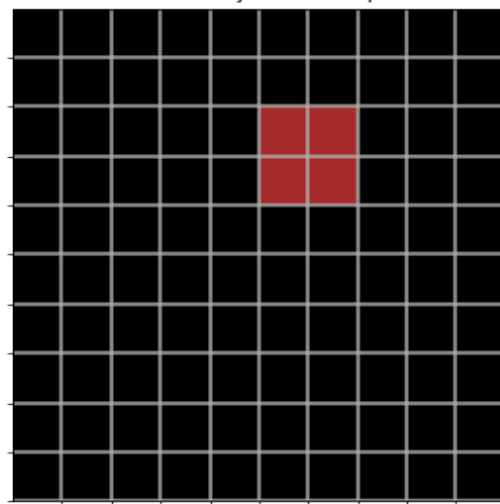
d89b689b.json Tr Output



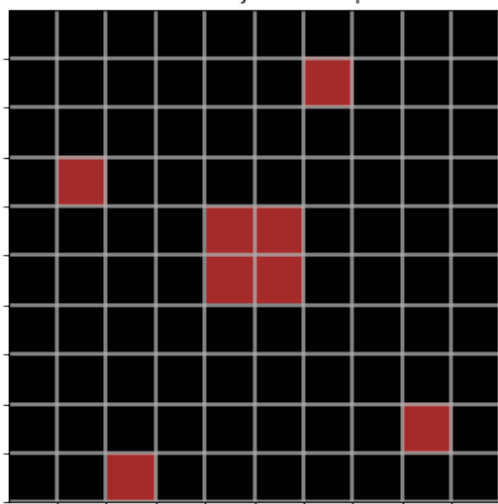
d89b689b.json Tr Input



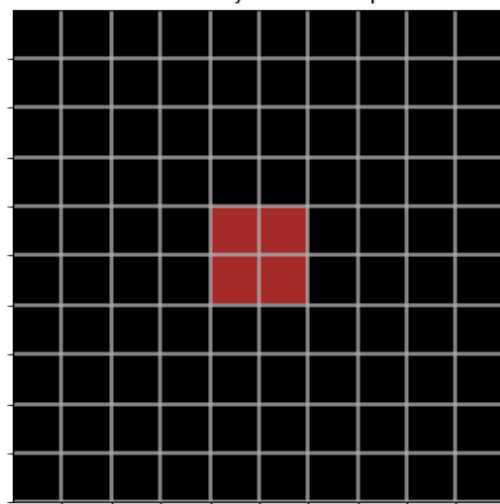
d89b689b.json Tr Output



d89b689b.json Te Input

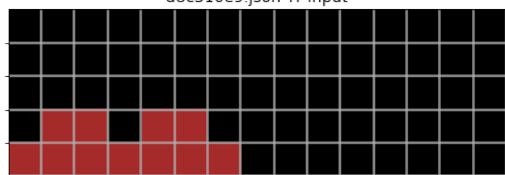


d89b689b.json Te Output

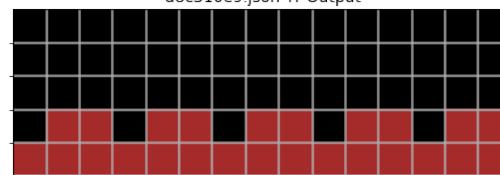


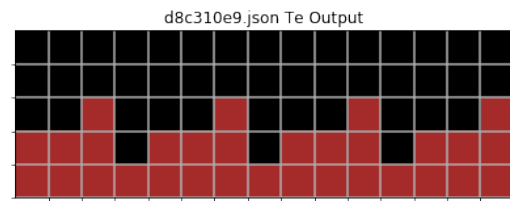
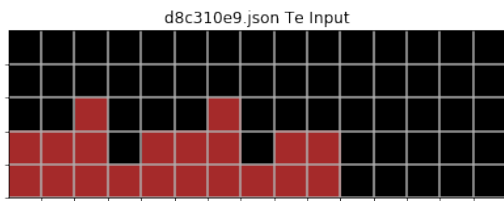
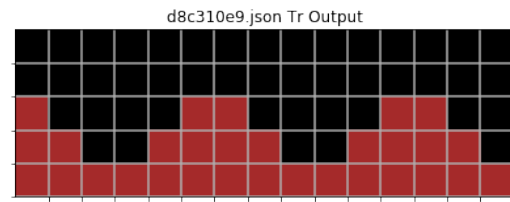
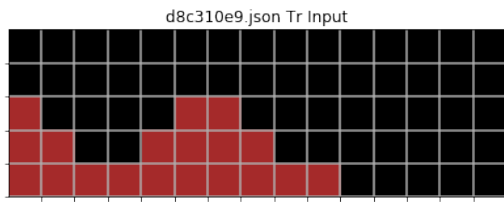
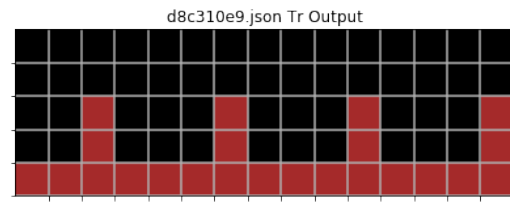
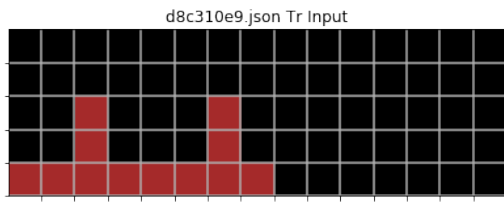
i = 37

d8c310e9.json Tr Input

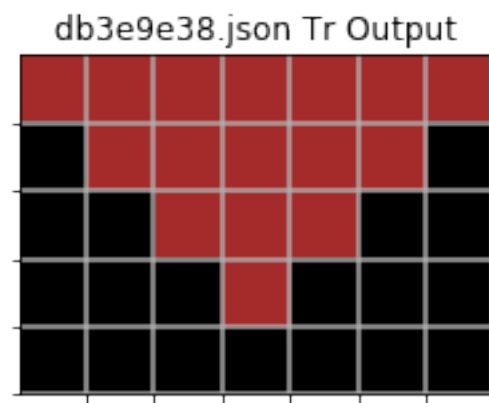
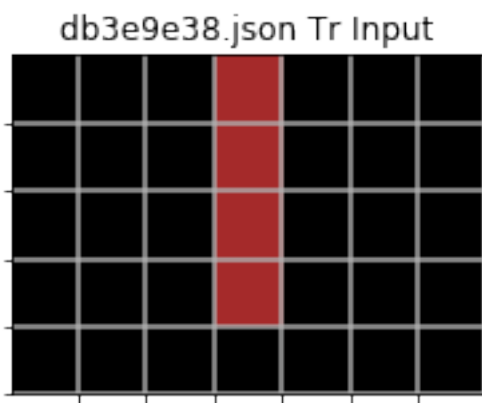


d8c310e9.json Tr Output

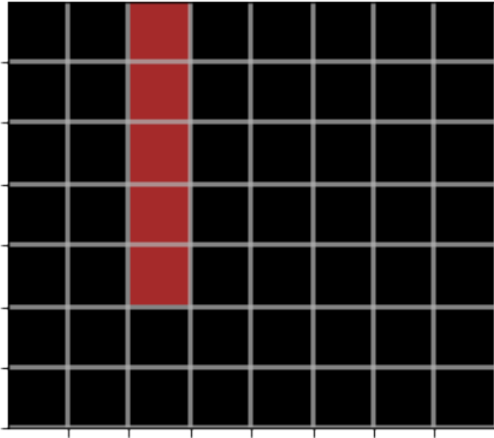




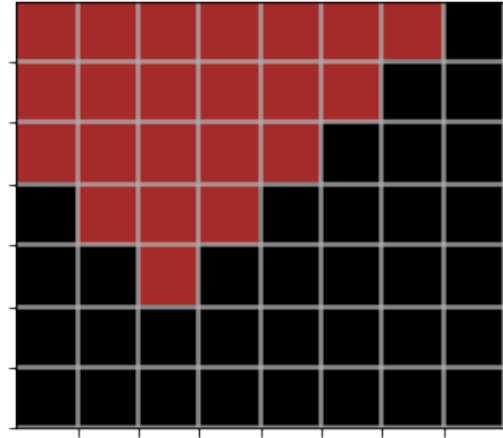
i = 38



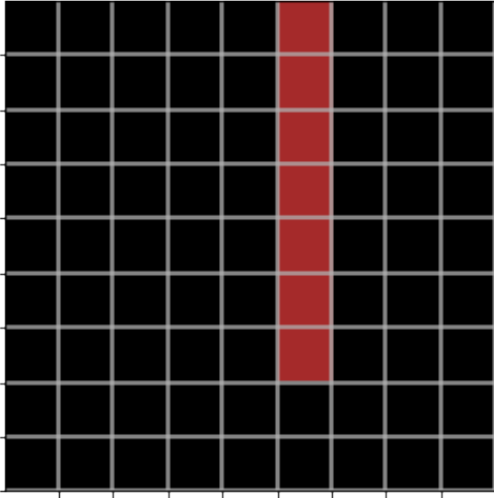
db3e9e38.json Tr Input



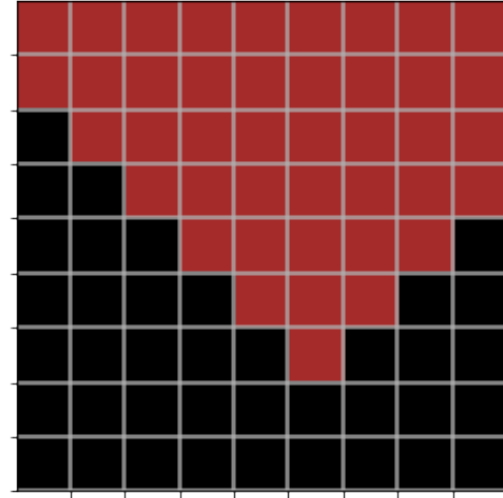
db3e9e38.json Tr Output



db3e9e38.json Te Input

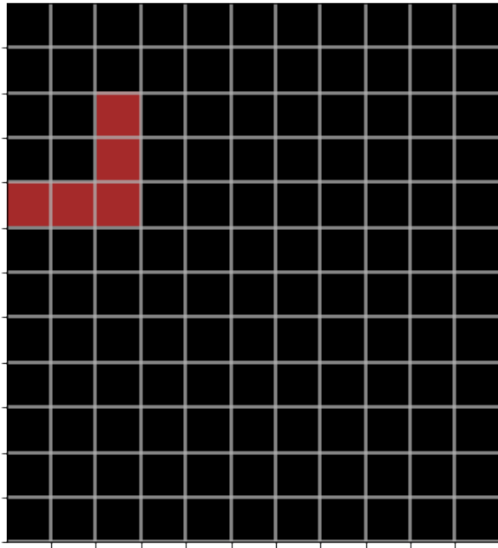


db3e9e38.json Te Output

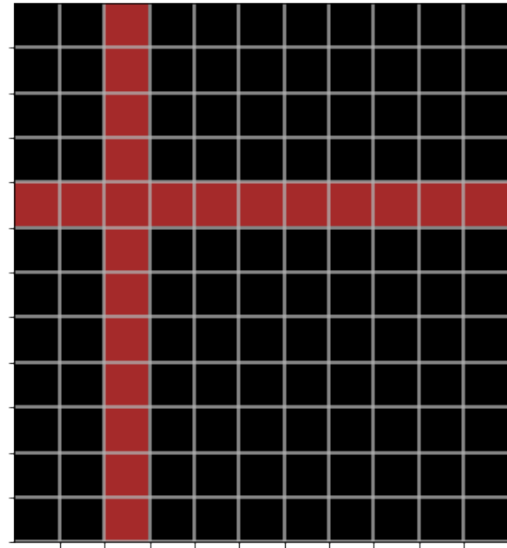


i = 39

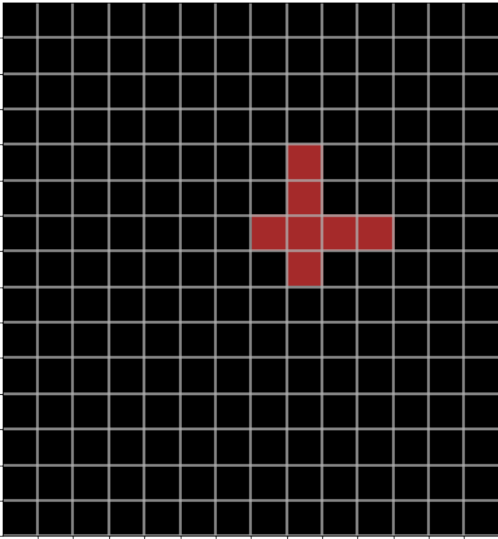
e21d9049.json Tr Input



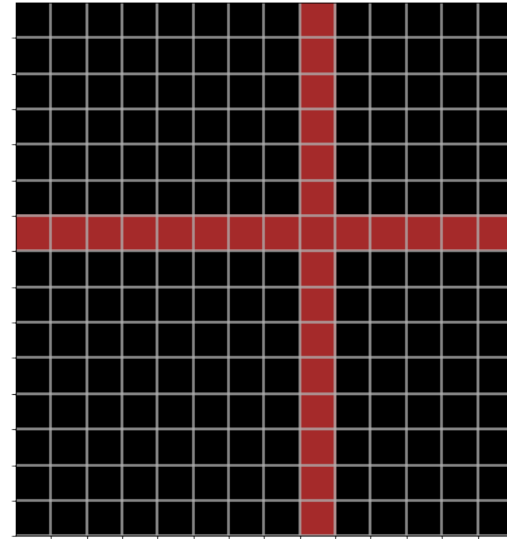
e21d9049.json Tr Output

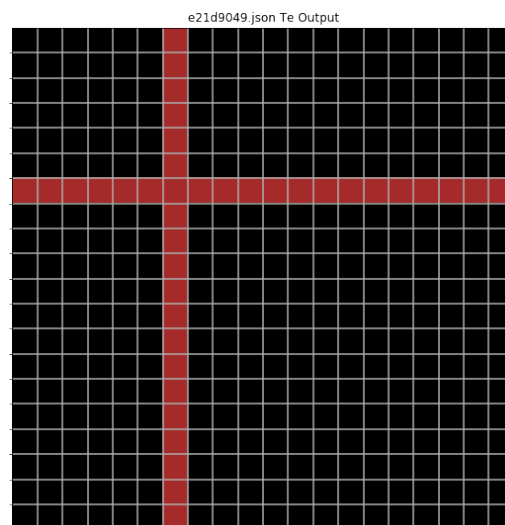
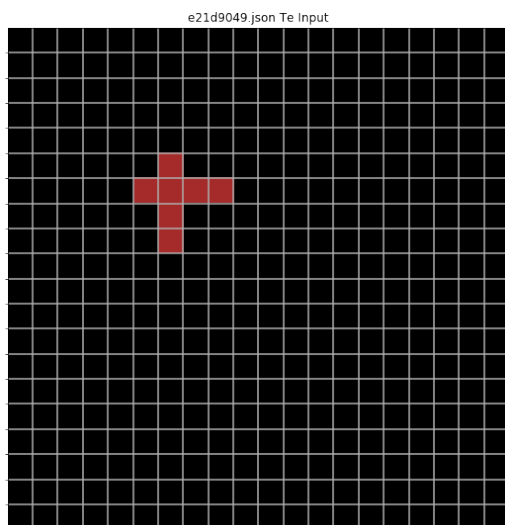


e21d9049.json Tr Input

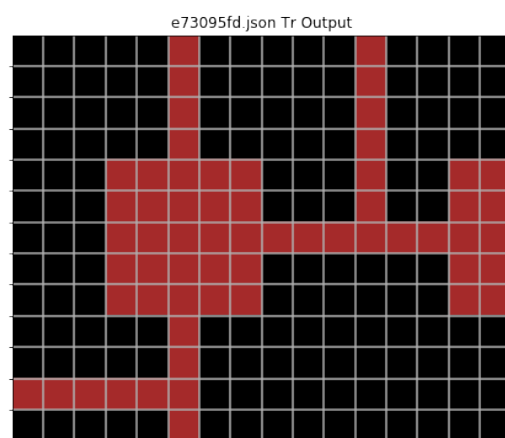
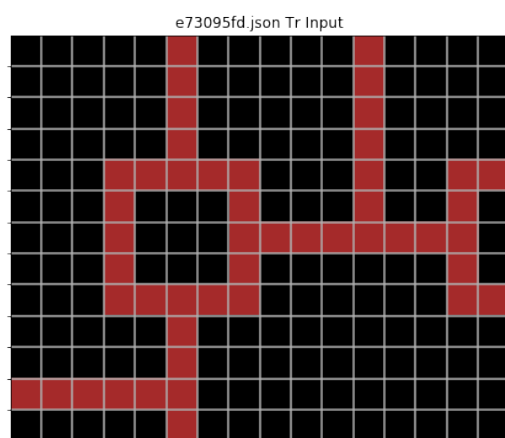
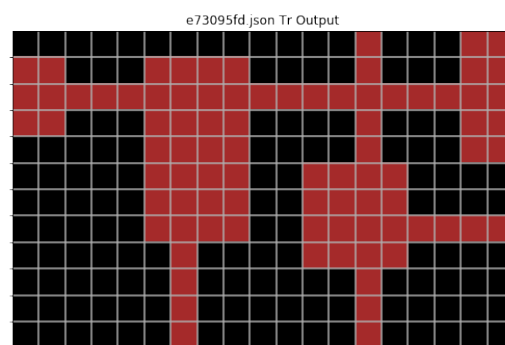
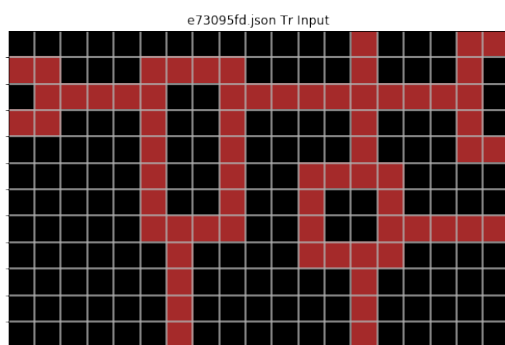


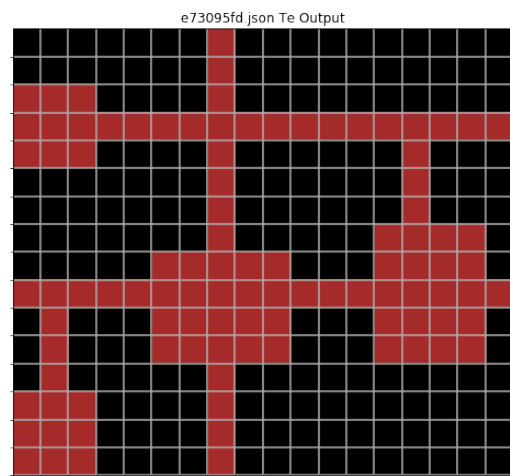
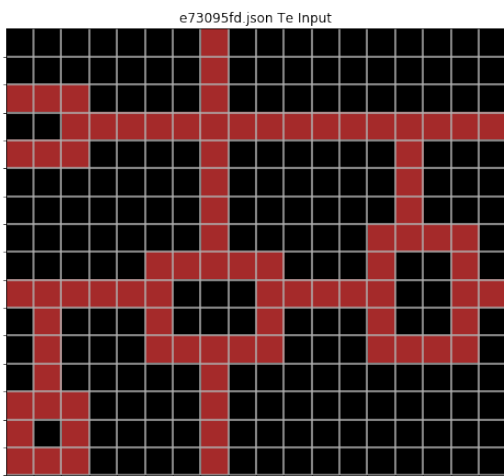
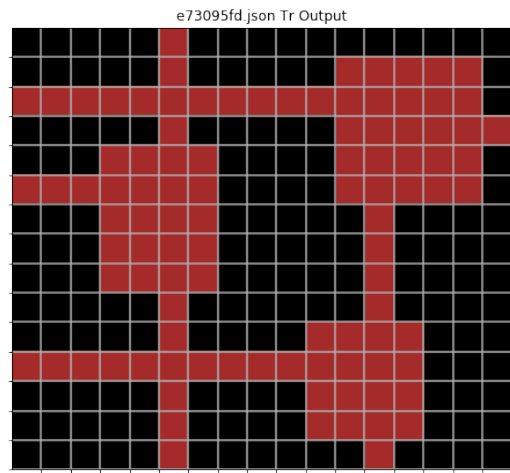
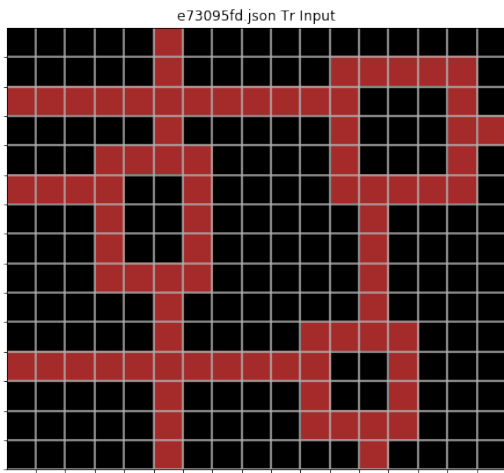
e21d9049.json Tr Output





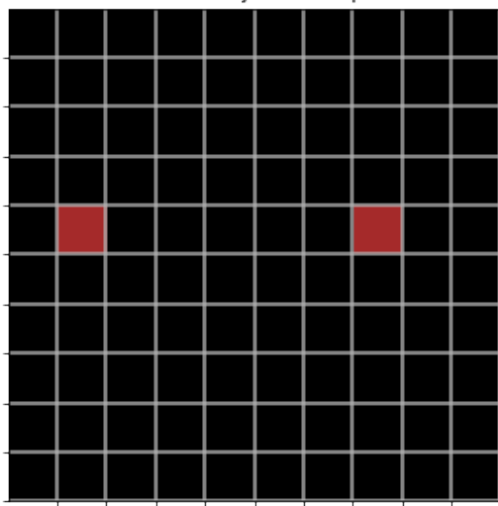
i = 40



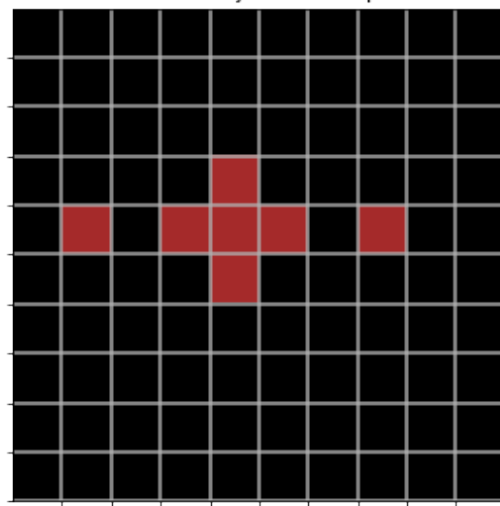


i = 41

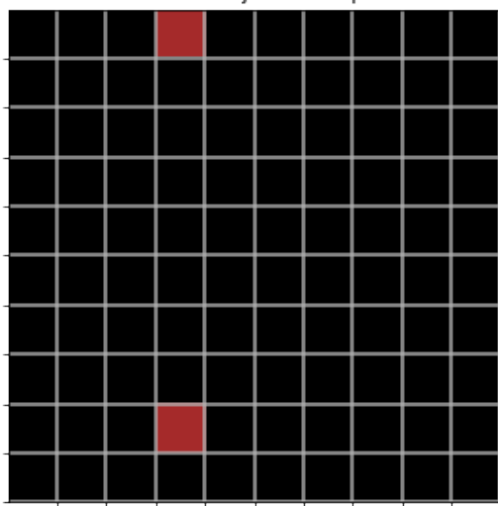
e9614598.json Tr Input



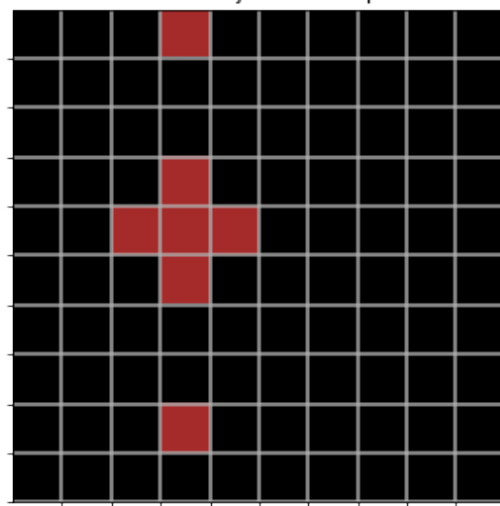
e9614598.json Tr Output



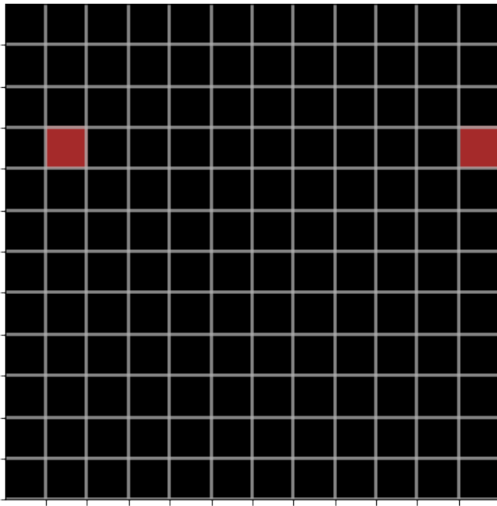
e9614598.json Tr Input



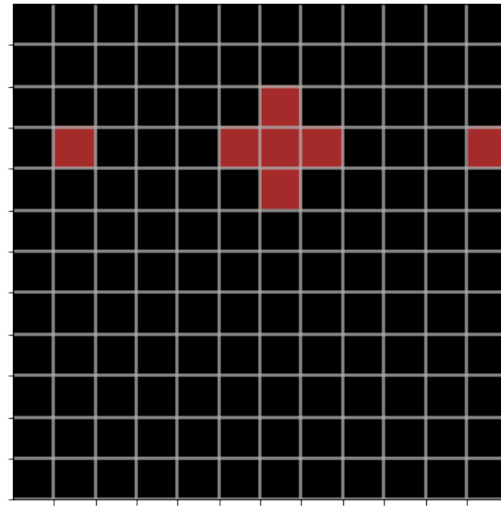
e9614598.json Tr Output



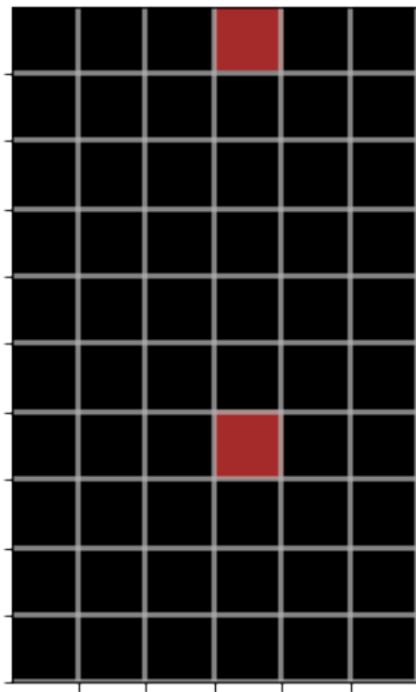
e9614598.json Te Input



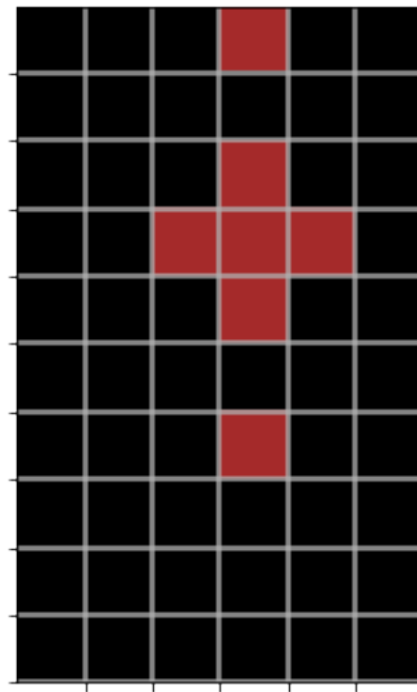
e9614598.json Te Output



e9614598.json Te Input

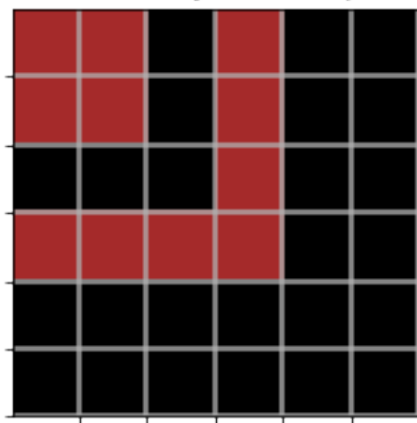


e9614598.json Te Output

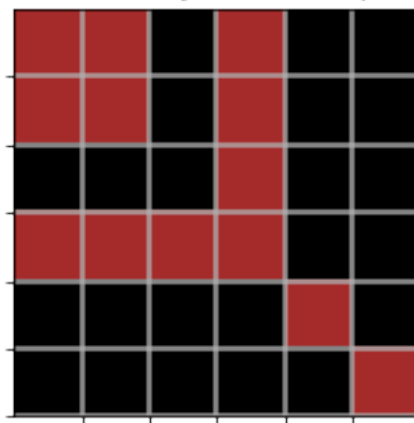


i = 42

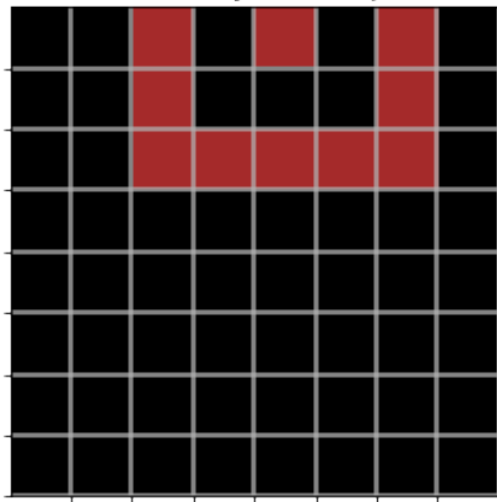
ec883f72.json Tr Input



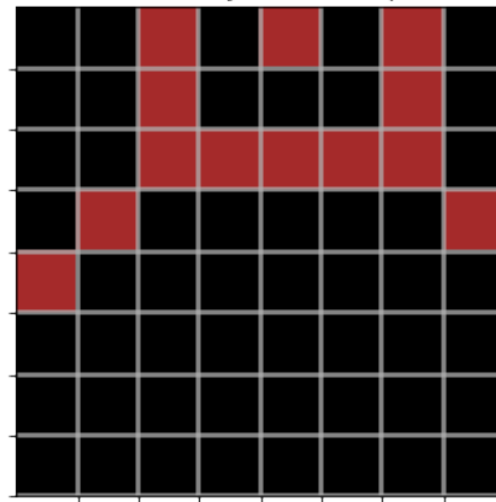
ec883f72.json Tr Output



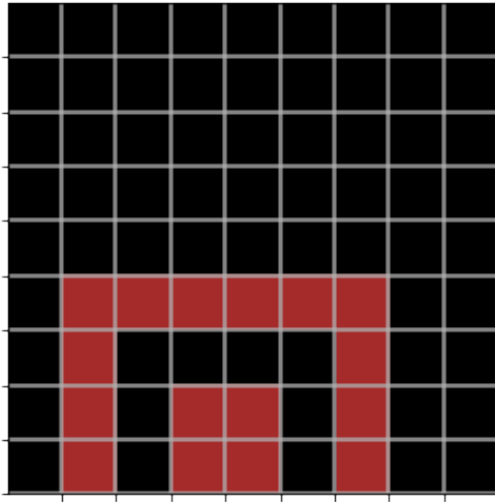
ec883f72.json Tr Input



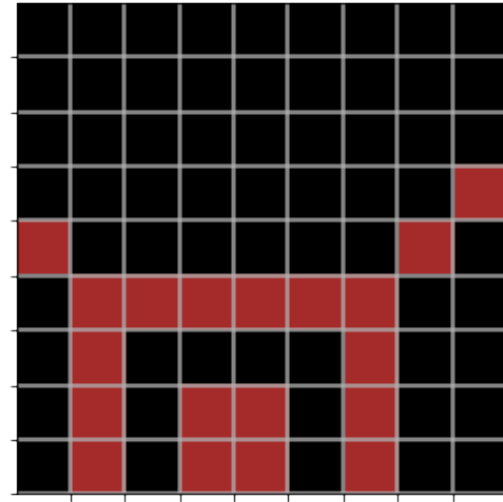
ec883f72.json Tr Output



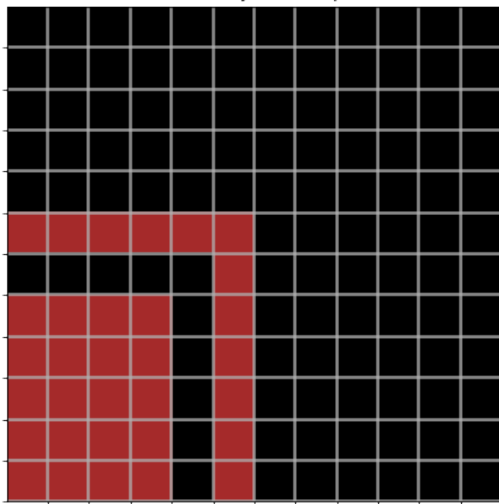
ec883f72.json Tr Input



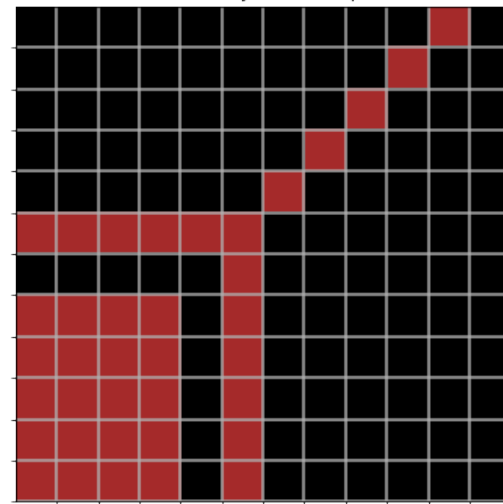
ec883f72.json Tr Output

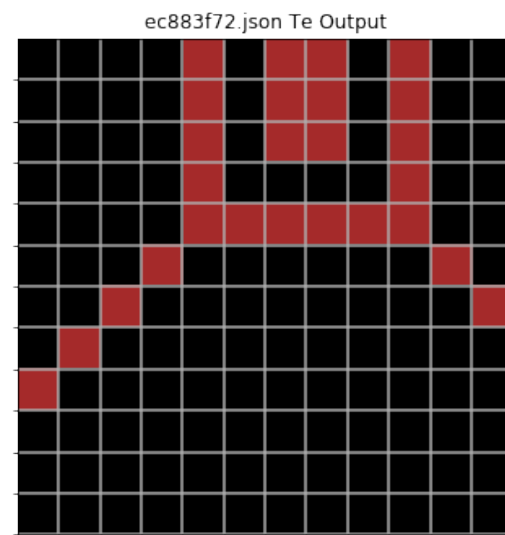
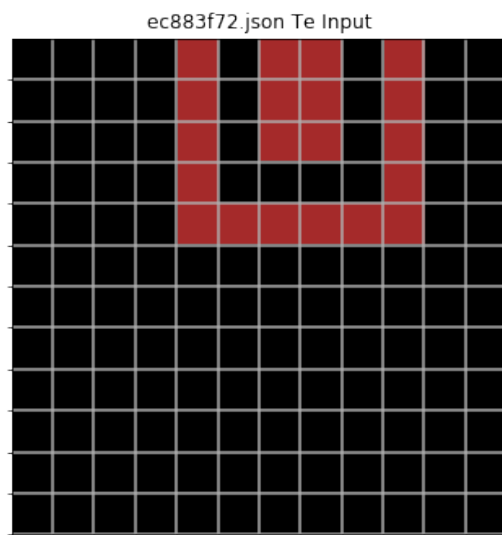


ec883f72.json Tr Input



ec883f72.json Tr Output





In []: