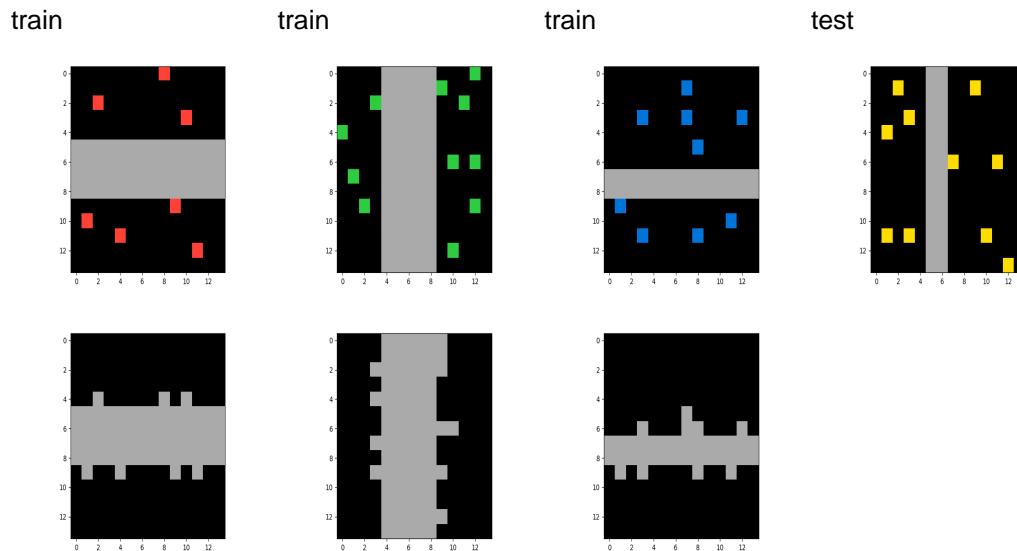
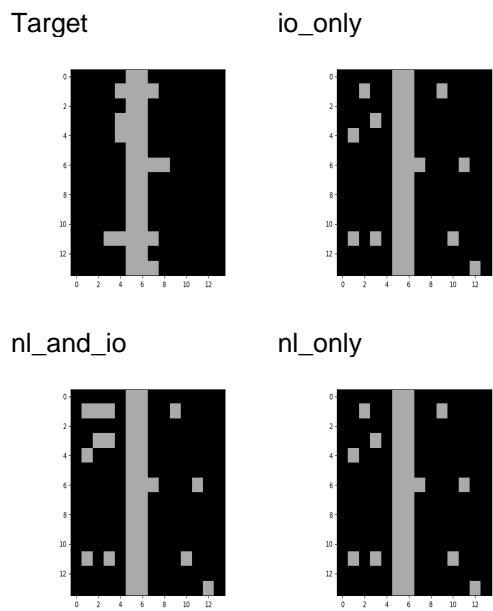


## Task ID: 4093f84a



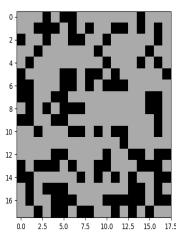
## GPT-4 Generations



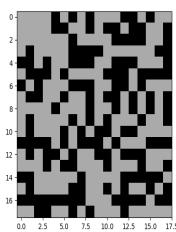
To make the output, you have to...first copy the gray rows or columns exactly. Now imagine that the non-gray boxes are attracted to the gray rows like magnets. Move the non-gray boxes until they are touching the gray rows. Now, every box should be touching the gray rows. The last step is to change all of the non-gray boxes to be gray. The final result should be only gray boxes, all of them connected by the original gray rows/columns.

## Task ID: a8d7556c

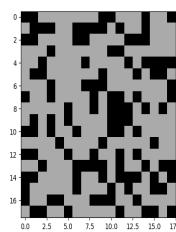
train



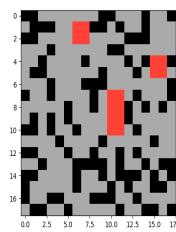
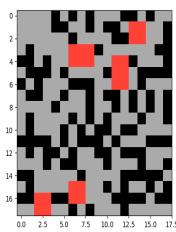
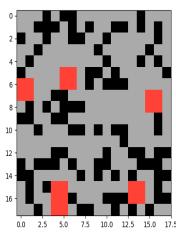
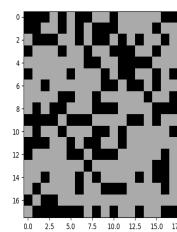
train



train

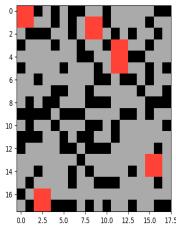


test

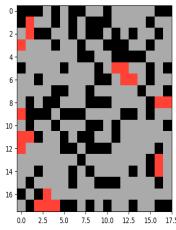


## GPT-4 Generations

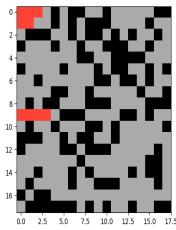
Target



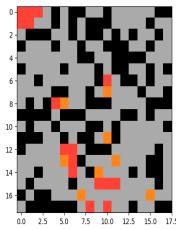
io\_only



nl\_and\_io



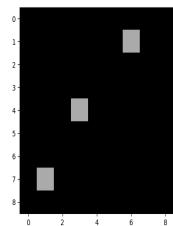
nl\_only



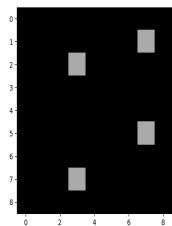
To make the output, you have to...Make the boxes that have the same color of black shapes that are bigger than 1x1 red

## Task ID: 4258a5f9

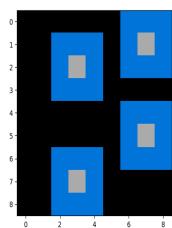
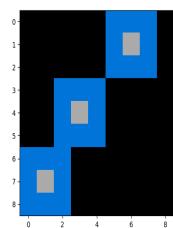
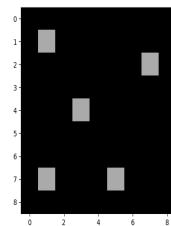
train



train

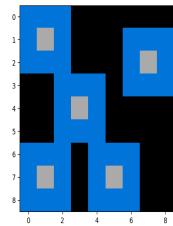


test

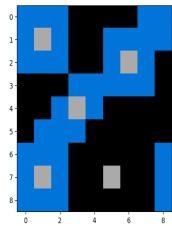


## GPT-4 Generations

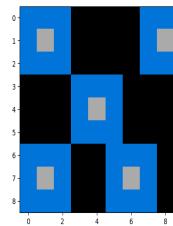
Target



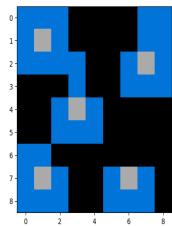
io\_only



nl\_and\_io

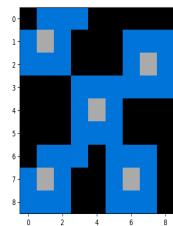


nl\_only

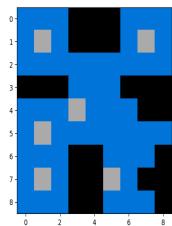


To make the output, you have to...surround each of the grey boxes with a blue border

nl\_and\_io

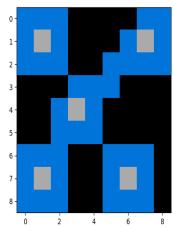


nl\_only

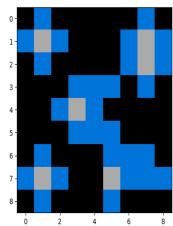


To make the output, you have to...surround each of the grey boxes with a 3x3 blue border

nl\_and\_io

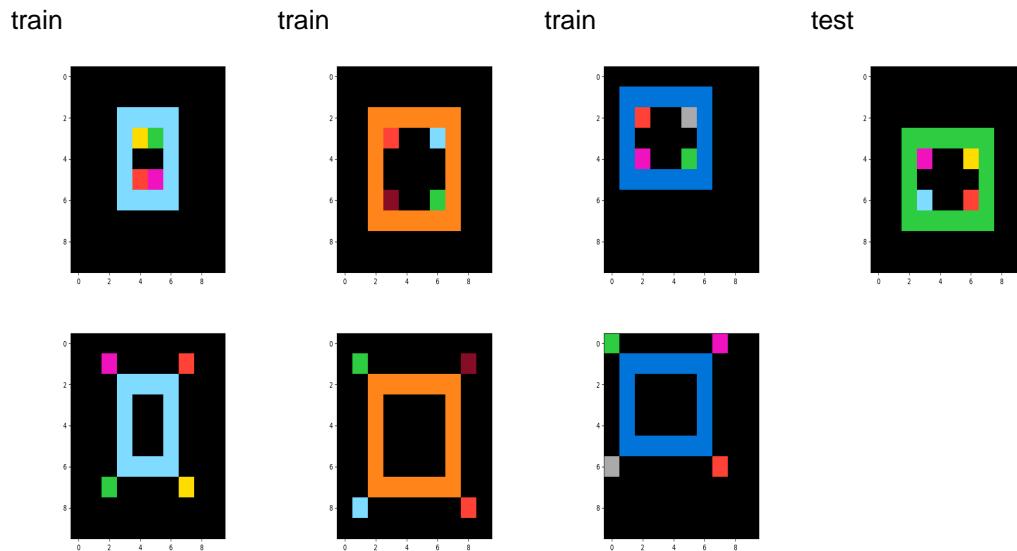


nl\_only

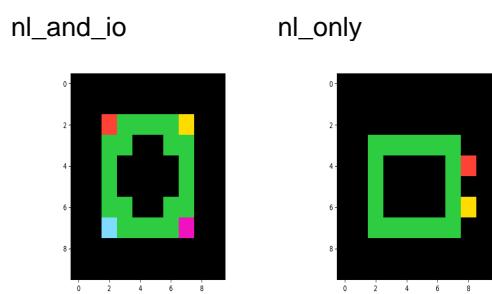
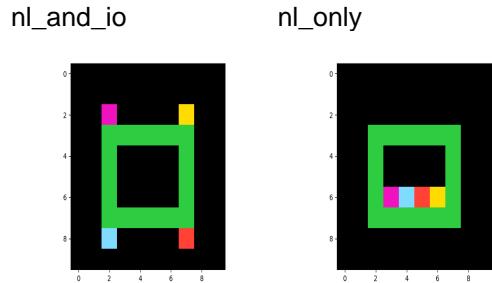
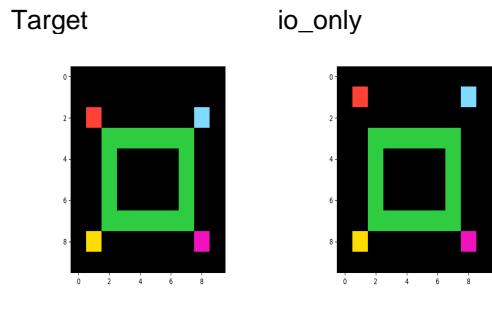


To make the output, you have to...surround each grey box with blue

## Task ID: 952a094c



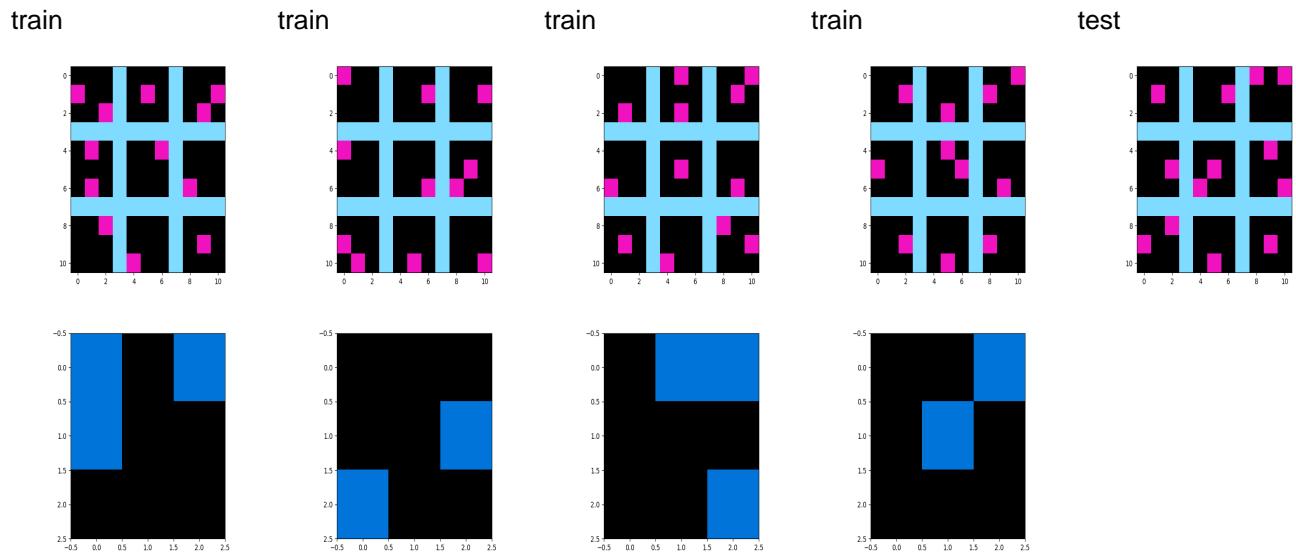
## GPT-4 Generations



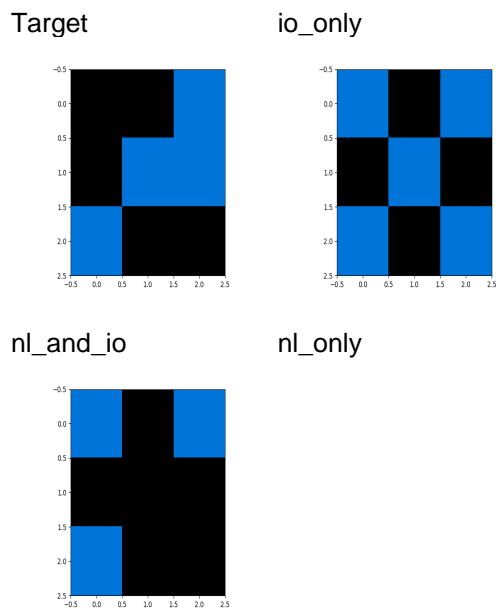
To make the output, you have to... copy the input grid to the output workspace. Move each of the interior corner colored pixels to the exterior corner opposite of their input position. Meaning, move the upper left interior pixel such that its corner is touching the lower left corner of the lower left corner pixel of the monochromatic rectangle or square. You're moving pixel at a 45 degree angle to the exterior opposite corner, do that with each interior corner square to create the correct output grid.

To make the output, you have to...take the different colored squares from the inside corners of the square and move them to the opposite outside corner of the square. For example if there is a green square on the inside bottom left corner, move it to the outside top right corner. The rest of the squares will be black.

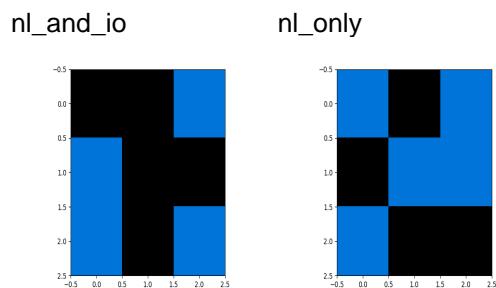
## Task ID: 6773b310



## GPT-4 Generations

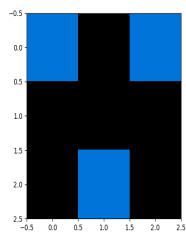


To make the output, you have to...successfully

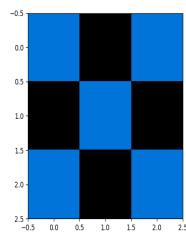


To make the output, you have to...For each section that hold 2 pink squares, represent that area with a blue box on the new grid. Single squares are shown as black.

nl\_and\_io



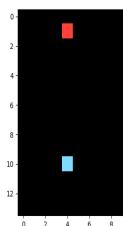
nl\_only



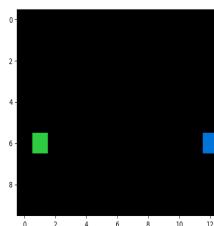
To make the output, you have to...fill blue color where 3x3 grid have  
2 pink grid

## Task ID: b7249182

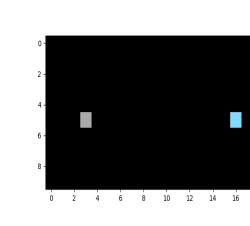
train



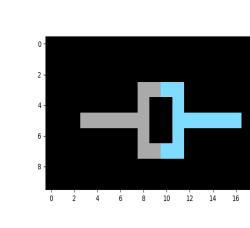
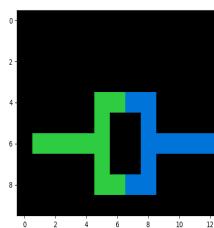
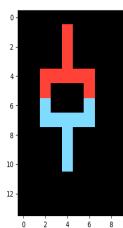
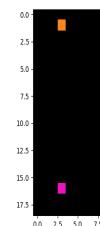
train



train

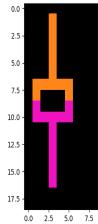


test

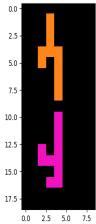


## GPT-4 Generations

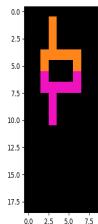
Target



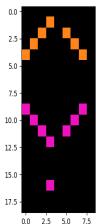
io\_only



nl\_and\_io



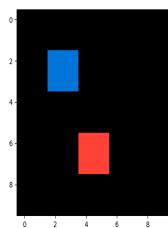
nl\_only



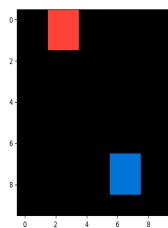
To make the output, you have to...make each color in line go toward the center. Make a black empty space in the center by stop the lines 1 square each before they meet. This should give you 2 black squares in the center. Form a new line on each side with 2 cubes on either side for each color. Put one more colored cube at the end of these lines to make each color connect. This should make an empty space in the center with a size of 2x3.

## Task ID: 5c0a986e

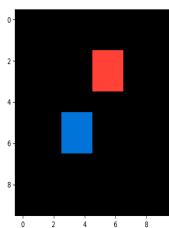
train



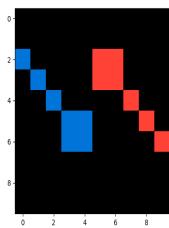
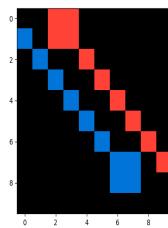
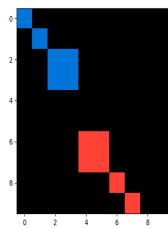
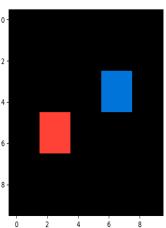
train



train

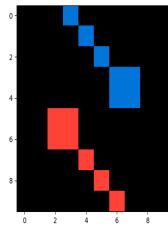


test

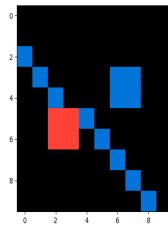


## GPT-4 Generations

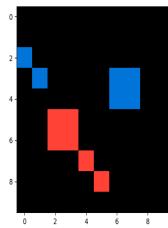
Target



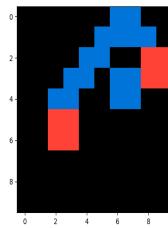
io\_only



nl\_and\_io



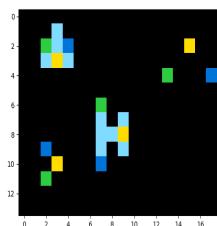
nl\_only



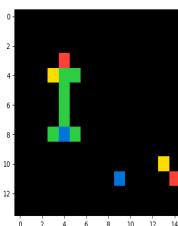
To make the output, you have to...use the color blue to extend a 1x1 length of pixels northwest of the 2x2 blue box until there is no more room left. Then extend a 1x1 length of pixels southeast from the 2x2 red box until there is no more room left.

## Task ID: 0e206a2e

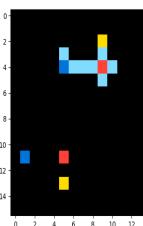
train



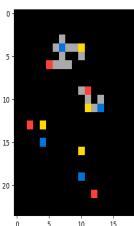
train



train

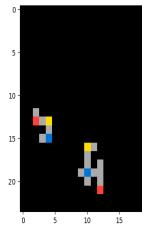


test

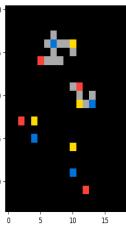


## GPT-4 Generations

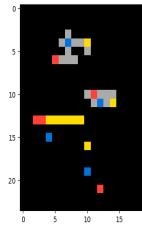
Target



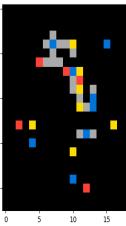
io\_only



nl\_and\_io

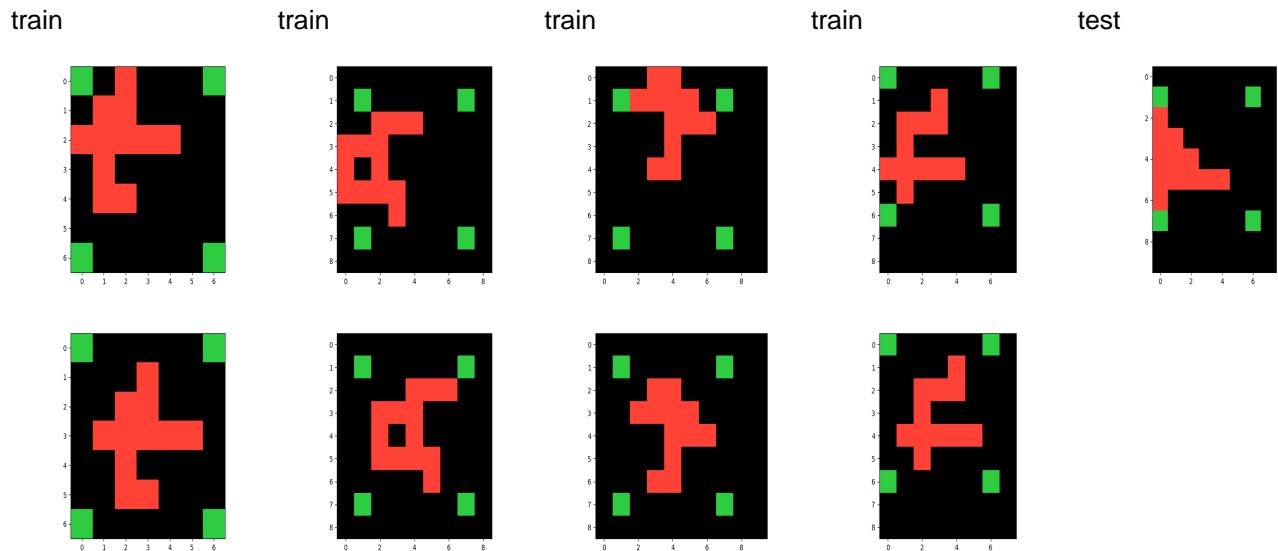


nl\_only

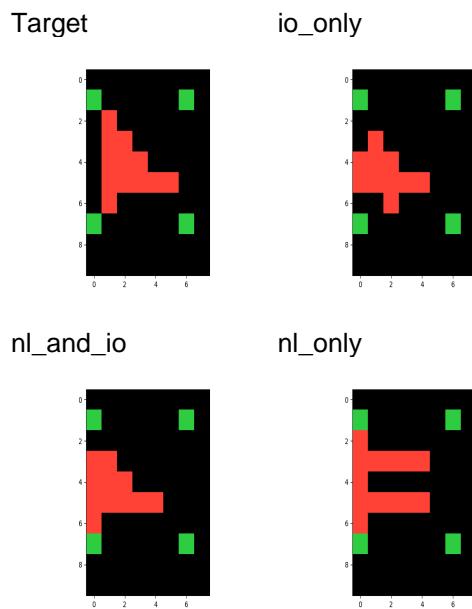


To make the output, you have to...try to fill up the empty space between the three color boxes as the original object given.

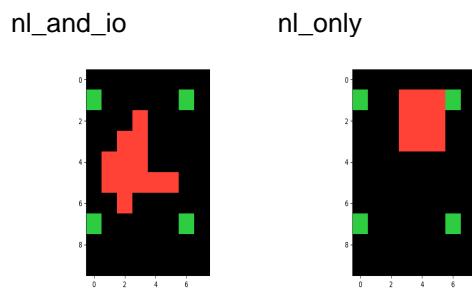
## Task ID: a1570a43



## GPT-4 Generations

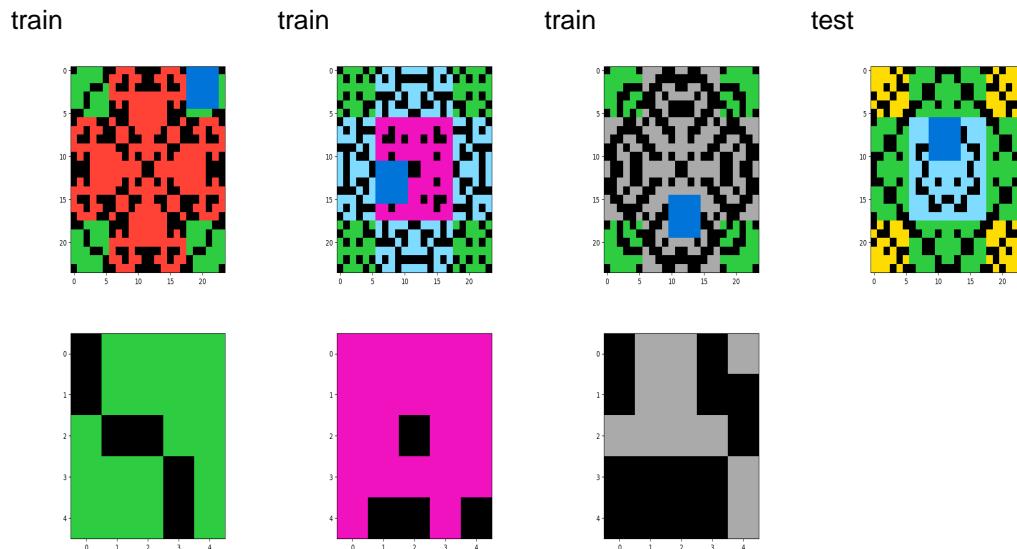


To make the output, you have to...move the different color shape so that it is fully inside the square composed by the four colored pixels.

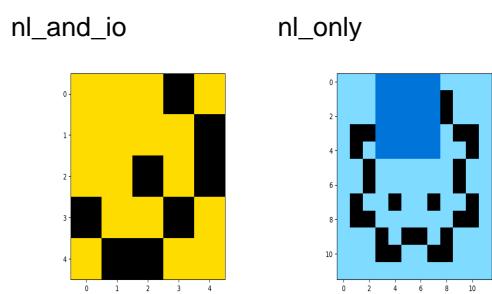
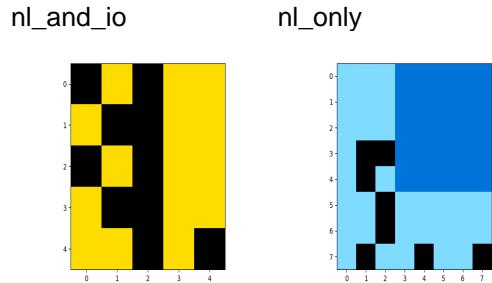
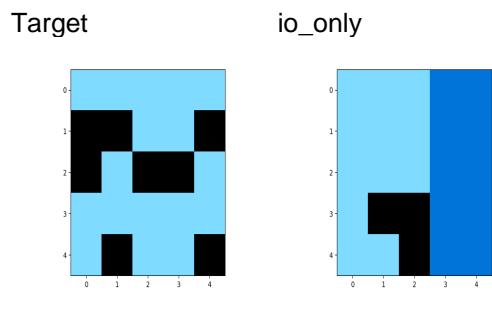


To make the output, you have to... think of the 4 pixels as a picture frame. Reposition the random shape to be centered in that frame.

## Task ID: ff805c23



## GPT-4 Generations

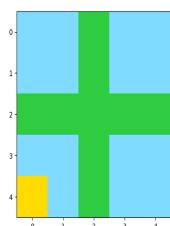


To make the output, you have to...fill in the blue square with the missing piece of the pattern from the input grid, using the correct colors from the original

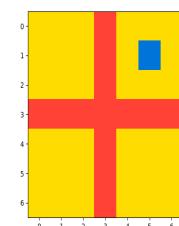
To make the output, you have to...fill the blue square with the same pattern with the input grid (that is.. the original pattern that need be there in the input)

## Task ID: 2dc579da

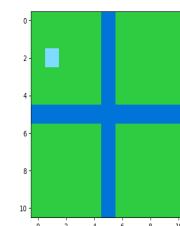
train



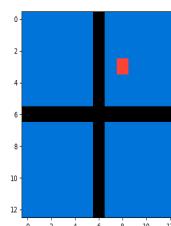
train



train

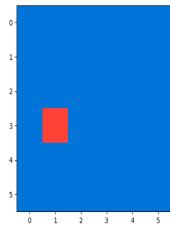


test

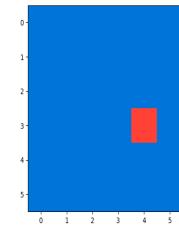


## GPT-4 Generations

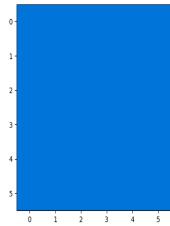
Target



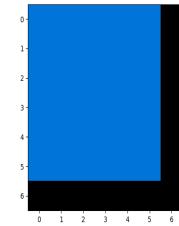
io\_only



nl\_and\_io

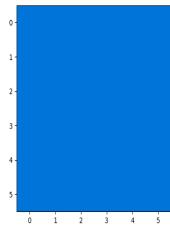


nl\_only

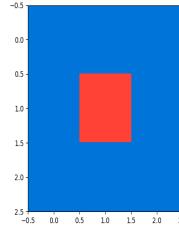


To make the output, you have to...select the quadrant with the different colored square, then copy and paste the quadrant as the output.

nl\_and\_io

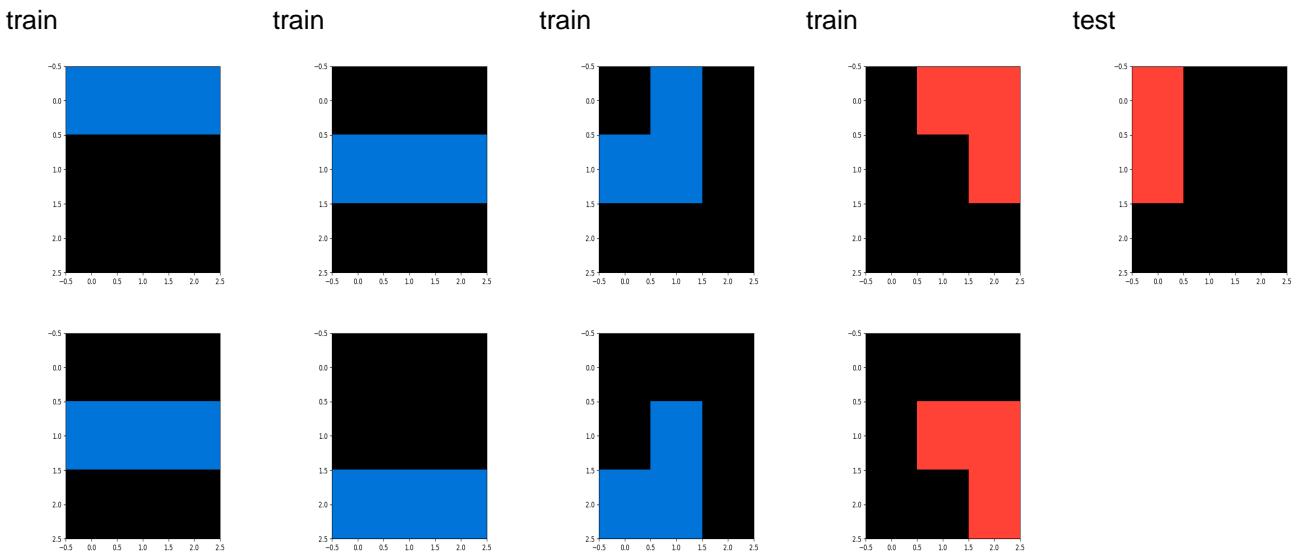


nl\_only



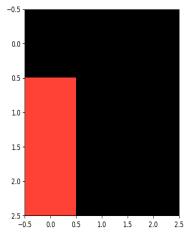
To make the output, you have to... "zoom in" on the section with an off-color square.

**Task ID:** 25ff71a9

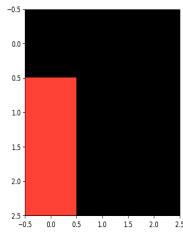


## **GPT-4 Generations**

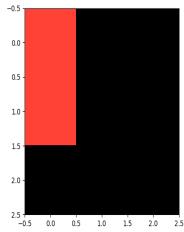
## Target



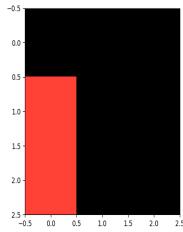
io\_only



## nl\_and\_io

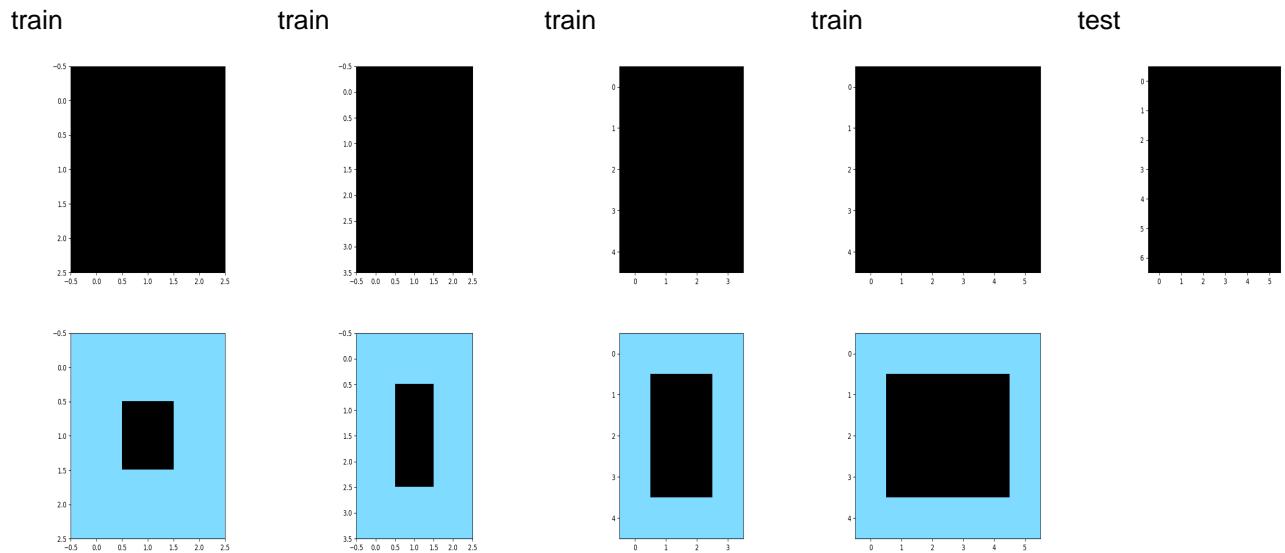


nl\_only

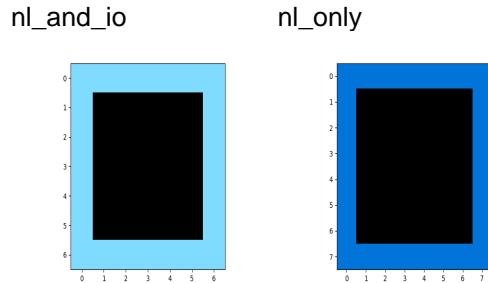
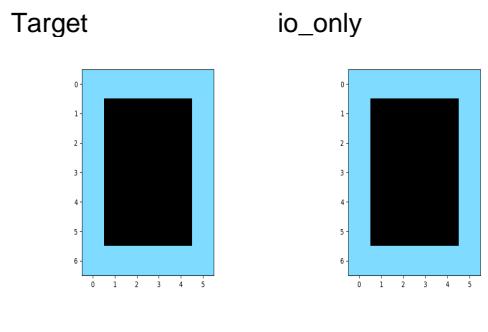


To make the output, you have to...move all the blue color move down by one grid

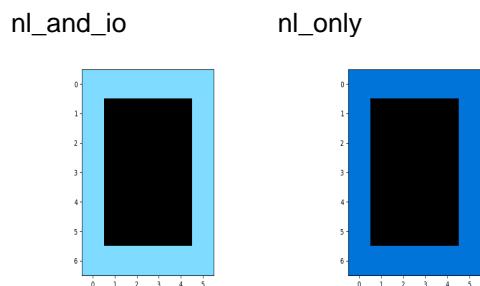
## Task ID: 6f8cd79b



## GPT-4 Generations

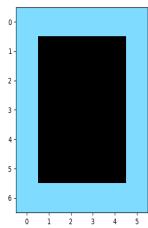


To make the output, you have to... You should create light blue border around the black grid.

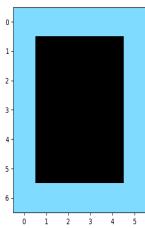


To make the output, you have to... create a light blue border around the grid. So, any squares that are touching the edges are filled in with light blue. The rest of the squares inside the light blue border remain black.

nl\_and\_io

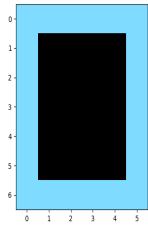


nl\_only

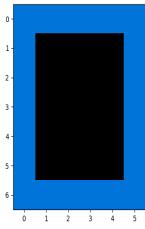


To make the output, you have to... Create a light blue border around the grid. So, any tiles that are touching the edges are filled in with light blue. The rest of the tiles remain black.

nl\_and\_io



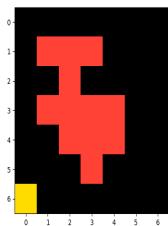
nl\_only



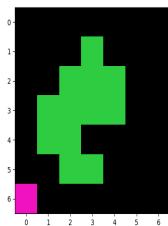
To make the output, you have to...use light blue color to draw the border of the grid with only one cell as width

### Task ID: aabf363d

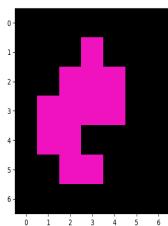
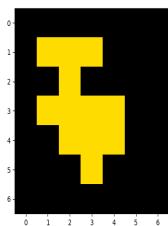
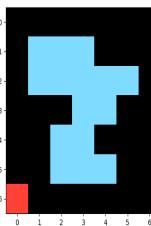
train



train

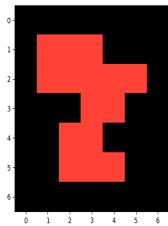


test

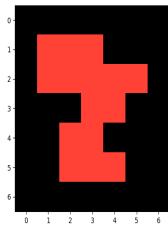


### GPT-4 Generations

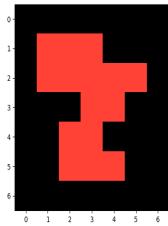
Target



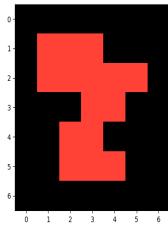
io\_only



nl\_and\_io

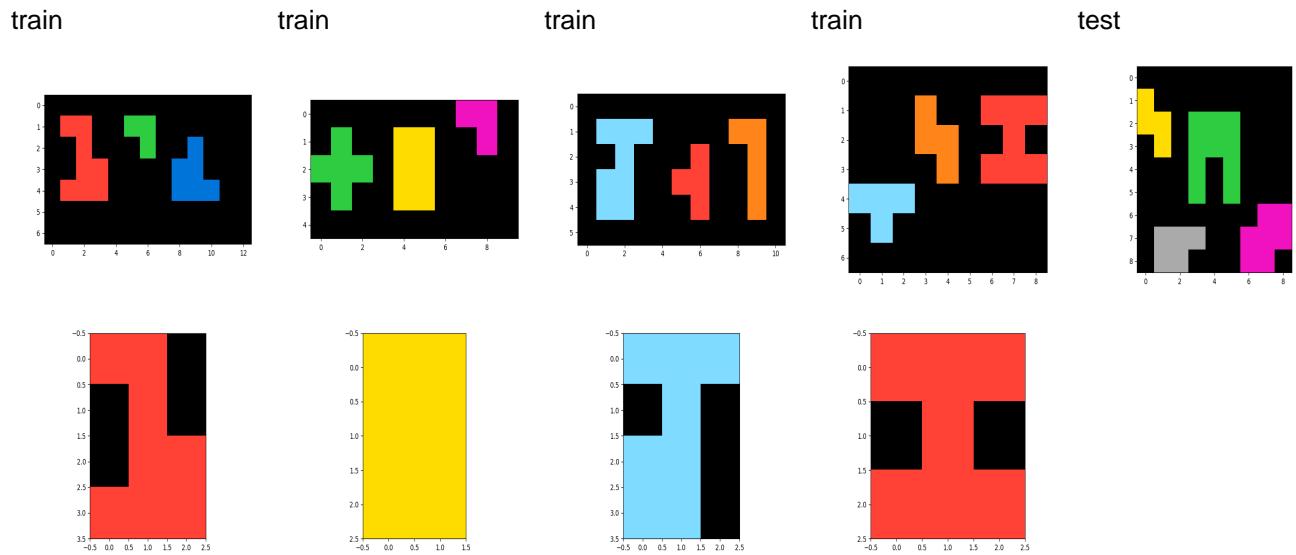


nl\_only

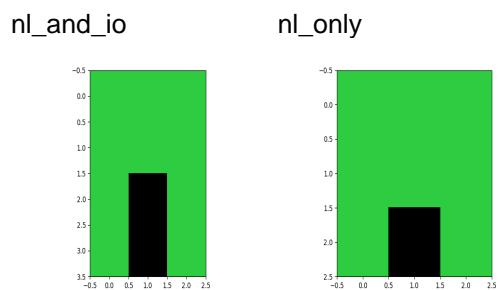
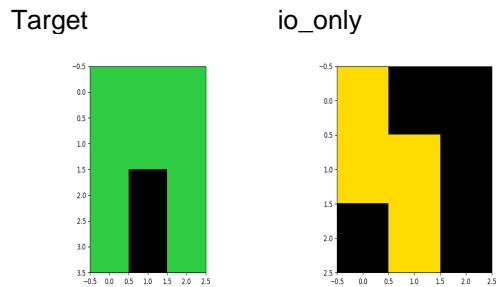


To make the output, you have to...change the pattern to match the one colored square at the bottom and fill in the one square at the bottom to black

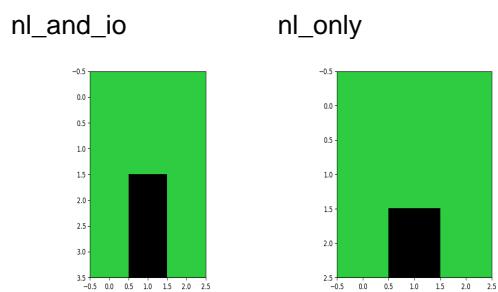
## Task ID: be94b721



## GPT-4 Generations

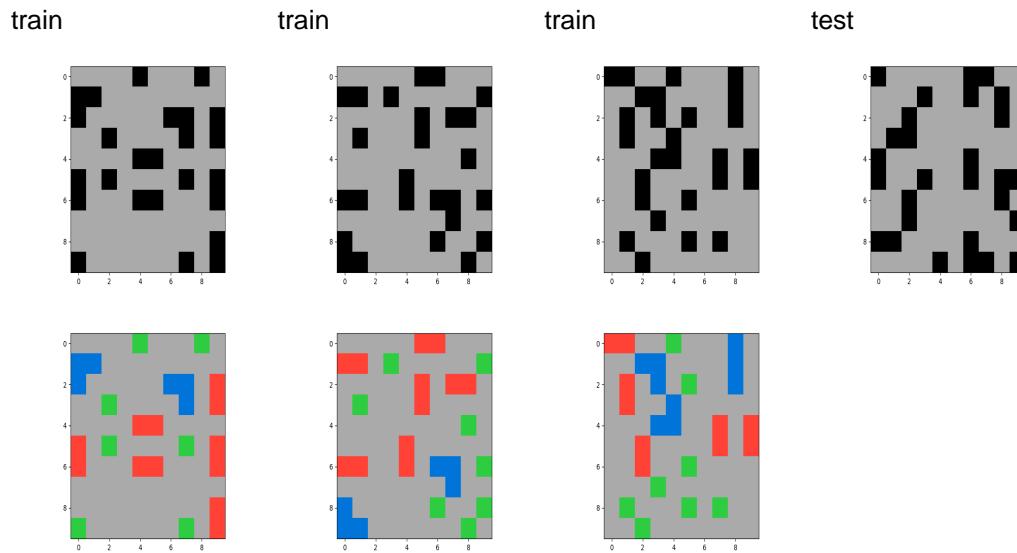


To make the output, you have to... fully copy the pattern of the largest colored shape, zoomed as much as possible

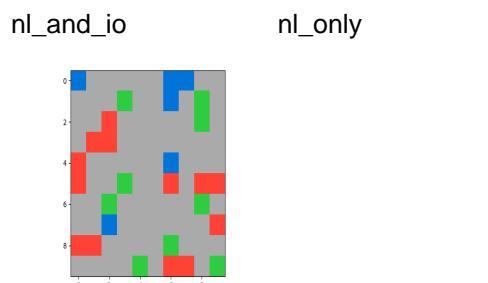
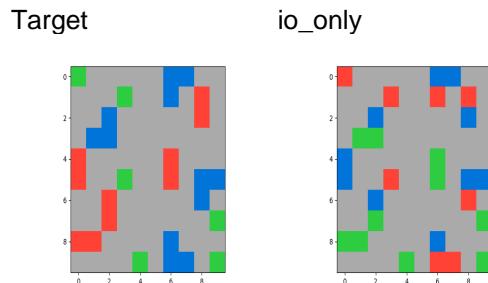


To make the output, you have to...fully zoomed pattern of a highest color count among the gird

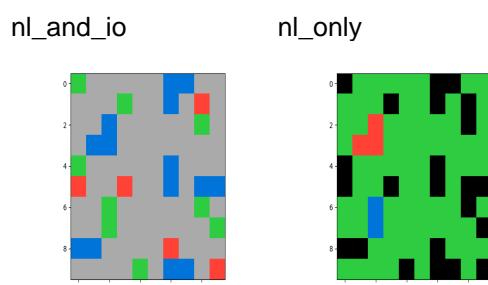
## Task ID: e8593010



## GPT-4 Generations

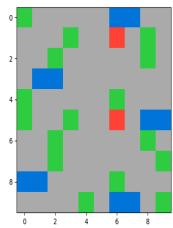


To make the output, you have to...change single pixels to green, two pixels lines to red, and three pixels shapes to blue. The background stays gray

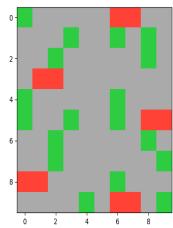


To make the output, you have to...change single pixels to green, two pixels lines to red, and three pixels shapes to blue. The background stays gray.

nl\_and\_io

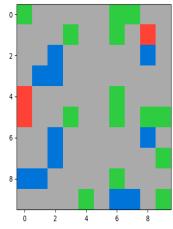


nl\_only

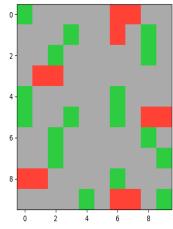


To make the output, you have to... fill any single black squares with green. Fill any two-square black shapes with red. Fill any three-square black shapes with blue. The background remains grey.

nl\_and\_io



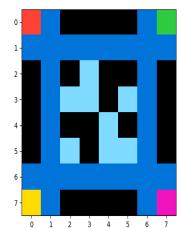
nl\_only



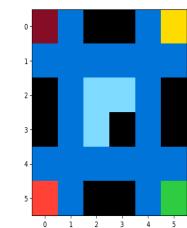
To make the output, you have to...change the single black pixels to green, two black pixel lines to red, and three black pixel shapes to blue. The background stays gray.

## Task ID: 77fdf62

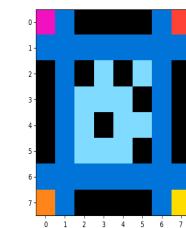
train



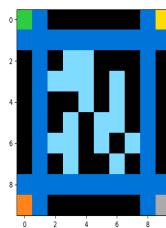
train



train

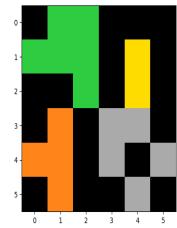


test

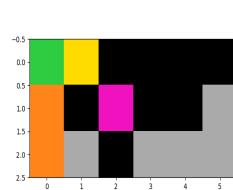


## GPT-4 Generations

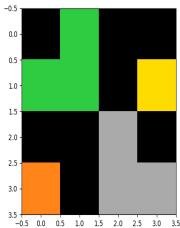
Target



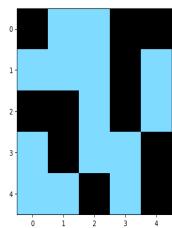
io\_only



nl\_and\_io



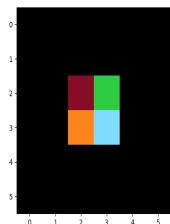
nl\_only



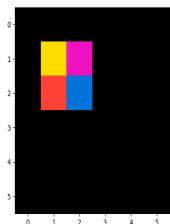
To make the output, you have to... zoom in to the light blue square and change the light blue squares to the color or the exterior corner color that they are closest to.

## Task ID: 93b581b8

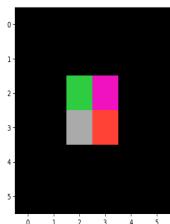
train



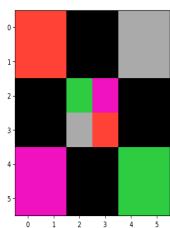
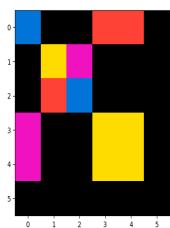
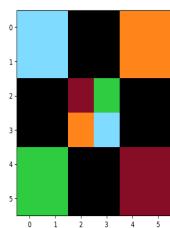
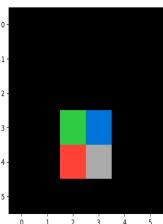
train



train

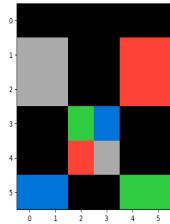


test

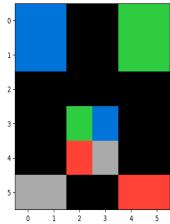


## GPT-4 Generations

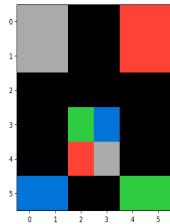
Target



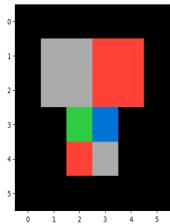
io\_only



nl\_and\_io

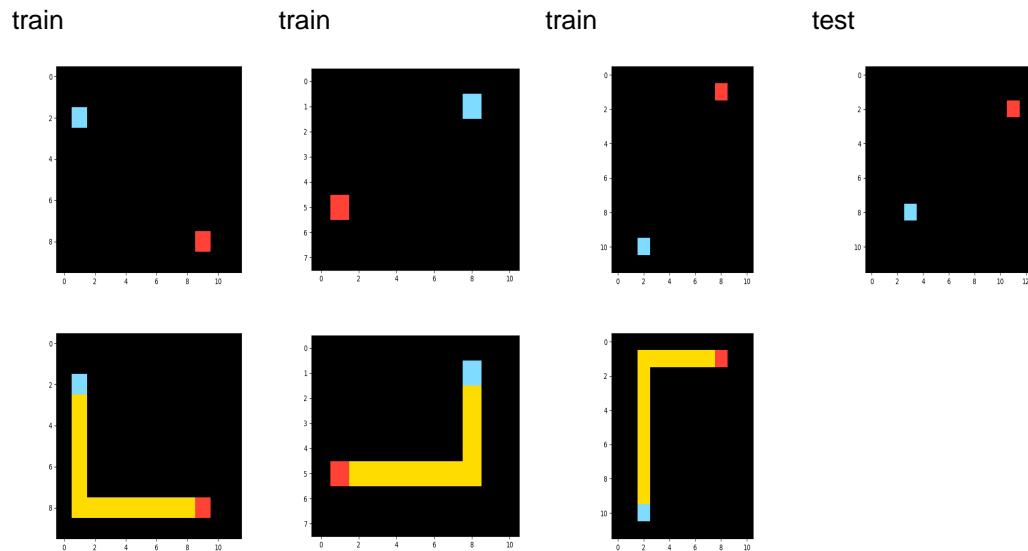


nl\_only

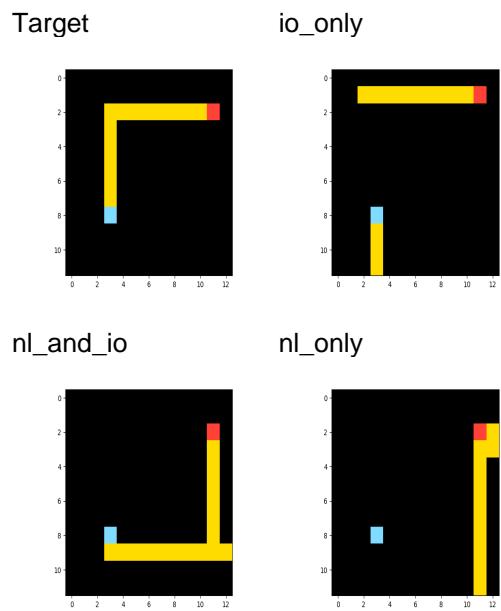


To make the output, you have to... copy the input grid. Then, you will add 4 2x2 blocks to the grid, each touching the corner of the 2x2 colored square in the input. The color of each 2x2 block should be the same color as the opposite corner of the 2x2 colored square. If the 2x2 colored square is not in the center of the input, some of the 2x2 blocks you are adding may be off the page.

### Task ID: d4a91cb9



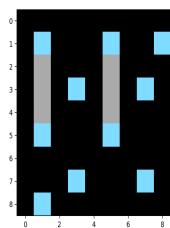
### GPT-4 Generations



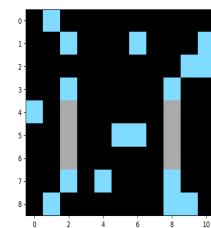
To make the output, you have to...draw a down line with yellow to which the red grid's row meet. and continue the yellow grid to the side of the red grid

## Task ID: 3f7978a0

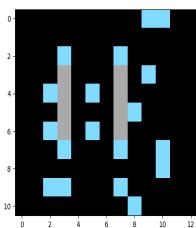
train



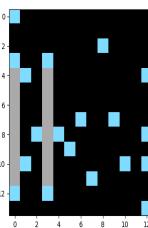
train



train

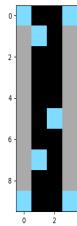


test

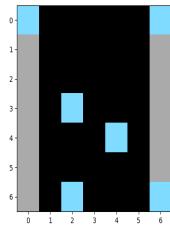


## GPT-4 Generations

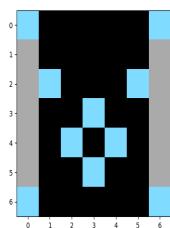
Target



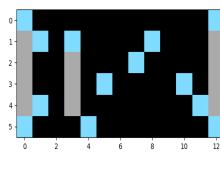
io\_only



nl\_and\_io

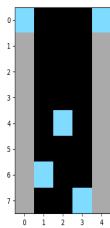


nl\_only

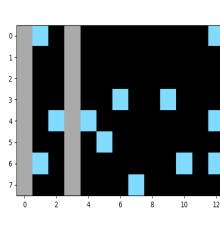


To make the output, you have to...recreate the position of the black space and any blue squares that are between your gray lines. The four corners of your output will be the blue ends of the gray lines in the input. Make sure that the exact amount of black space between the two lines matches the input, and the placement of any blue squares in the black space also matches the exact location in the input. Your output grid should be no bigger on top/bottom or left/right of the blue squares at the end of each gray line.

nl\_and\_io

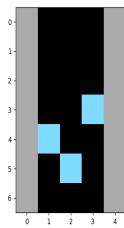


nl\_only

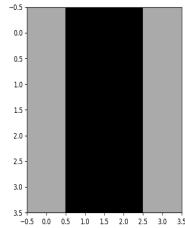


To make the output, you have to...IDENTIFY the "central" pattern in the input grid. This includes the two gray columns with light blue tiles at the top, AND EVERYTHING in-between those two columns. Create an output grid size to match the size of the central pattern, and fill it with that pattern. It's like taking a part of the input grid and enlarging it onto the output grid.

nl\_and\_io

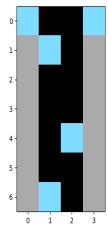


nl\_only

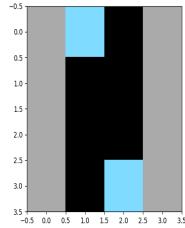


To make the output, you have to... IDENTIFY the "central" pattern in the input grid. This includes the two grey columns with light blue tiles at the top, AND EVERYTHING in-between those two columns. Create an output grid size to match the size of the central pattern, and fill it with that pattern. It's like taking a part of the input grid and enlarging it onto the output grid.

nl\_and\_io

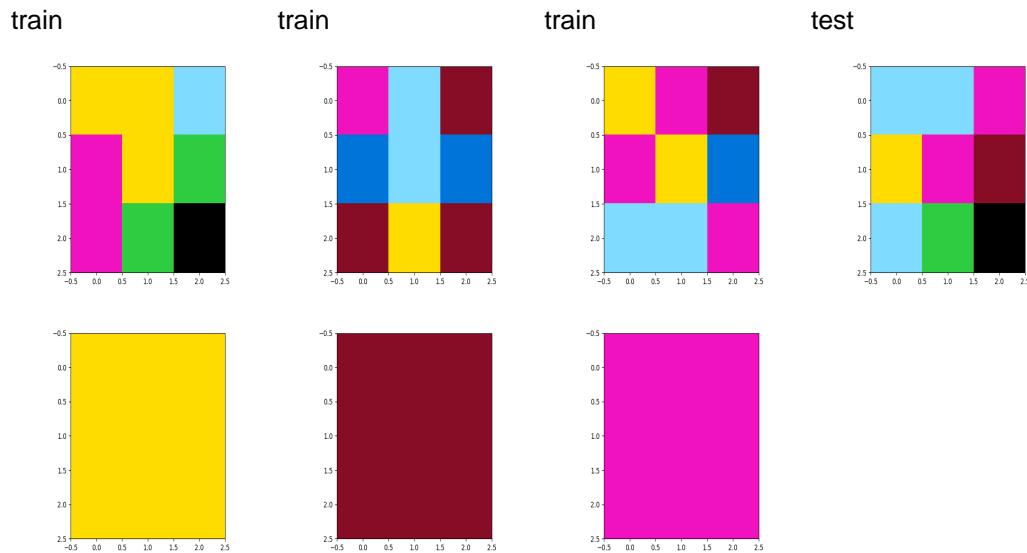


nl\_only

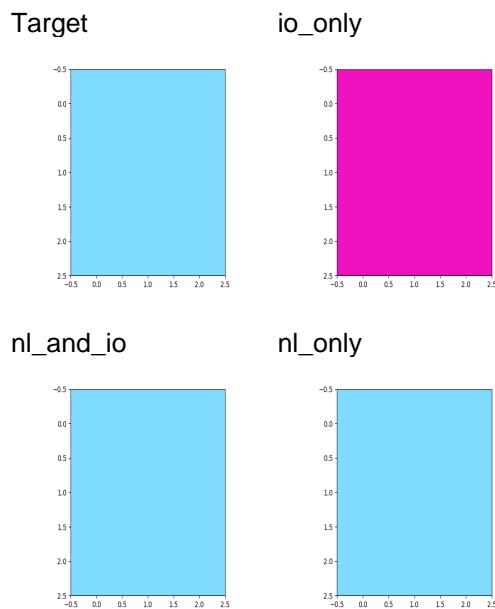


To make the output, you have to... identify the four light blue squares that form a quadrant shape of either a rectangle or a square and then replicate everything inside that shape using the same light blue, gray and black colors.

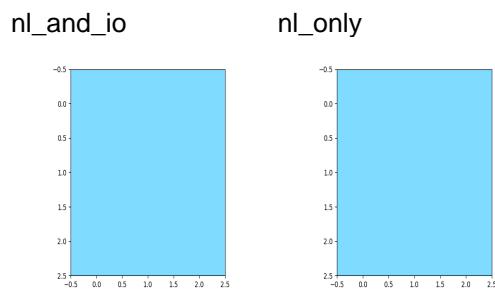
## Task ID: 5582e5ca



## GPT-4 Generations

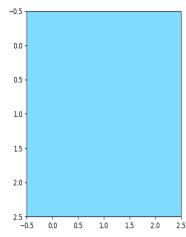


To make the output, you have to... determine which color is used the most in the input grid and make the entire grid that color

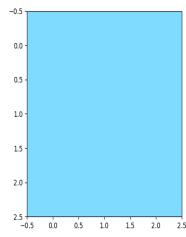


To make the output, you have to...determine what color is used the most in the input grid and make the entire output grid that color.

`nl_and_io`

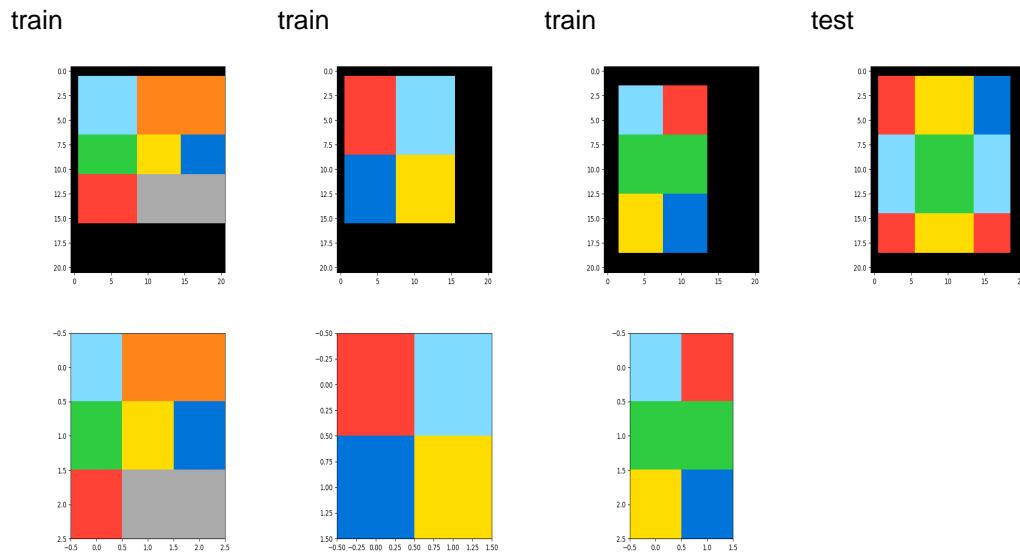


`nl_only`

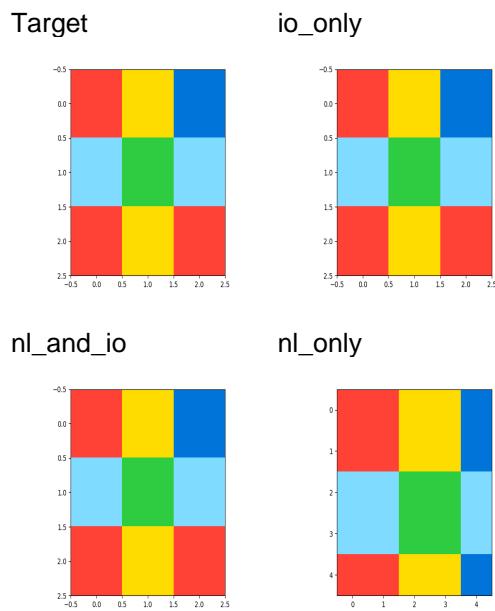


To make the output, you have to...determine which color is used for the majority of the squares in the input grid, then use that color for the entire output grid.

## Task ID: 90c28cc7

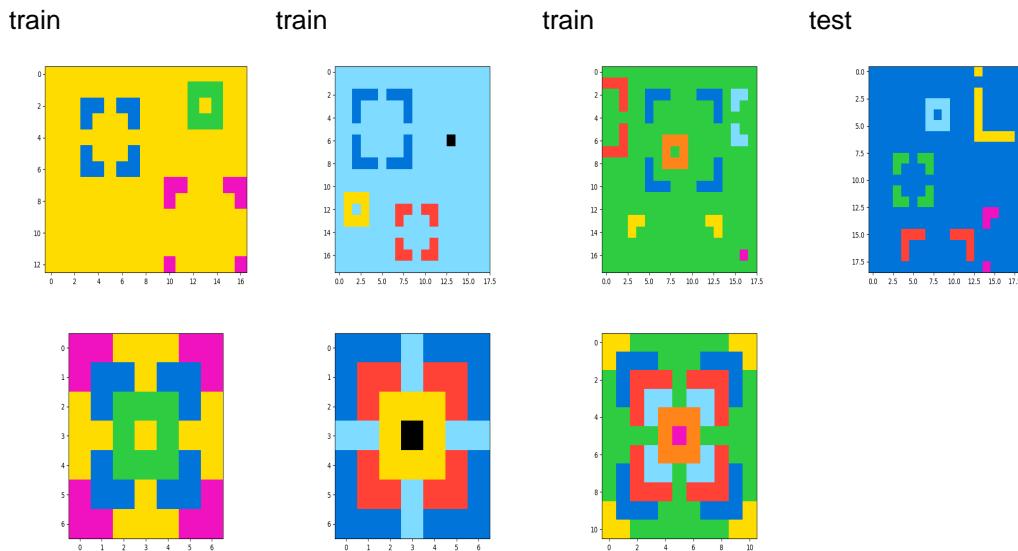


## GPT-4 Generations

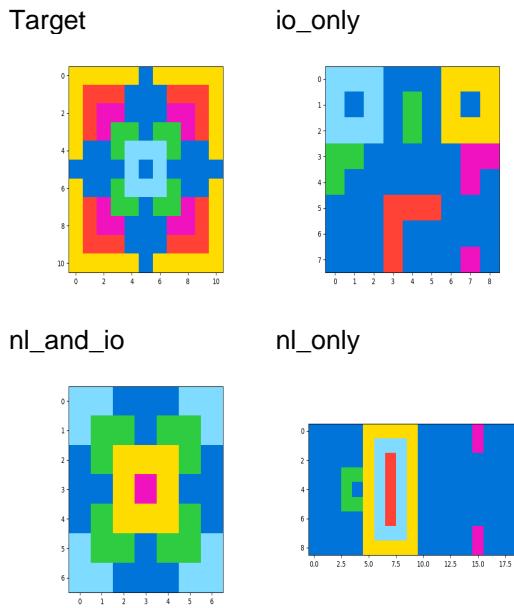


To make the output, you have to...consider only the colored part of the input. Create a similar square or rectangle, using the least number of squares.

## Task ID: 4290ef0e

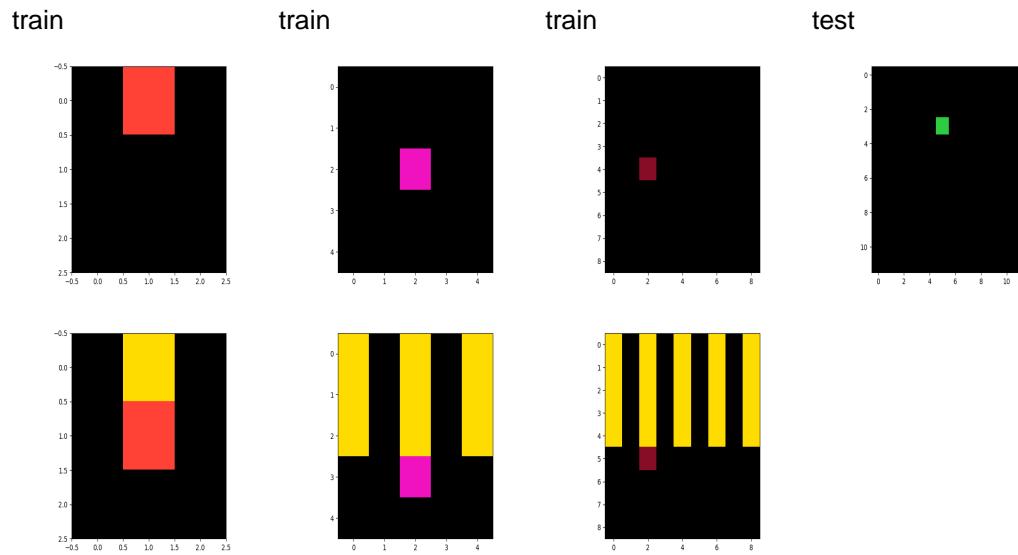


## GPT-4 Generations

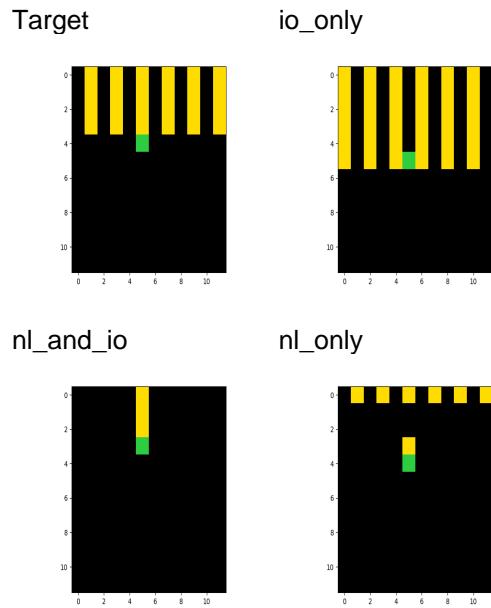


To make the output, you have to... copy the background color and place all of the shapes in order of size within each other. Square will be in the center, box around that, then corners until all shapes fit exactly in the size of the grid. Keep all shapes their original color.

## Task ID: 834ec97d



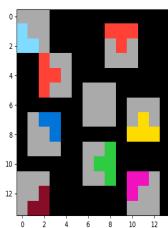
## GPT-4 Generations



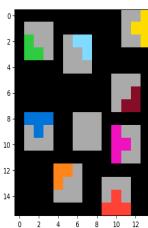
To make the output, you have to...move the square that's not yellow down one space. Then create a yellow line above the square to the top of the grid. Next, leave a black column on both sides of the yellow. Then, make identical yellow columns using this pattern.

## Task ID: a8c38be5

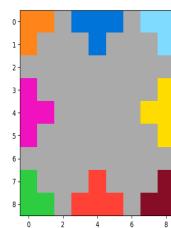
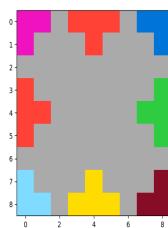
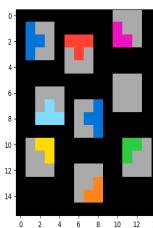
train



train

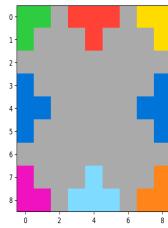


test

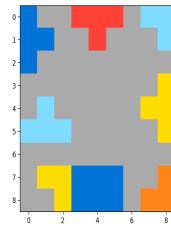


## GPT-4 Generations

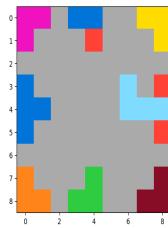
Target



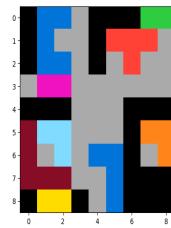
io\_only



nl\_and\_io

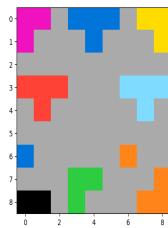


nl\_only

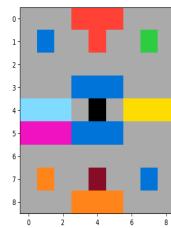


To make the output, you have to... rearrange each of those squares fully that colors line up along the edge. Start with the fully gray 3x3 in the middle. Then corners should line up in the corners that the color touches the edge. Rearrange the rest of the 3x3 grids that the color remains on the edge.

nl\_and\_io

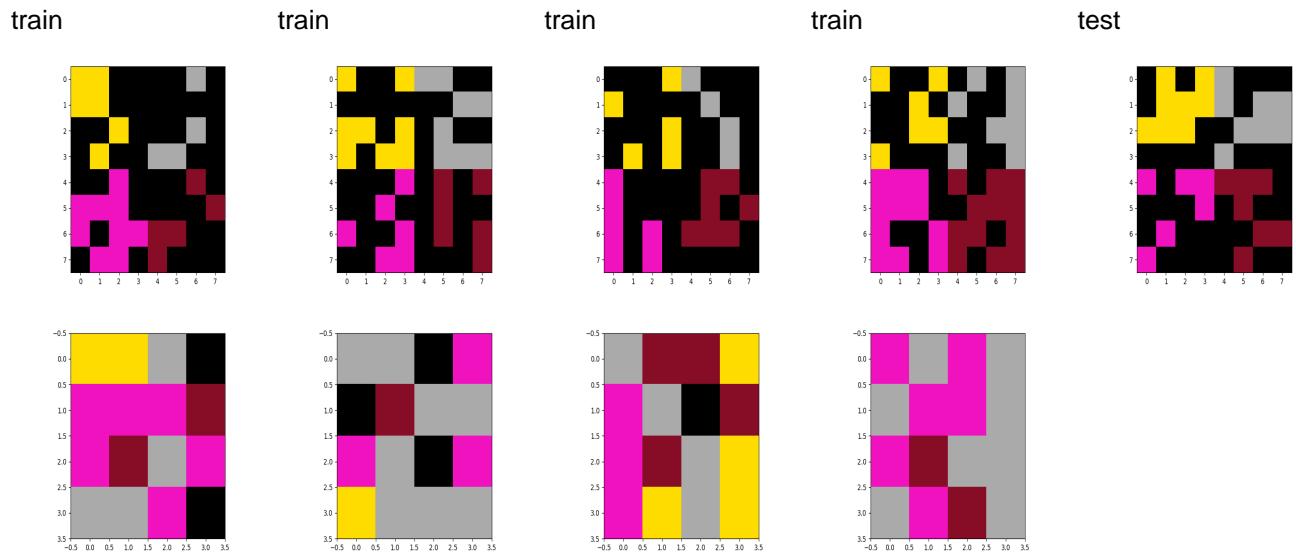


nl\_only

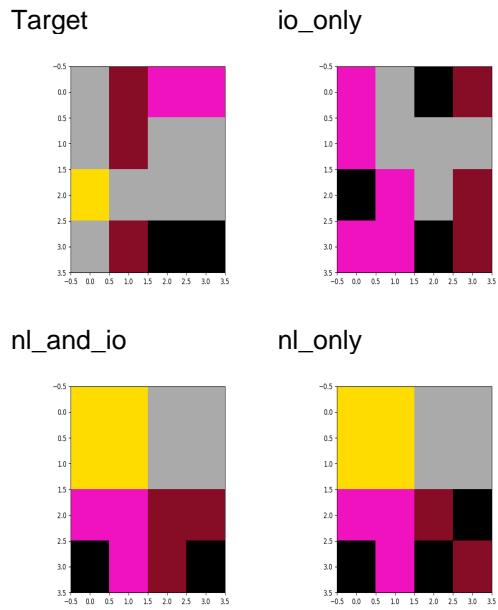


To make the output, you have to...make sure the background is all gray. Then place the colors and shapes you see in the input in the right place. The corners should go in the corners. the t-shape should go at the top in the middle, the upside down t-shape should go at the bottom in the middle, the two side way t-shapes should go on the left and right side in the middle so that the long side is against to the left and right. Make sure to keep the same colors for each

## Task ID: 75b8110e

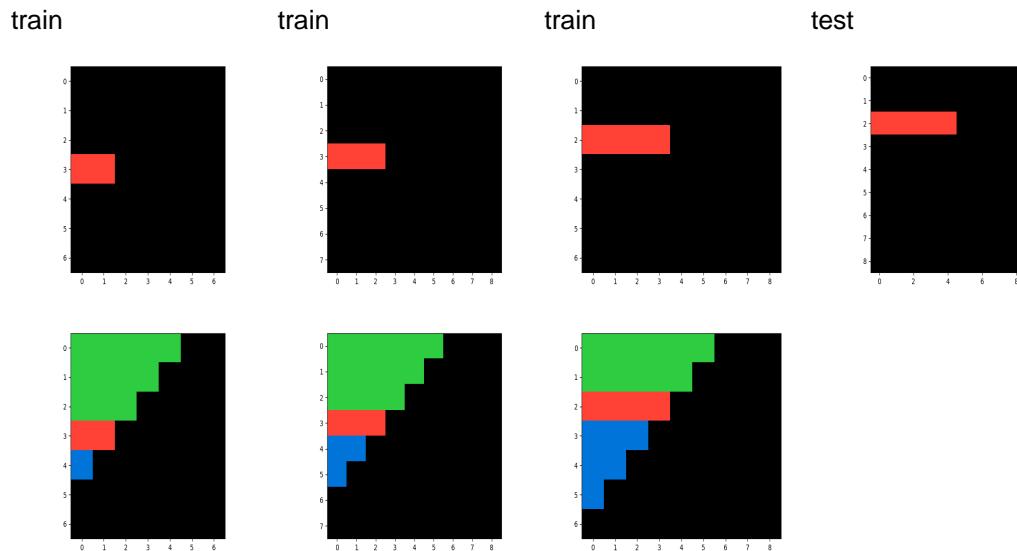


## GPT-4 Generations

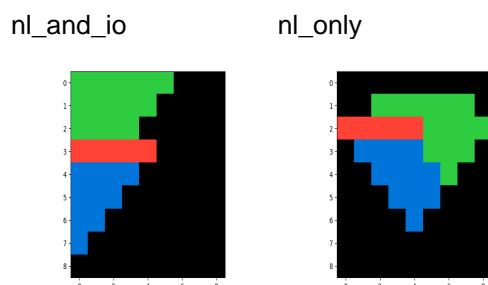
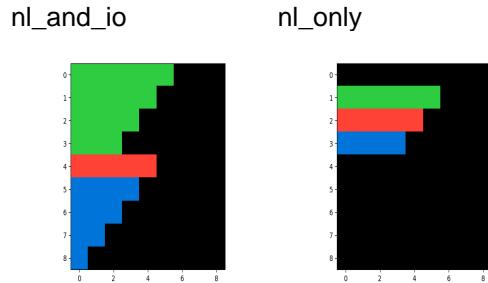
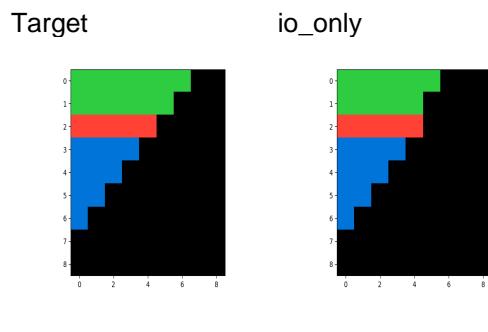


To make the output, you have to... resize the output grid to 4x4.  
 Copy the top-left (yellow) pattern. Then, superimpose the bottom-right (brown) pattern on top. Then, superimpose the bottom-left pattern (pink) on top. Then, superimpose the top-right (gray) pattern on top.

## Task ID: a65b410d



## GPT-4 Generations

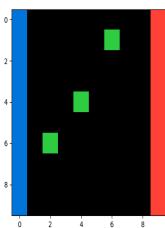


To make the output, you have to...place the horizontal bar in the exact position in the output. Then add 1 to the number of orange squares and fill in that number of squares directly above the orange bar, but in GREEN, beginning with the leftmost square. Then add another 1, and fill in that number of squares in another green horizontal bar right above. Continue doing that all the way to the top. Then subtract the number of the original orange squares by 1, then draw under the orange bar the new number of squares in BLUE, also beginning with the leftmost square. Repeat until the number of blue squares is 1. Draw that, then you are done.

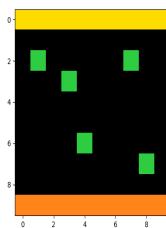
To make the output, you have to...copy your red input boxes to the output grid. Make an exact same line (as red) in green, but also add 1 green box. Repeat moving up until your top portion is colored in green with -1 box moving downward. Go to the box(es) just BELOW your red line. Make a new line (or box) in blue, but -1 less blue box than the number of red box(es). Repeat this in blue until you only have ONE black box (row) left on the bottom. In the end you will have green, red, blue and it will zig-zag getting smaller as you go down. Be sure to leave the very bottom row all black.

## Task ID: 2204b7a8

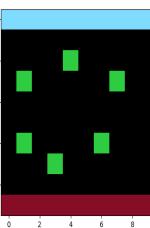
train



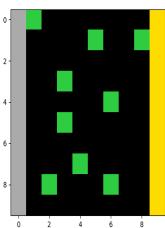
train



train

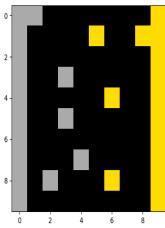


test

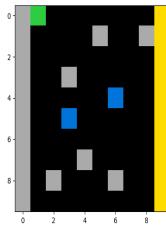


## GPT-4 Generations

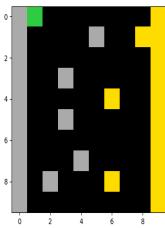
Target



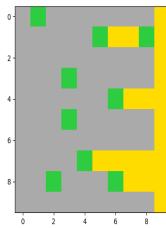
io\_only



nl\_and\_io

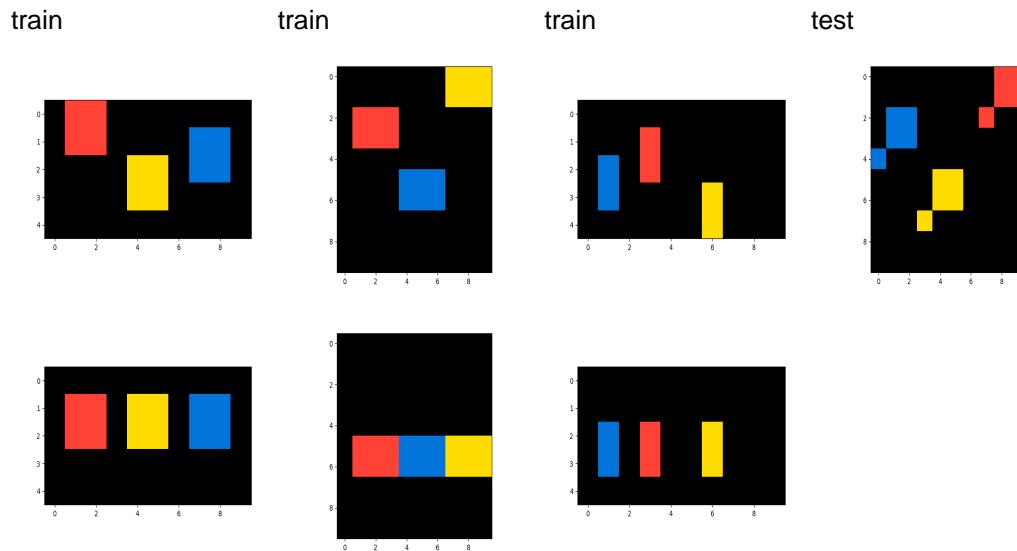


nl\_only

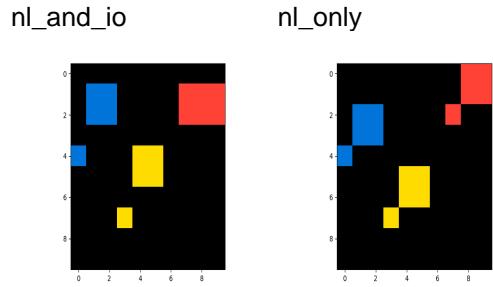
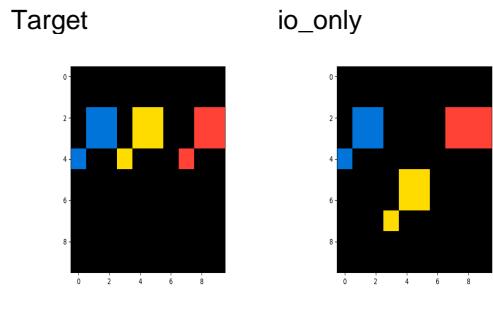


To make the output, you have to...change the color of the block in the middle of the grid to match the color of the side they are closest to.

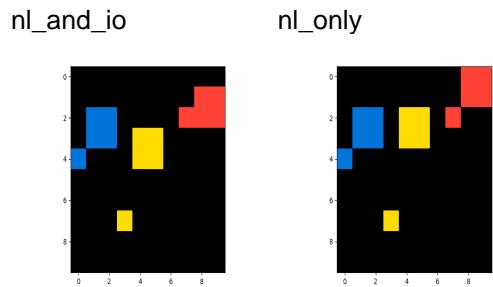
## Task ID: 1caeab9d



## GPT-4 Generations

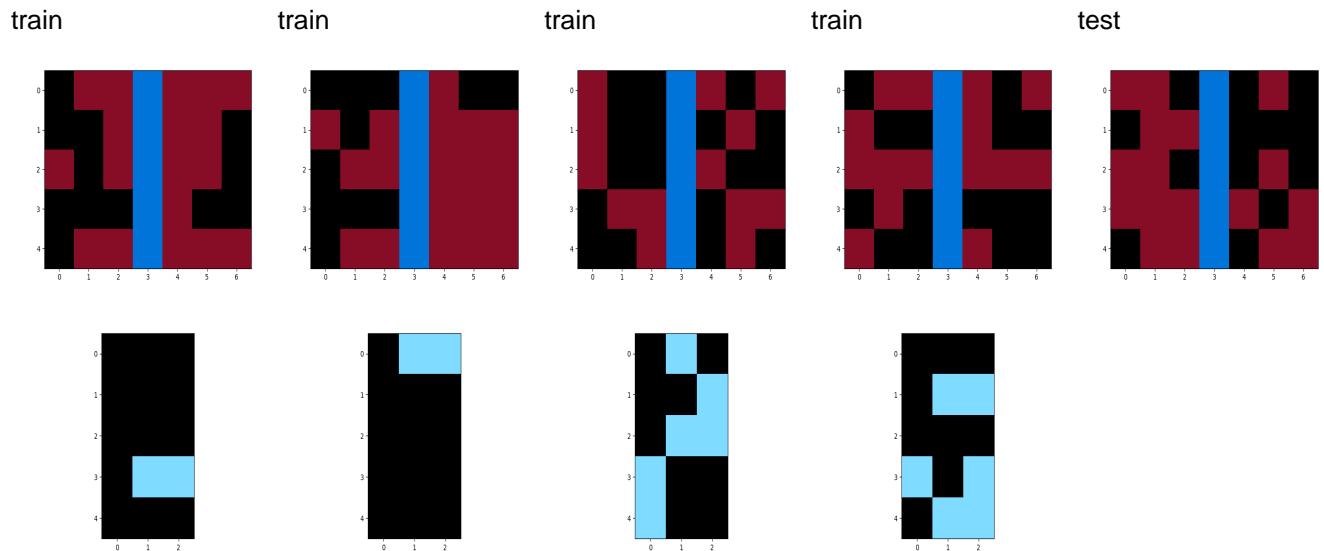


To make the output, you have to...keep the blue shape where it is, and move the red and yellow shapes up or down so that they are at the same level as the blue-colored shape.

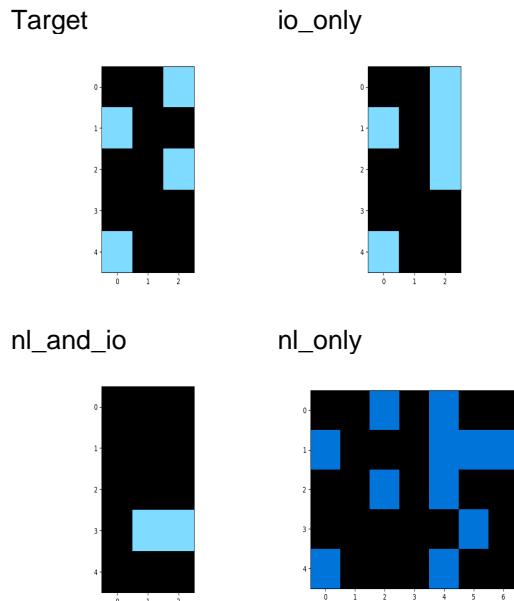


To make the output, you have to...keep the blue pattern where it is and bring the yellow and red patterns up or down onto the same level as the blue one.

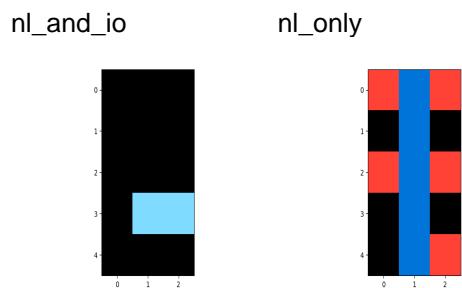
## Task ID: 1b2d62fb



## GPT-4 Generations

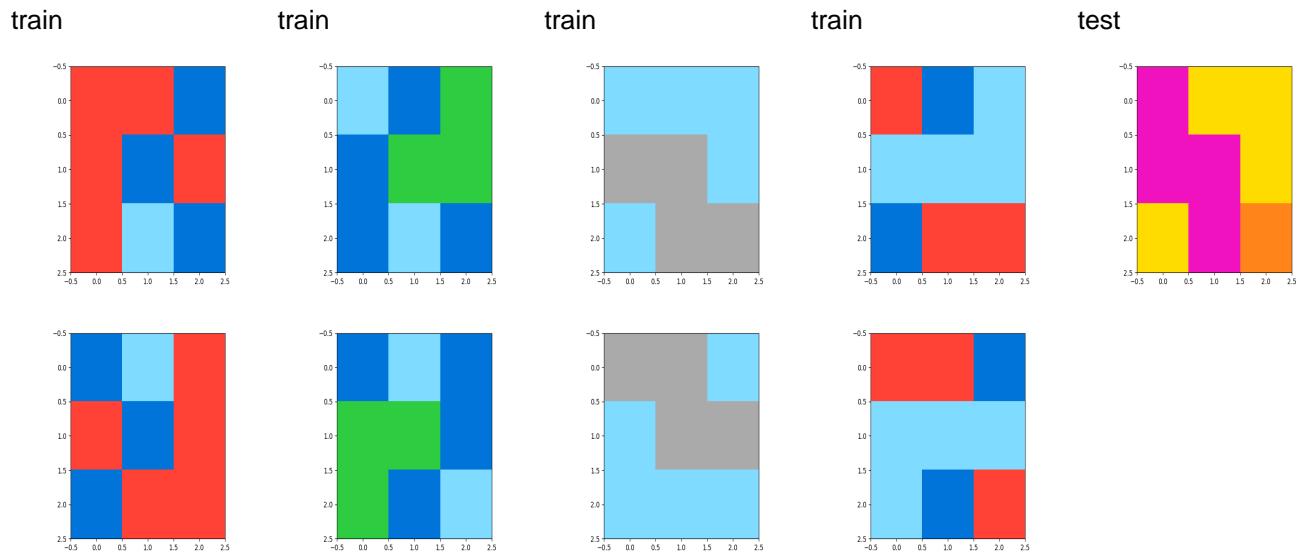


To make the output, you have to...change the entire background in black and you have to watch the black space in both input pattern compare them now color the similar black space with light blue color.

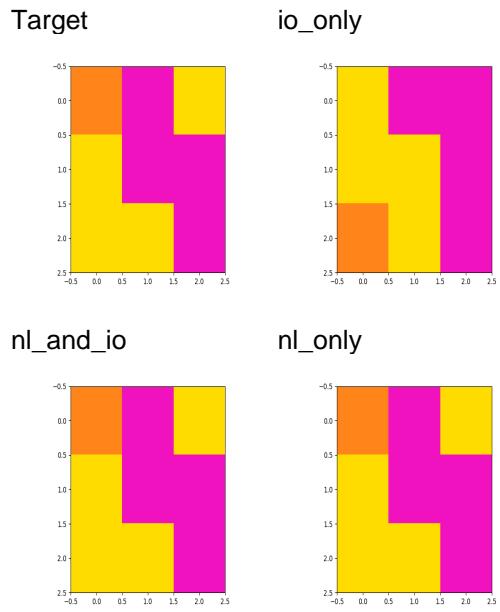


To make the output, you have to... put both pattern together, if it is red in either pattern make it red in the output. Then turn the black light blue and the red black.

## Task ID: 3c9b0459

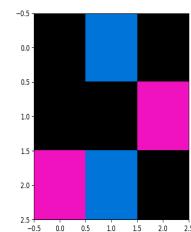
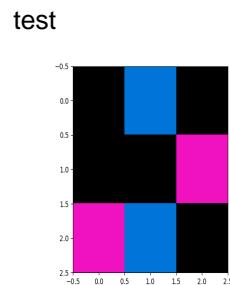
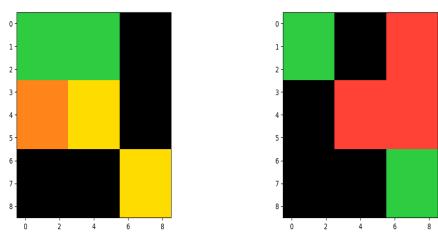
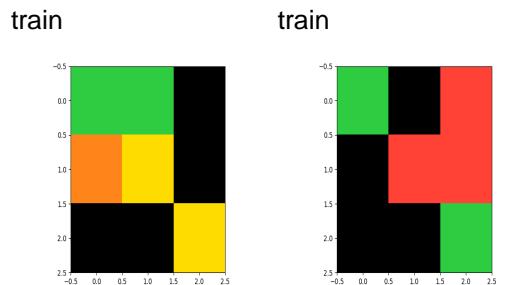


## GPT-4 Generations

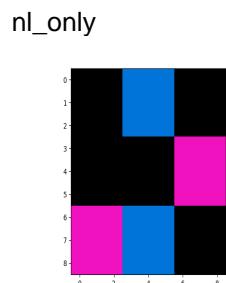
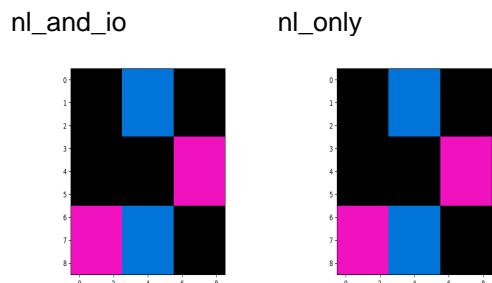
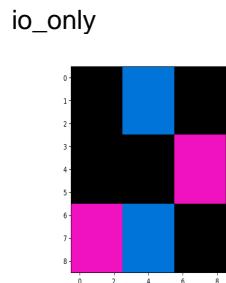
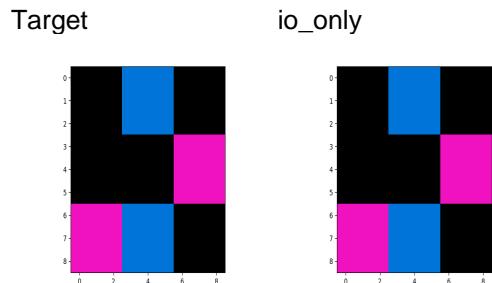


To make the output, you have to... Create the same pattern as the input, just rotated 180 degrees. Done.

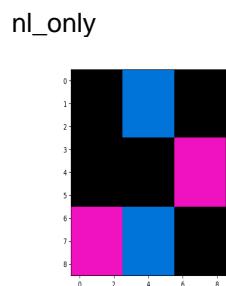
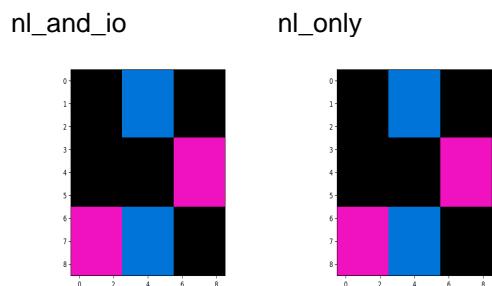
## Task ID: 9172f3a0



## GPT-4 Generations

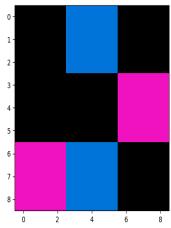


To make the output, you have to...each tile in the input grid is a 3x3 grid pattern on the output. Keep same color and pattern but increase to a 9x9 grid

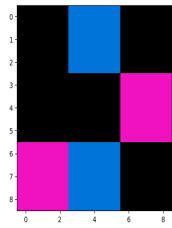


To make the output, you have to...use the same colors in the same position

nl\_and\_io

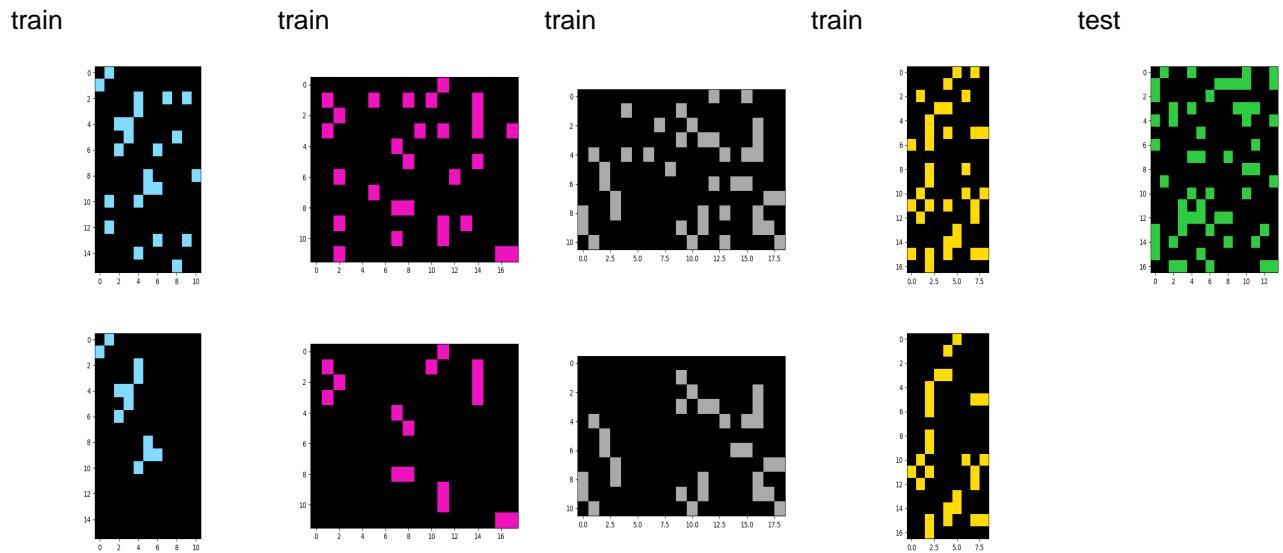


nl\_only

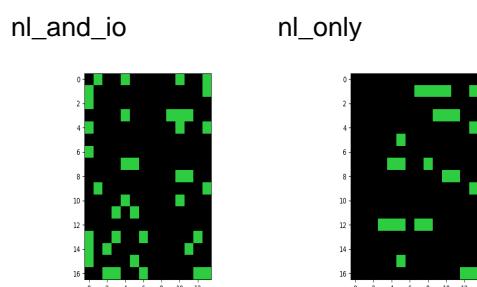
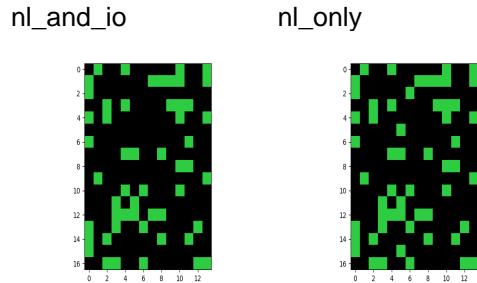
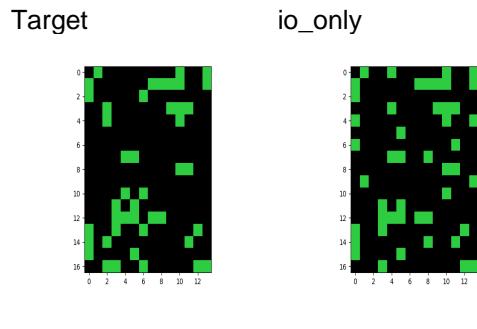


To make the output, you have to... copy the same colors in the same position. For every single grid in the input, it should be changed to a 3x3 of color each in the output

## Task ID: 42a50994



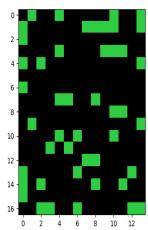
## GPT-4 Generations



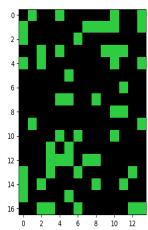
To make the output, you have to... copy the input grid. Identify which pixels are connected or touching another pixel and which are singletons not touching any other. Change the color of each singleton pixel to the color of the background. Done.

To make the output, you have to...remove all the single pixels

nl\_and\_io

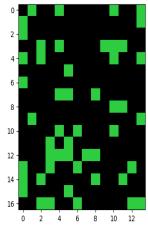


nl\_only

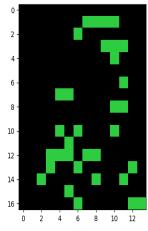


To make the output, you have to...copy the input grid, identify which pixels are connected or touching any other and change background colors of single pixels to the background color or black. Done

nl\_and\_io

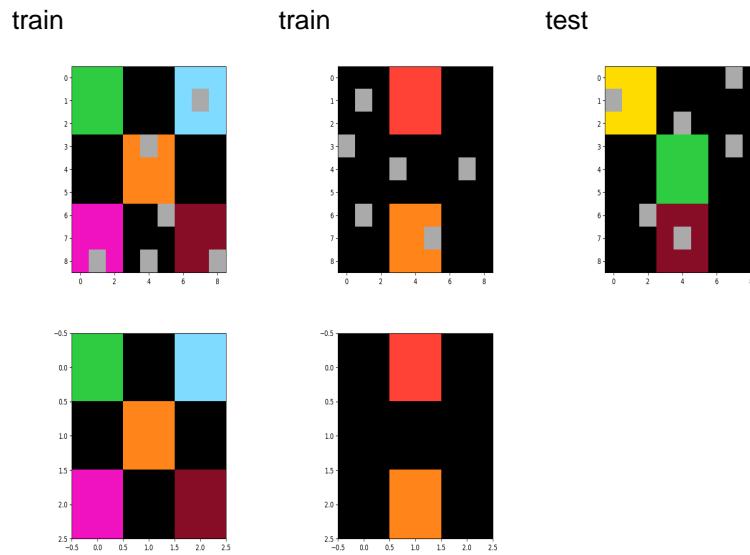


nl\_only

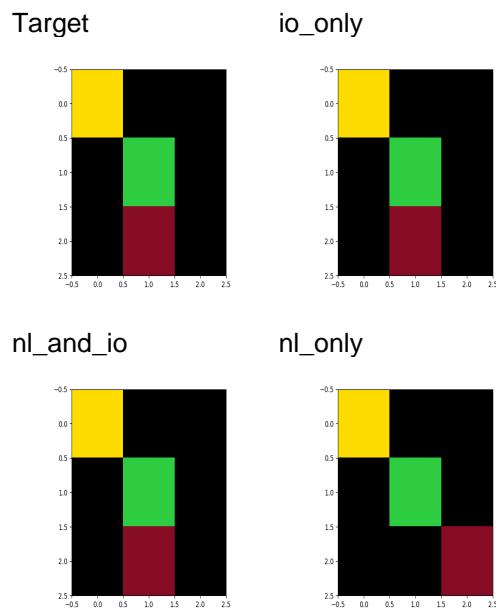


To make the output, you have to...find the single colored dots that have not connect with others. you have to remove the dots that is not connected with others and leave it as black.

## Task ID: 5614dbcf



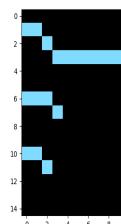
## GPT-4 Generations



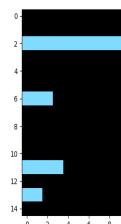
To make the output, you have to...changed the colored squares in the input grid to a single square of the grid. So that an input grid 3x3 colored square is turned into a single filled square of the same color on the input grid. the same color

## Task ID: 90f3ed37

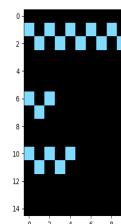
train



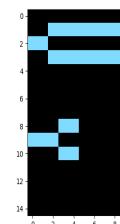
train



train

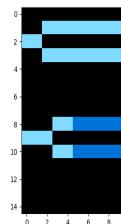


test

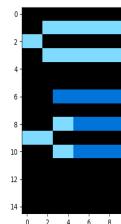


## GPT-4 Generations

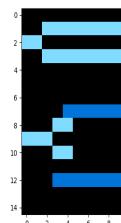
Target



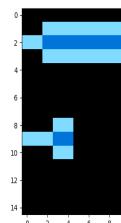
io\_only



nl\_and\_io

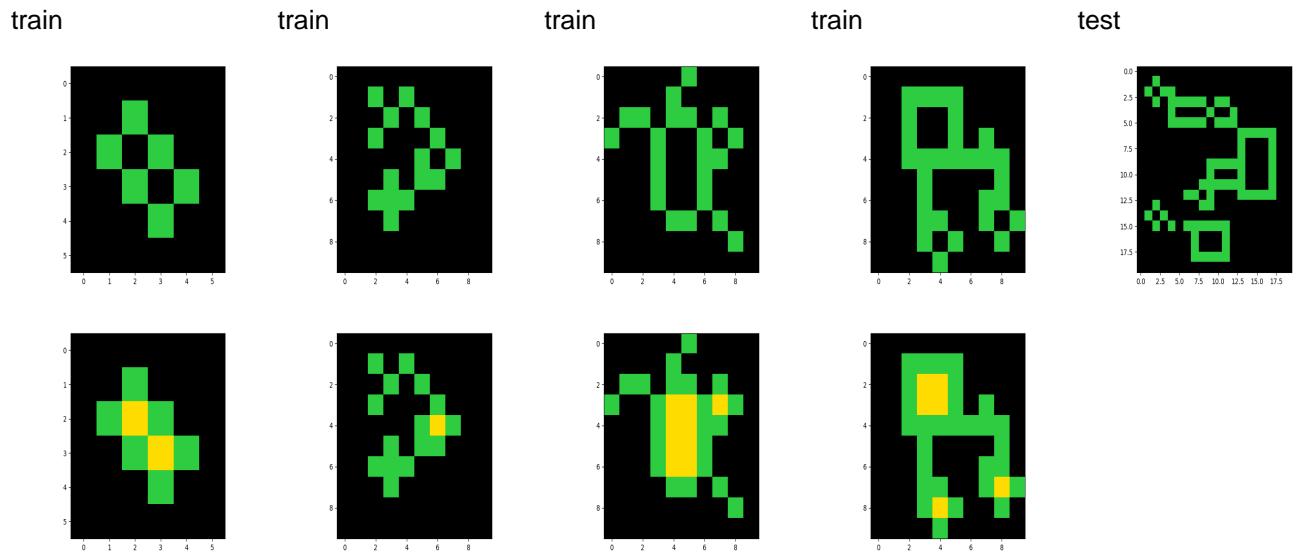


nl\_only

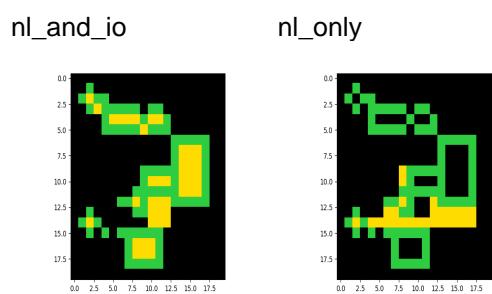
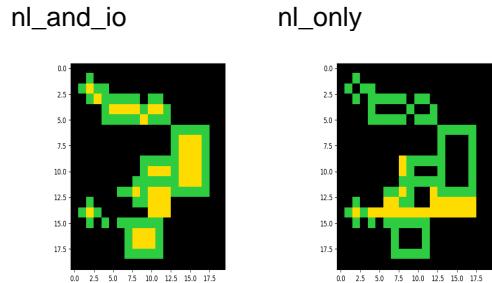
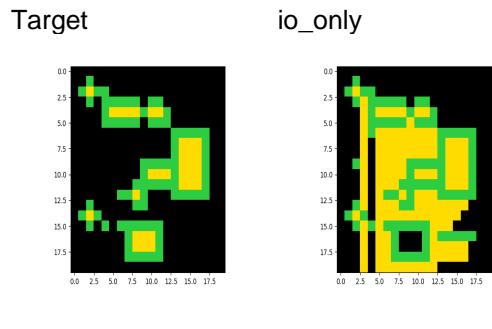


To make the output, you have to... finish the line so that it is the same as the top line but finish the line in dark blue

## Task ID: 00d62c1b



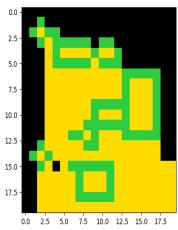
## GPT-4 Generations



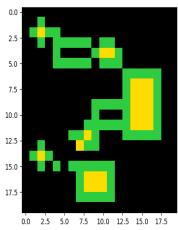
To make the output, you have to...look at the color that form the design in the input.Find any empty areas of blocks that are enclosed by the lines that form the main design, fill them yellow.You should end with the same original design from the input, but with the empty areas filled yellow.

To make the output, you have to...look at the color that form the design in the input.Find any empty areas of blocks that are enclosed by the lines that form the main design, fill them yellow.You should end with the same original design from the input, but with the empty areas filled yellow.

nl\_and\_io

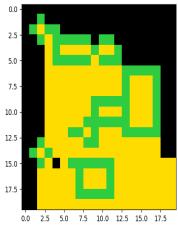


nl\_only

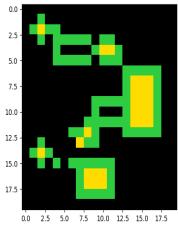


To make the output, you have to... Fill each enclosed hole with yellow

nl\_and\_io

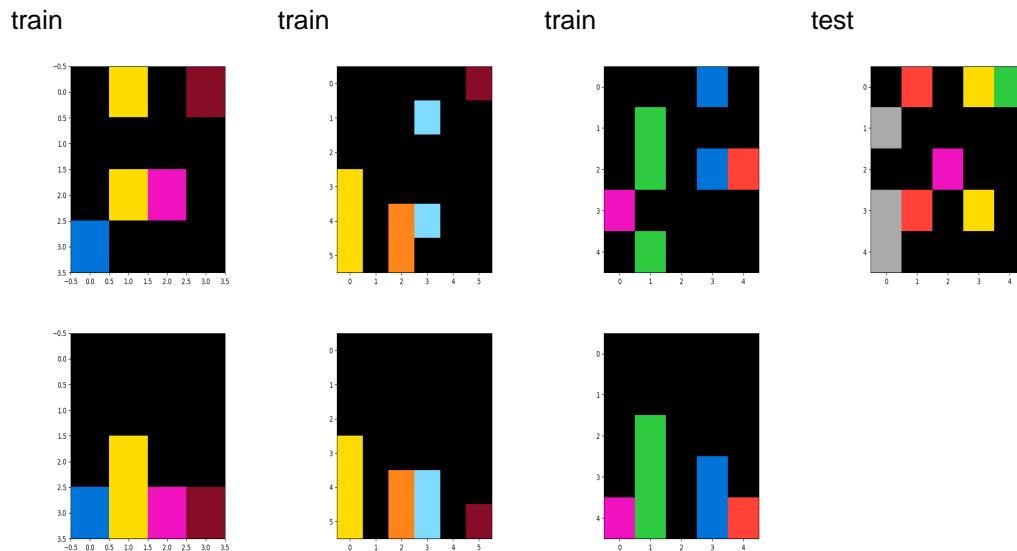


nl\_only

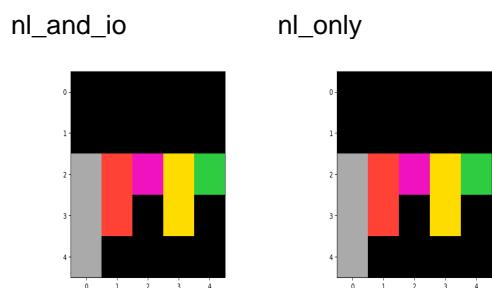
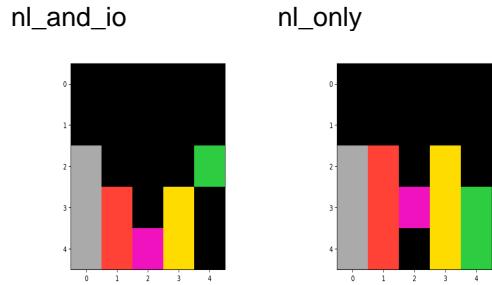
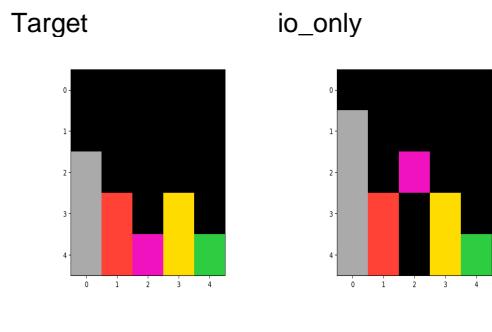


To make the output, you have to... Fill each enclosed hole with yellow

## Task ID: 1e0a9b12



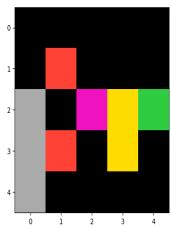
## GPT-4 Generations



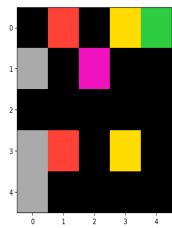
To make the output, you have to... think of the grid as a black field and as the colored squares as being objects floating in space. Gravity is suddenly turned on and all of the block fall vertically to the bottom. That produces the correct output grid.

To make the output, you have to... move the squares downward toward the bottom of the grid. All squares of the same color should rest on top of the other squares of the same color in a column, with the bottom of each column on the bottom row of the grid. The rest of the squares remain black.

nl\_and\_io



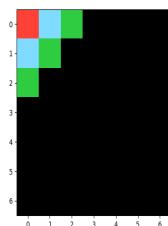
nl\_only



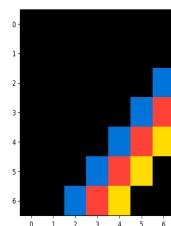
To make the output, you have to...move all pixels down. The colors do not change. Simply move all pixels down until they sit on top of each other. There should not be any black pixels between the same color in a column.

## Task ID: 05269061

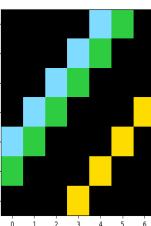
train



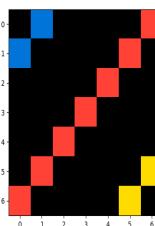
train



train

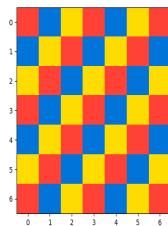


test

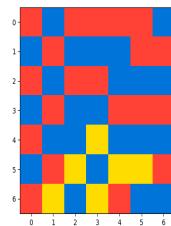


## GPT-4 Generations

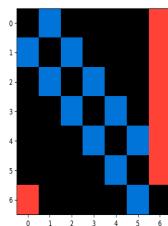
Target



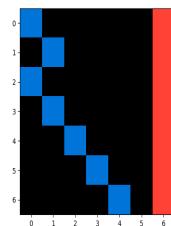
io\_only



nl\_and\_io

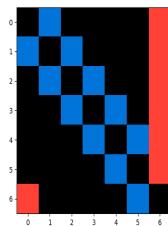


nl\_only

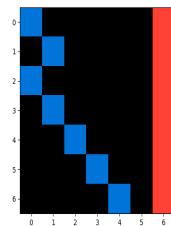


To make the output, you have to...fill the black grid with same pattern of row color, next row need to replace the same pattern of first row one column move shifted left

nl\_and\_io

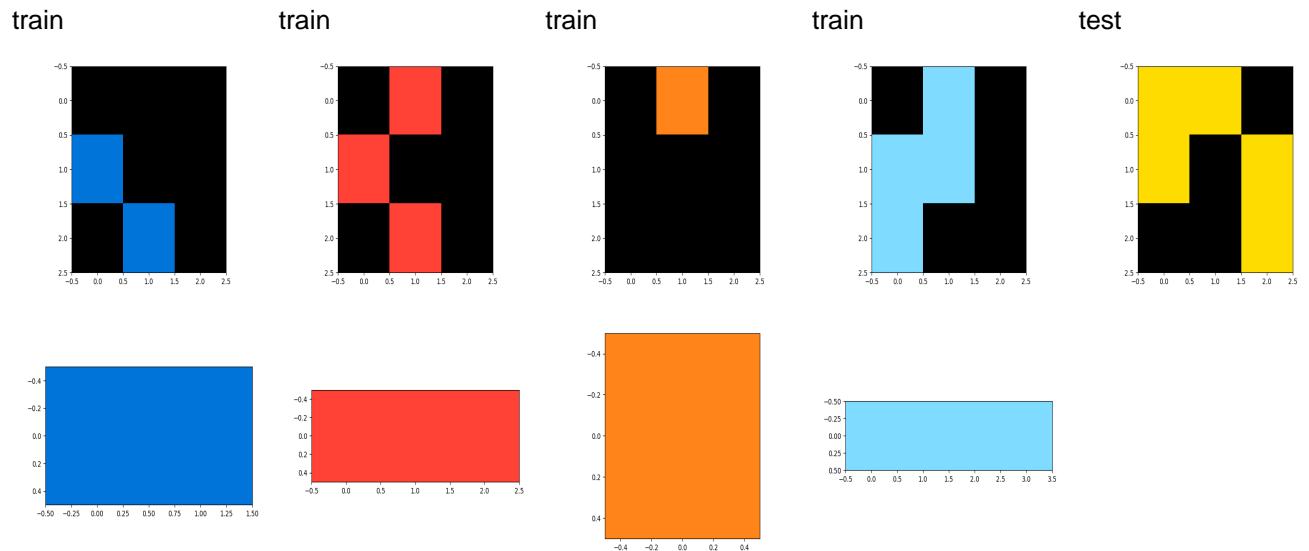


nl\_only



To make the output, you have to...fill the black grid with same pattern of row color, next row need to replace the same pattern of first row one column move shifted left

## Task ID: d631b094

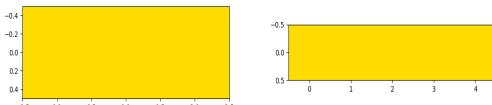


## GPT-4 Generations

Target                    io\_only

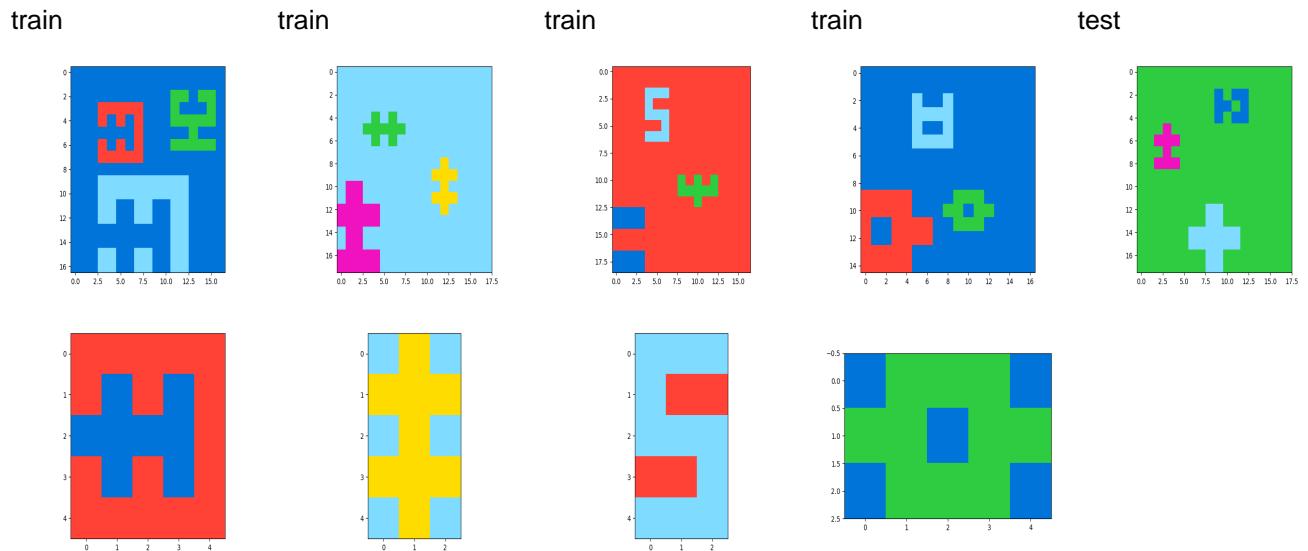


nl\_and\_io                nl\_only

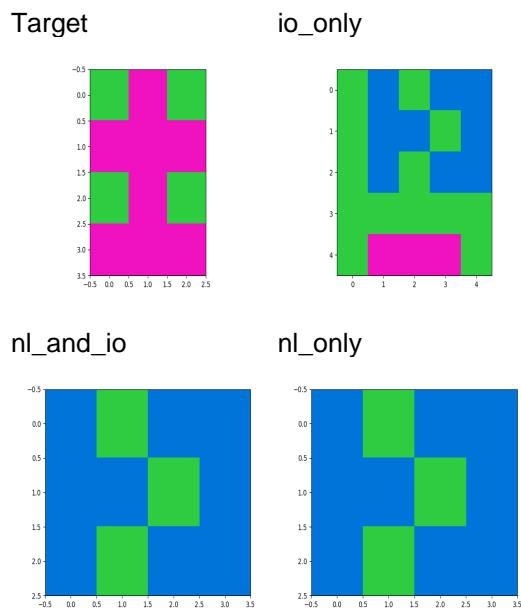


To make the output, you have to...color the whole output grid the color of the colored input grid blocks so there is a horizontal line of colored blocks

## Task ID: ce602527

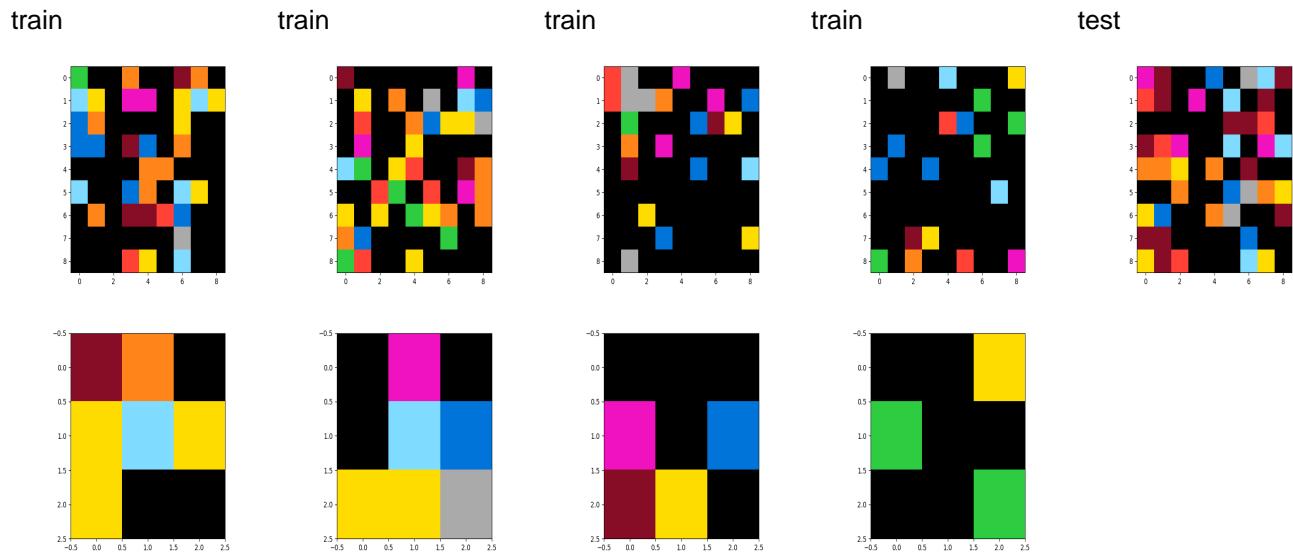


## GPT-4 Generations

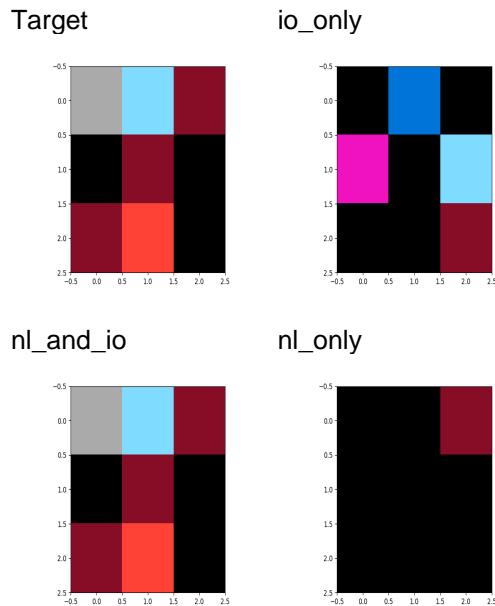


To make the output, you have to...copy the design just as it is

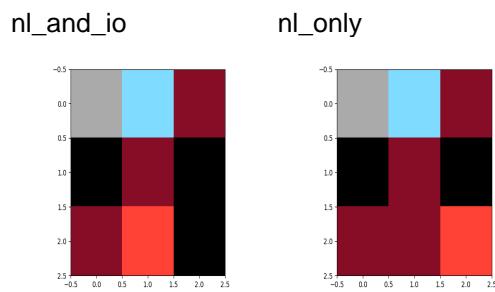
## Task ID: 5bd6f4ac



## GPT-4 Generations

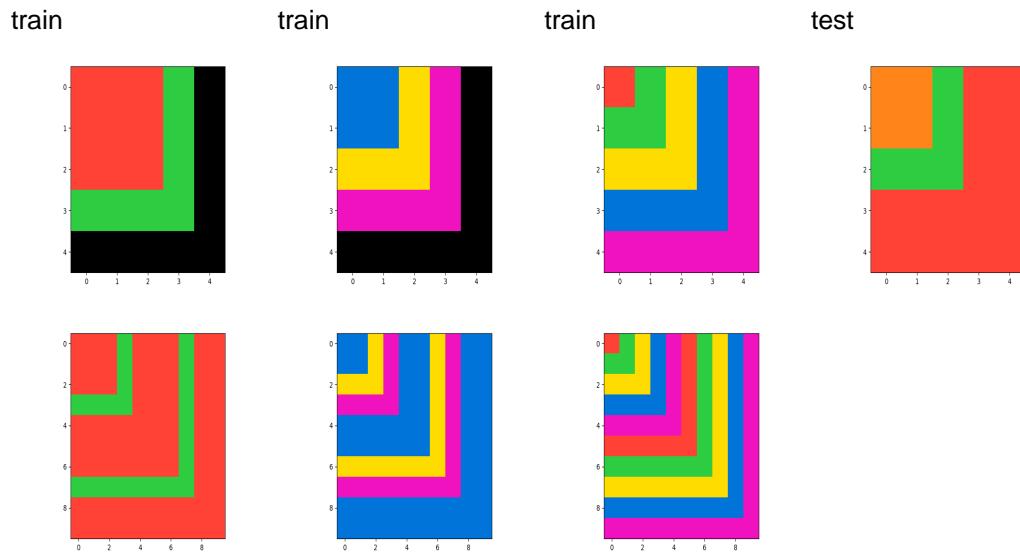


To make the output, you have to...color the only top right color

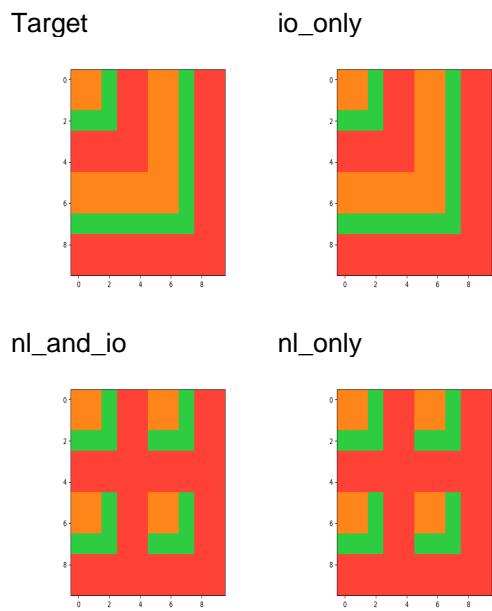


To make the output, you have to...you only want the top right corner - the top third and right third of the grid

## Task ID: 539a4f51



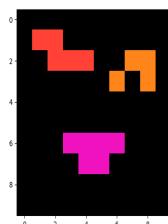
## GPT-4 Generations



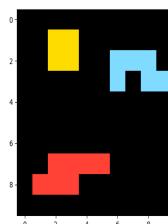
To make the output, you have to...replicate the pattern in the input box and continue repeating until all the boxes in your 10x10 grid have a color in them (no black around the outside edge). You're making the exact pattern, but miniaturized and repeating. Depending upon input, your pattern will repeat 2-6 times.

## Task ID: 72ca375d

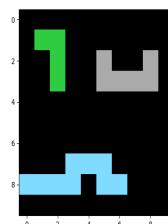
train



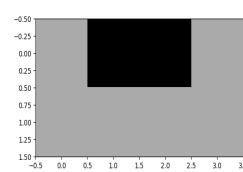
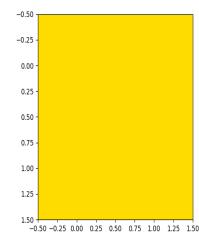
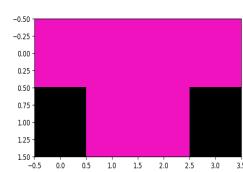
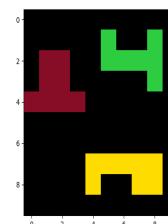
train



train

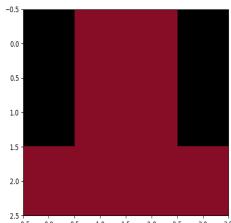


test

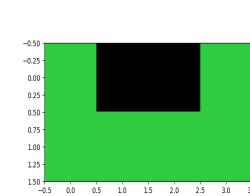


## GPT-4 Generations

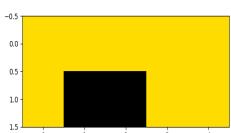
Target



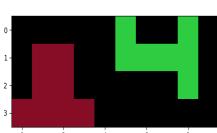
io\_only



nl\_and\_io

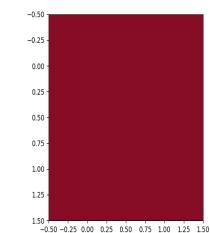


nl\_only

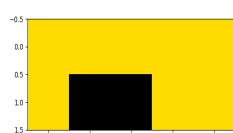


To make the output, you have to...copy one of the figures and just that figure.

nl\_and\_io

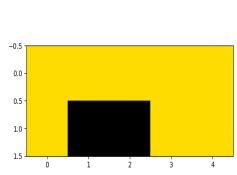


nl\_only

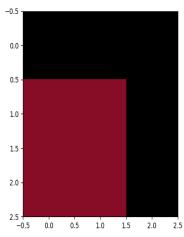


To make the output, you have to...copy one of the figures and just that figure

nl\_and\_io



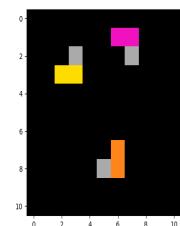
nl\_only



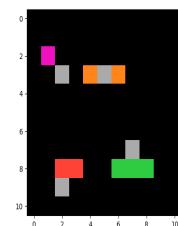
To make the output, you have to...copy one of the shapes by itself  
and keep the black squares if there are any

## Task ID: 137eaa0f

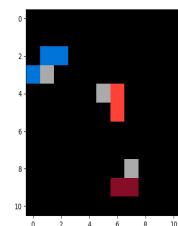
train



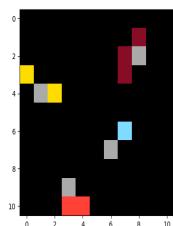
train



train

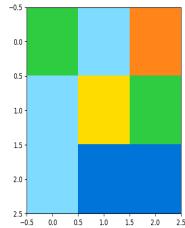


test

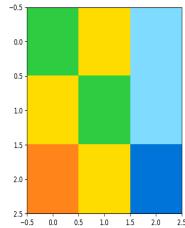


## GPT-4 Generations

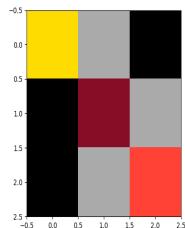
Target



io\_only



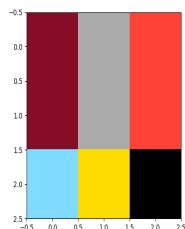
nl\_and\_io



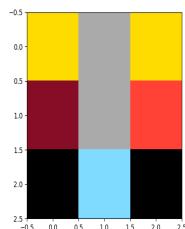
nl\_only

To make the output, you have to...In the input, you should see...single object fill grid

nl\_and\_io



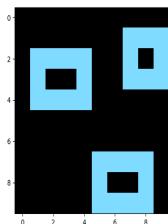
nl\_only



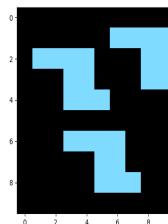
To make the output, you have to...move each pattern so that the gray square in each pattern occupies the center square of the output 3x3 grid.

## Task ID: b230c067

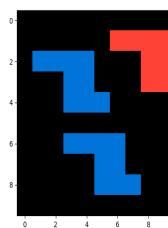
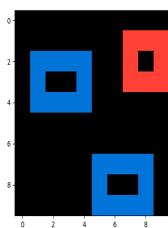
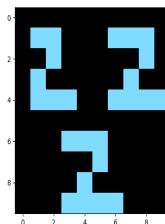
train



train

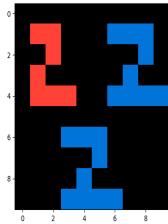


test

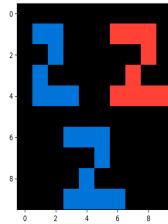


## GPT-4 Generations

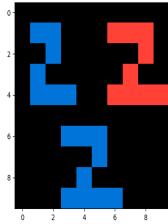
Target



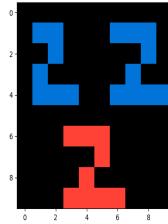
io\_only



nl\_and\_io

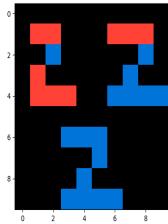


nl\_only

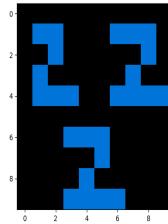


To make the output, you have to...color the two similar shapes the same dark blue color and then change the third shape to the red color.

nl\_and\_io

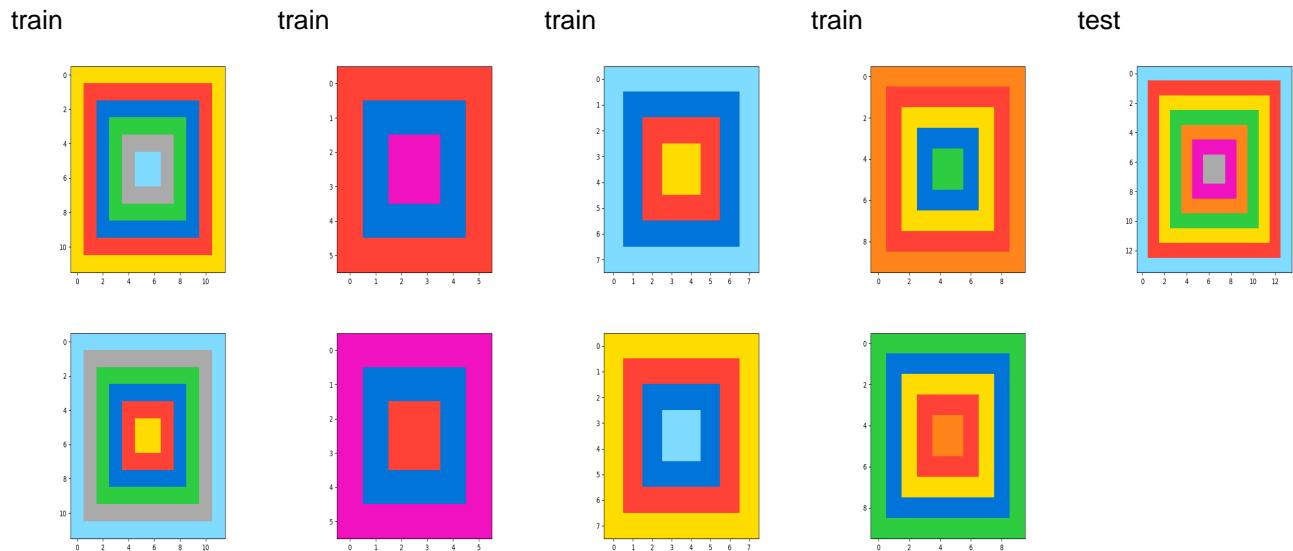


nl\_only

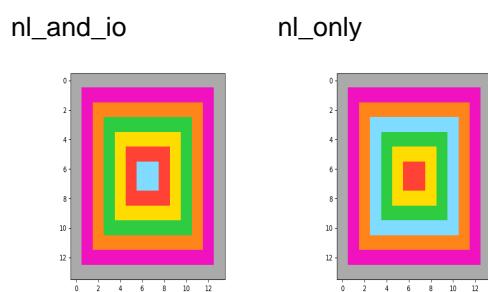
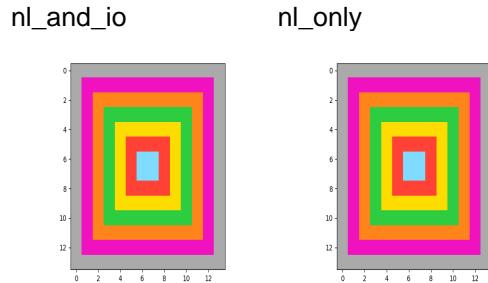
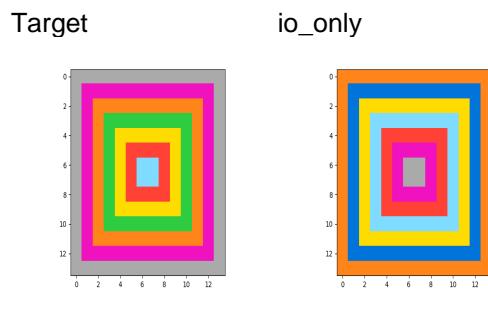


To make the output, you have to....similar pattern with singleton color

## Task ID: 85c4e7cd



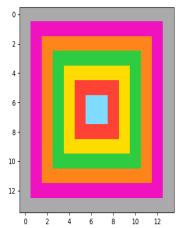
## GPT-4 Generations



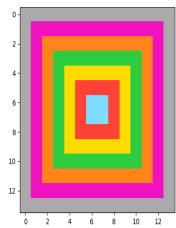
To make the output, you have to...replace the inner most color with the outer most colors and complete the same steps with every color until all have been changed. In other words, invert the order of the colors.

To make the output, you have to...reverse the order of the colors, so the color in the center of the original grid is now the color of the outermost layer. Continue this pattern.

nl\_and\_io



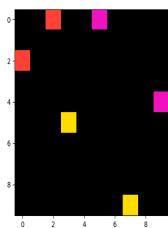
nl\_only



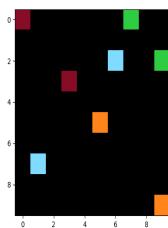
To make the output, you have to...replace the inner most color with the outer most color and complete the same step with every color until all have been changed. In other words, invert the order of the colors.

## Task ID: 1f876c06

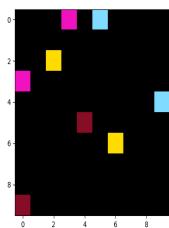
train



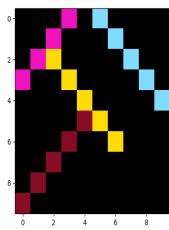
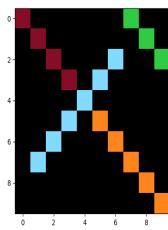
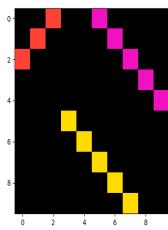
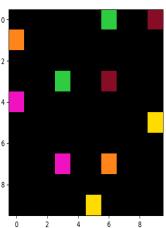
train



train

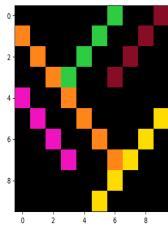


test

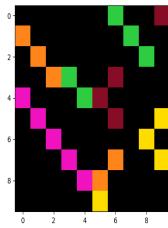


## GPT-4 Generations

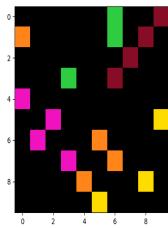
Target



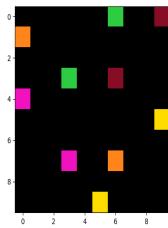
io\_only



nl\_and\_io



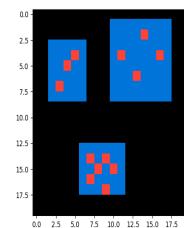
nl\_only



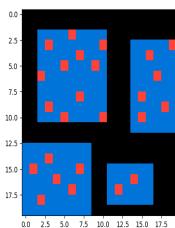
To make the output, you have to...copy the input grid. Then, form a diagonal line by connecting the two of the same color blocks. The diagonal line between each set of matching color blocks should be the same color as the two blocks you are connecting. Do this for each set of matching blocks.

## Task ID: 8efcae92

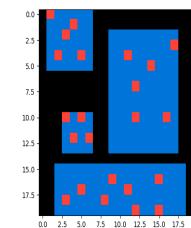
train



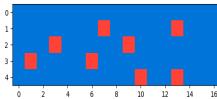
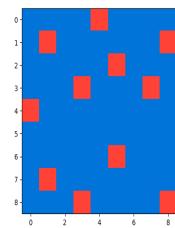
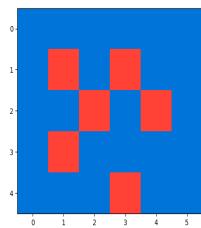
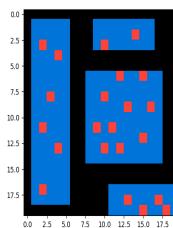
train



train

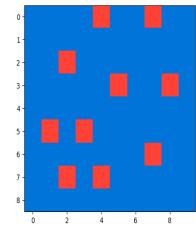


test

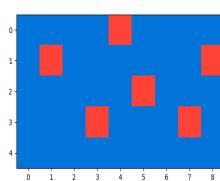


## GPT-4 Generations

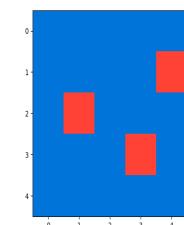
Target



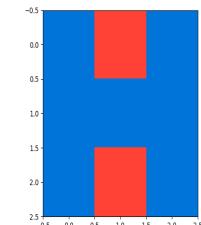
io\_only



nl\_and\_io

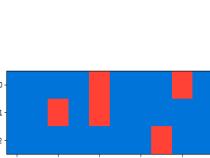


nl\_only

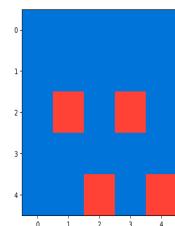


To make the output, you have to...make the grid the same size as the shape and the two colors are just like in the shape

nl\_and\_io

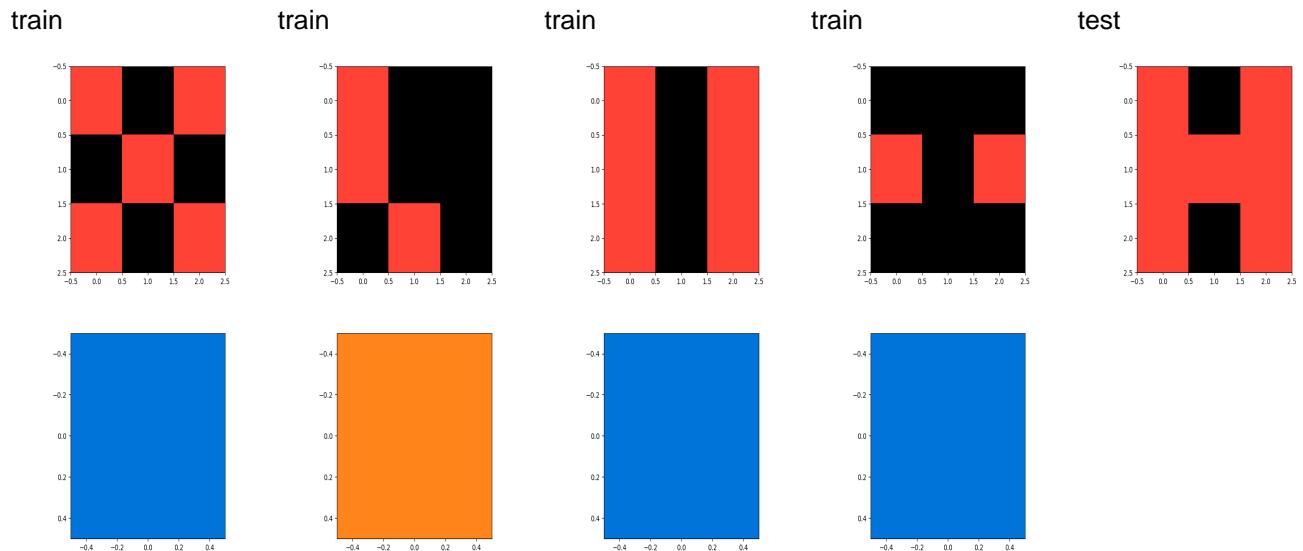


nl\_only

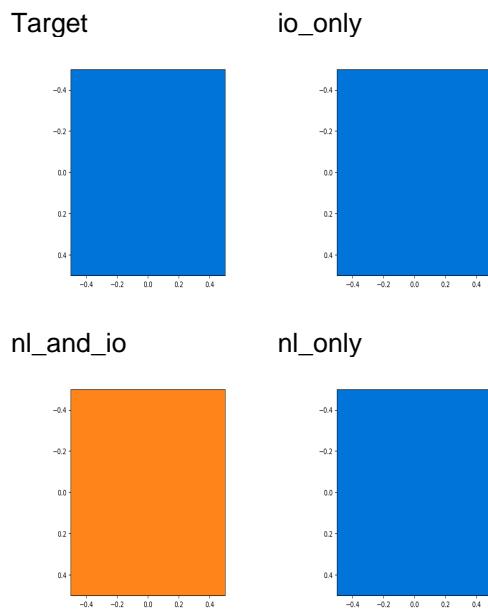


To make the output, you have to...replicate the pattern of the chosen shape

## Task ID: 44f52bb0



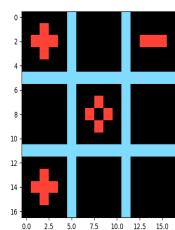
## GPT-4 Generations



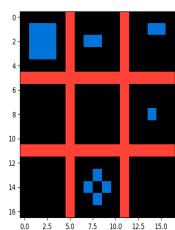
To make the output, you have to...if input has 3 or 4 red tiles output is orange. if in put has 2, 5, or 6 red tiles output is blue.

## Task ID: 1e32b0e9

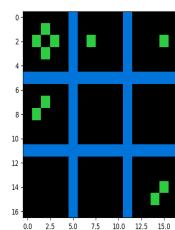
train



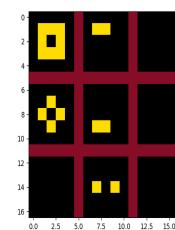
train



train

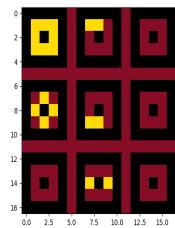


test

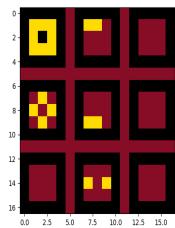


## GPT-4 Generations

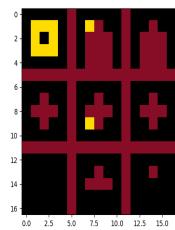
Target



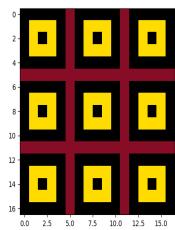
io\_only



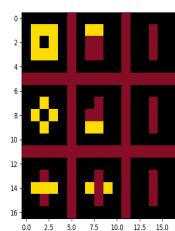
nl\_and\_io



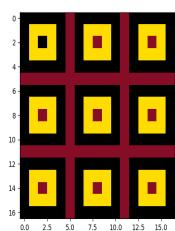
nl\_only



nl\_and\_io



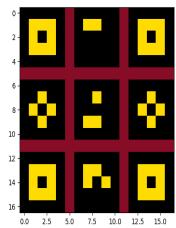
nl\_only



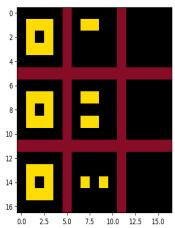
To make the output, you have to...replicate what is inside of the top left 5x5 grid throughout the rest of the 8 grid left. The color of these additional blocks should match the color of the block cut line.

To make the output, you have to...use the shape that's in the top left box and replicate that in all the other boxes, but leave the color that is already there, and use the other color, the one that is dividing the 9 boxes, to complete the shapes in the rest of the boxes

nl\_and\_io



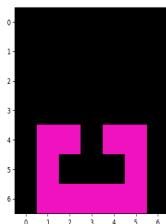
nl\_only



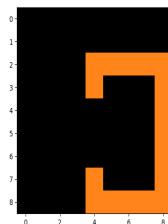
To make the output, you have to...take what is in the up left space and put that pattern in all 9 spaces but in the same color as the grid. If a space has a pattern in it already, leave those blocks the same color as you fill in the rest of the first pattern around it in the grid color.

## Task ID: aba27056

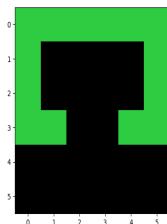
train



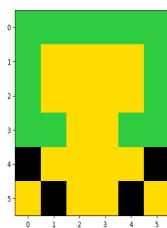
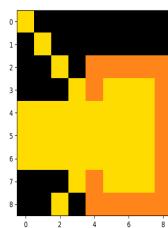
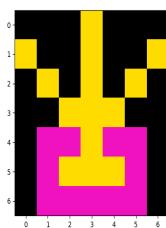
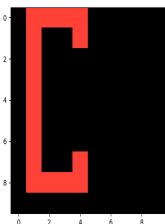
train



train

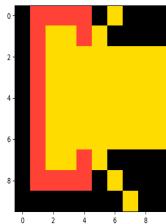


test

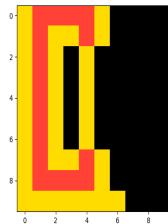


## GPT-4 Generations

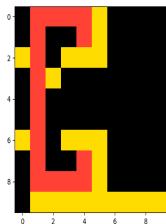
Target



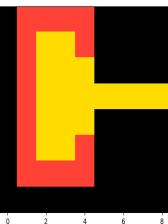
io\_only



nl\_and\_io



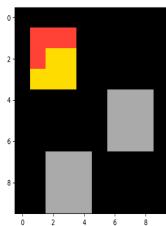
nl\_only



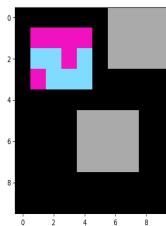
To make the output, you have to...fill yellow squares in the hole of the rectangle and also add yellow squares on either all of the horizontal or all of the vertical lines out of the hole. Then add more yellow squares on a diagonal starting from the inner corner of each hole and going to the edge of the grid. Some yellow squares will repeat the yellow squares to fill the hole.

## Task ID: e76a88a6

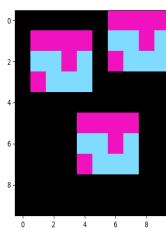
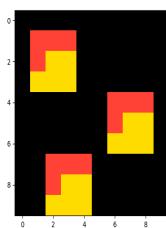
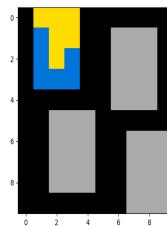
train



train

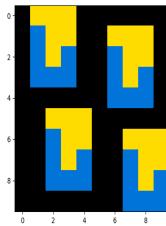


test

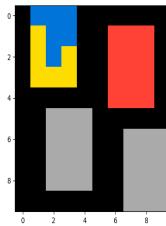


## GPT-4 Generations

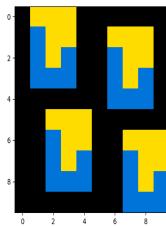
Target



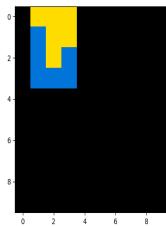
io\_only



nl\_and\_io

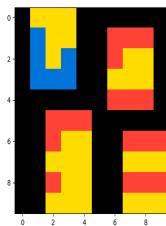


nl\_only



To make the output, you have to... copy the color pattern into the other gray grids.

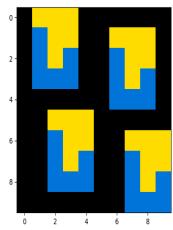
nl\_and\_io



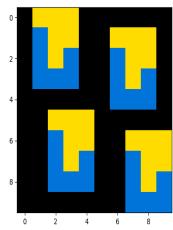
nl\_only

To make the output, you have to...same pattern

nl\_and\_io

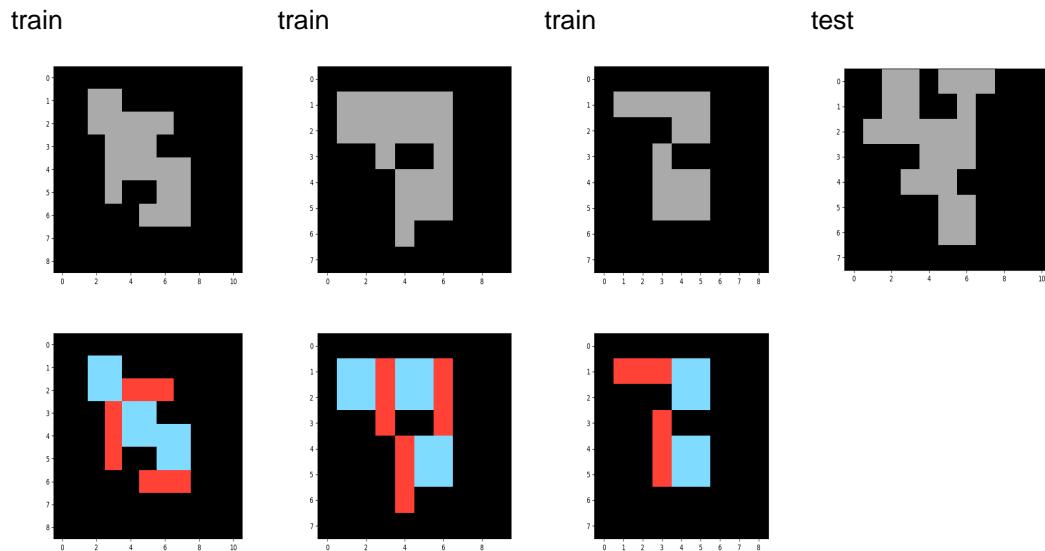


nl\_only

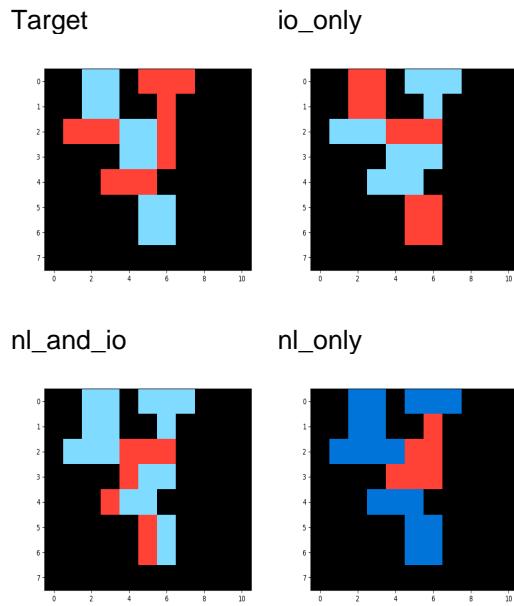


To make the output, you have to...copy the color pattern into the other gray shapes.

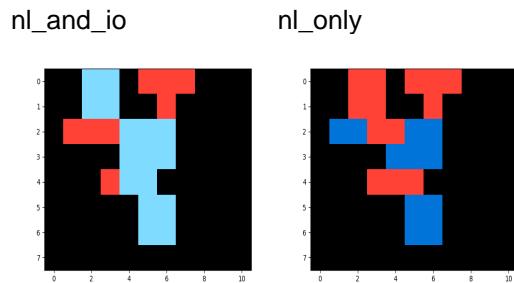
## Task ID: 150def5



## GPT-4 Generations

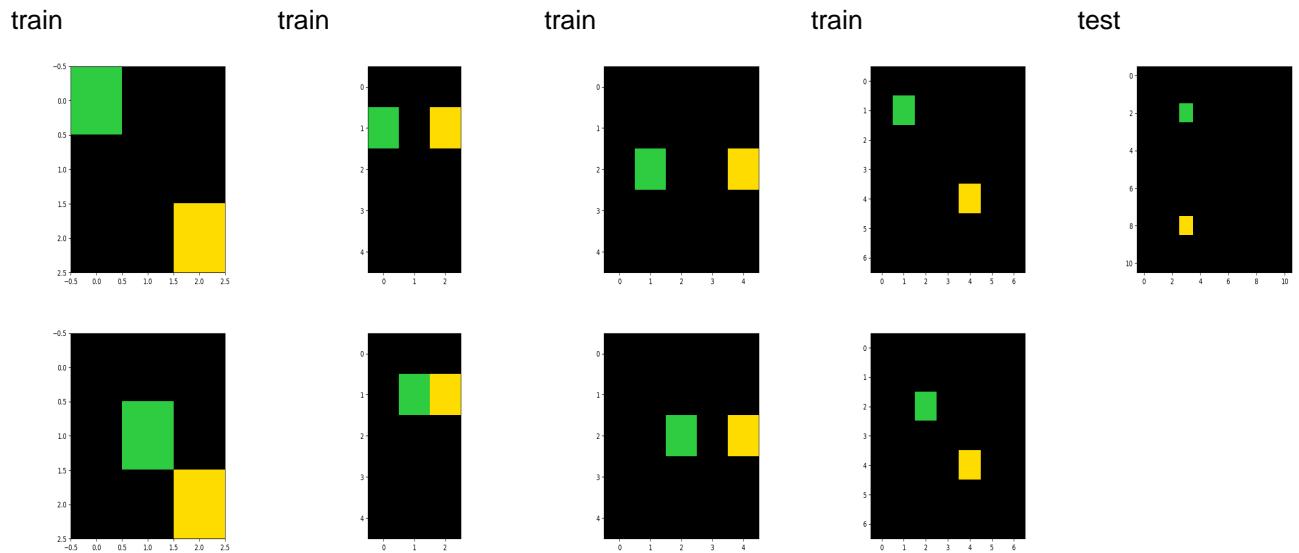


To make the output, you have to... copy pattern and change 2x2 areas to light blue and 1x3 to red.

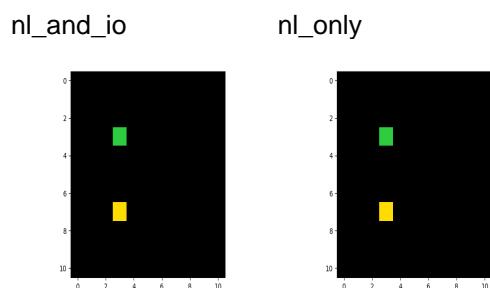
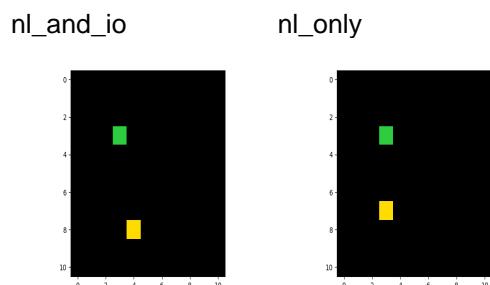
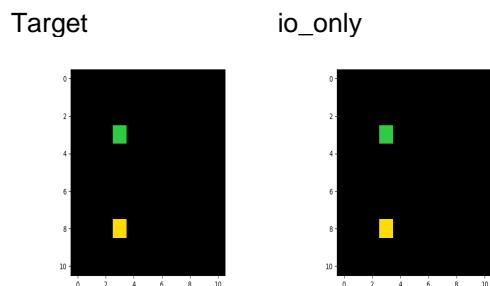


To make the output, you have to... copy the input grid. Find any blocks of four squares which make a 2x2 square and change them to LIGHT blue. Change the other grey squares to red. In the end, the shapes should be made only out of 2x2 light blue sections and 1x3 red sections.

## Task ID: dc433765



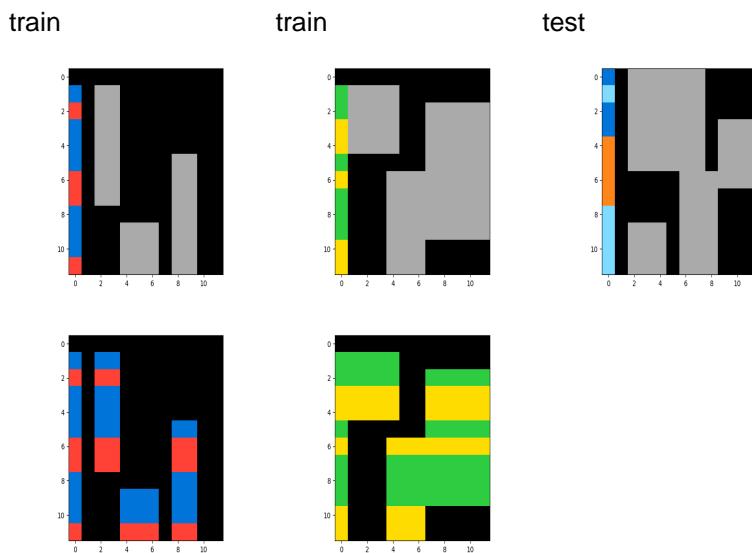
## GPT-4 Generations



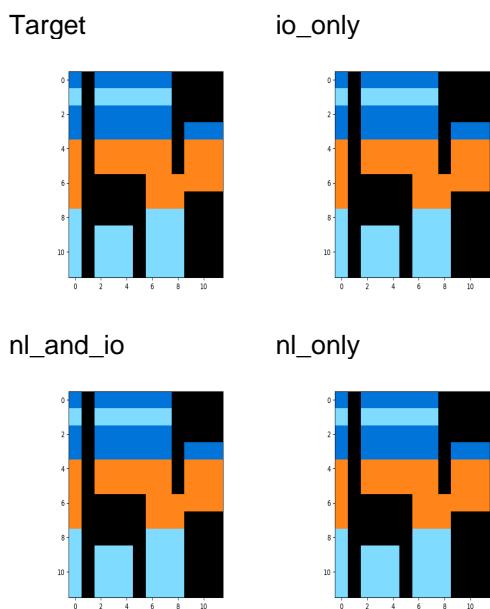
To make the output, you have to...move the green square one block closer to the yellow square, no matter if it is horizontal, diagonal, or vertical.

To make the output, you have to...make the two squares one space closer to each other by moving the green square so it is one space closer to the yellow while keeping the same relationship whether horizontal vertical or diagonal

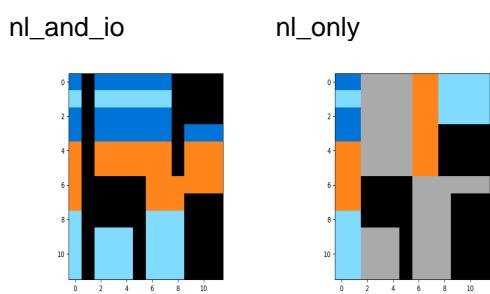
**Task ID:** c9f8e694



## **GPT-4 Generations**

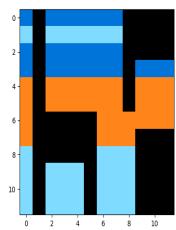


To make the output, you have to...fill each gray block with the color from the colored blocks that is on the same horizontal row

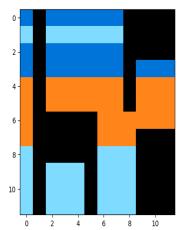


To make the output, you have to...color the horizontal blocks the same pattern as the vertical colors

nl\_and\_io

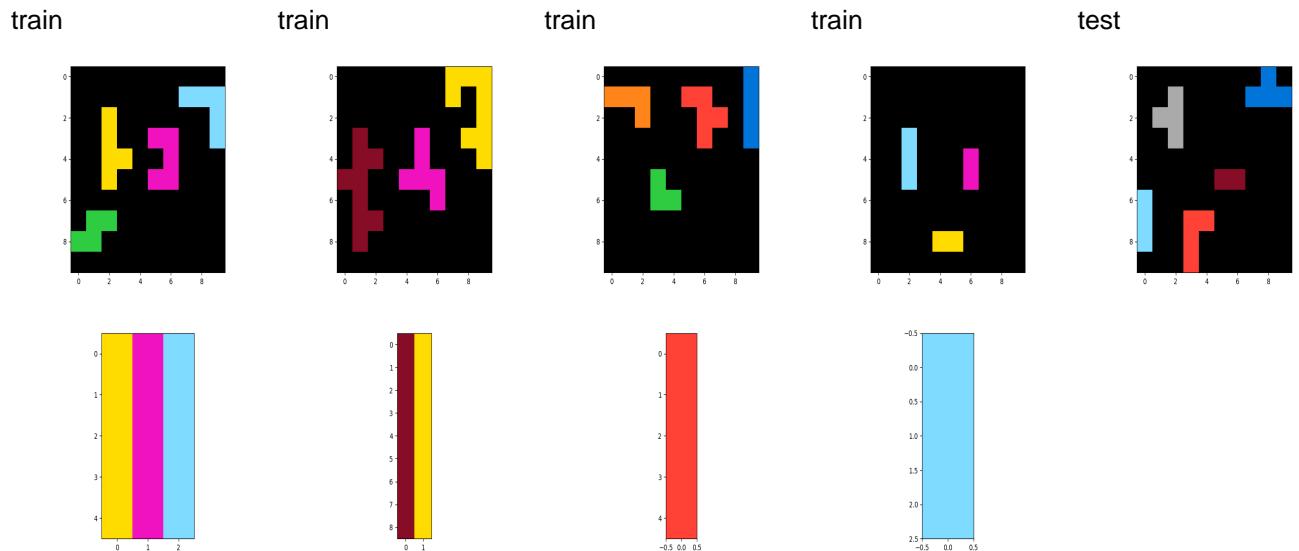


nl\_only

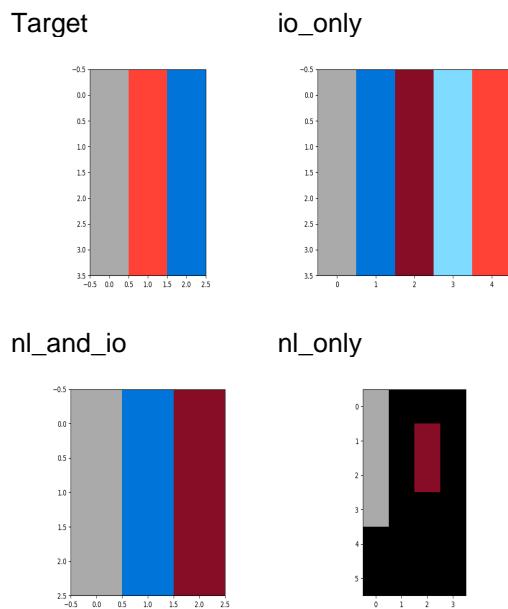


To make the output, you have to...fill in each box of the grey squares with whichever color from the colored line on the side is on the same row as it

## Task ID: a3325580



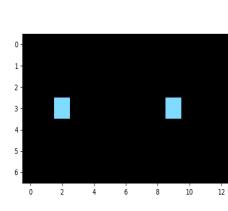
## GPT-4 Generations



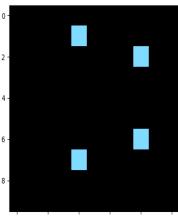
To make the output, you have to... identify the largest shapes by number of squares. This may be one shape or more than one shape, if they have the same number of square. Then create a vertical line for each of those shapes, in the order from left to right of the shapes, each line with the same number of squares as the input shape. If only one shape is largest, there will be one output line. If two shapes are largest together, there will be two lines, and so on.

## Task ID: 253bf280

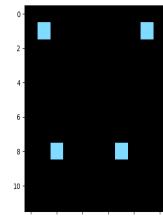
train



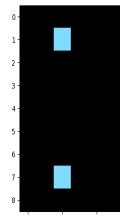
train



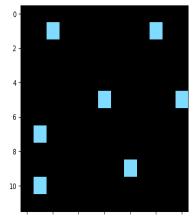
train



train

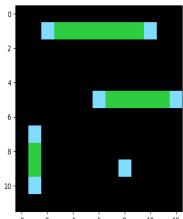


test

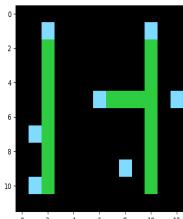


## GPT-4 Generations

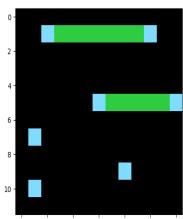
Target



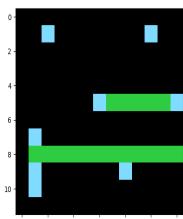
io\_only



nl\_and\_io

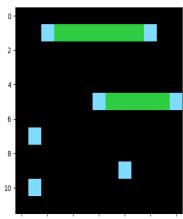


nl\_only

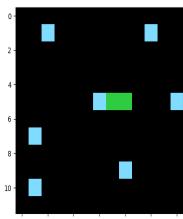


To make the output, you have to...use green lines to connect blue dots that are in the same horizontal or vertical point on the grid

nl\_and\_io

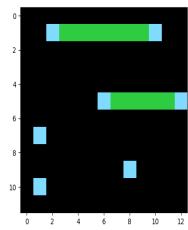


nl\_only

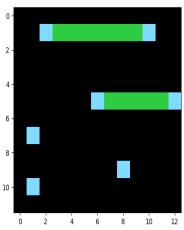


To make the output, you have to...use green lines to connect blue dots that are in the same line

nl\_and\_io

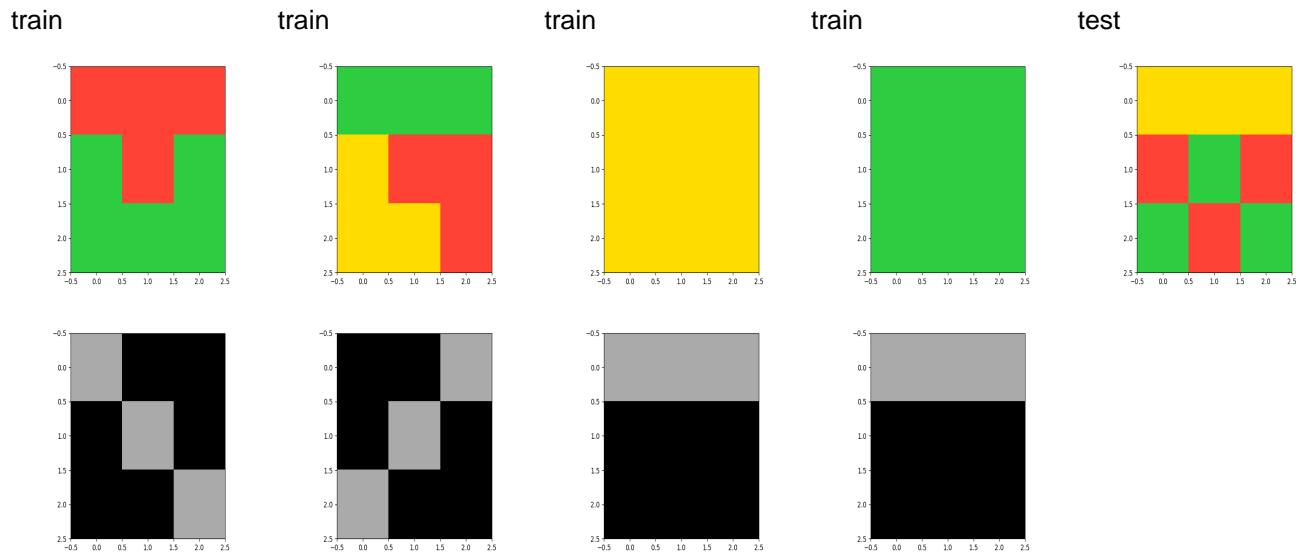


nl\_only

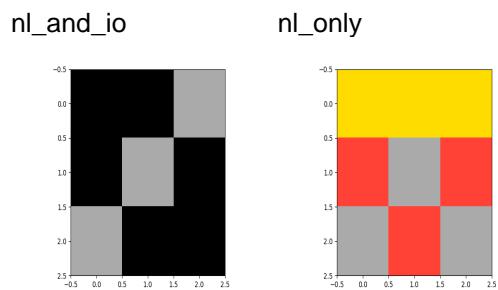
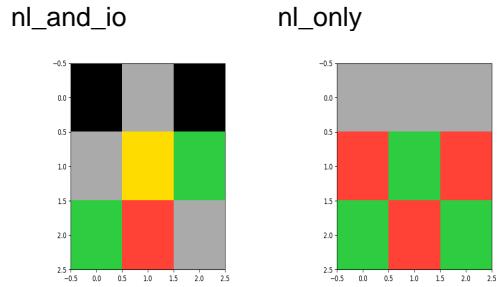
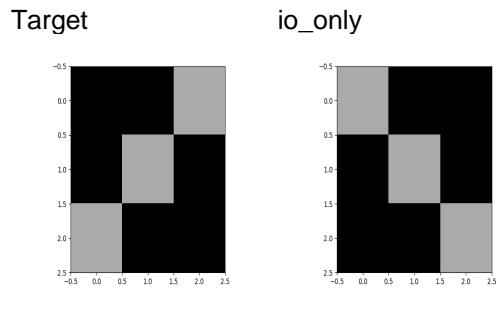


To make the output, you have to...add green blocks between the light blue blocks. Do not add green blocks if the light blue blocks are not on the same row.

## Task ID: 6e02f1e3



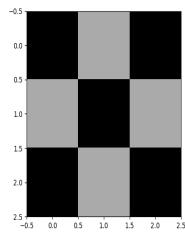
## GPT-4 Generations



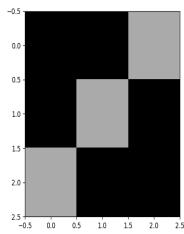
To make the output, you have to... place 3 gray pixels based on how many colors are in the grid. If it is one color place 3 gray pixels along the top of the grid. If there are two colors make a diagonal line from the top left to the bottom right. If there are three colors make a diagonal line from the top right to the bottom left.

To make the output, you have to...place 3 grey boxes in various spots based on how many colors there are in the input grid. If there is one color, put 3 grey boxes on the top of the grid. If there are two colors, place a diagonal line of grey boxes form top left to bottom right. If there are 3 colors, place a diagonal line of grey boxes going from bottom left to top right.

nl\_and\_io

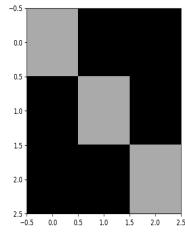


nl\_only

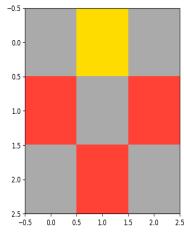


To make the output, you have to...make a black and gray pattern depending on the number of colors in the input. Start with an all black grid. If there is one color, make the top 3 squares gray. If there are two colors, make a diagonal line from top left to bottom right gray, again 3 pixels. If there are three colors, make a diagonal line from top right to bottom left gray, again 3 pixels.

nl\_and\_io



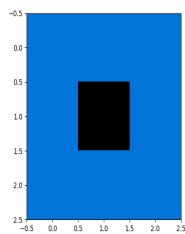
nl\_only



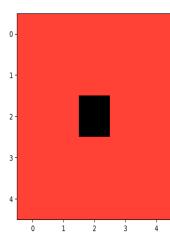
To make the output, you have to...When three colors are present make a grey diagonal line from top right to bottom left. If there are two colors make a grey diagonal line from top left to bottom right. If there is one color make a grey line across the top three blocks.

## Task ID: ea786f4a

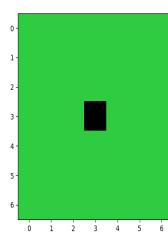
train



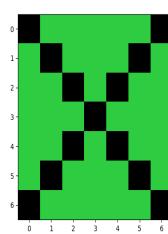
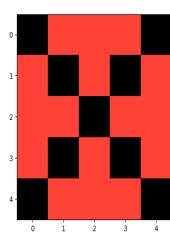
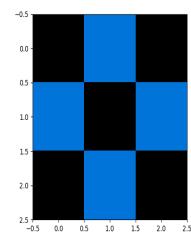
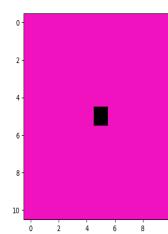
train



train

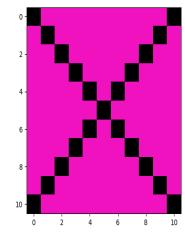


test

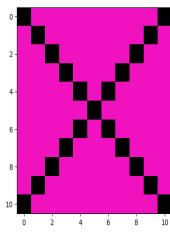


## GPT-4 Generations

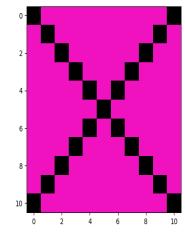
Target



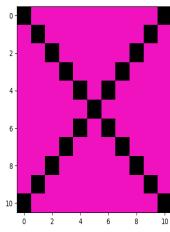
io\_only



nl\_and\_io

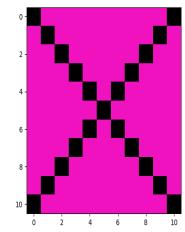


nl\_only

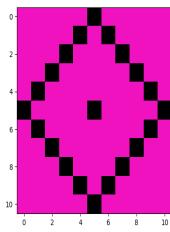


To make the output, you have to... Create an X by filling in the diagonal tiles until the edge of each corner is reached

nl\_and\_io

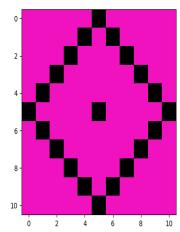


nl\_only

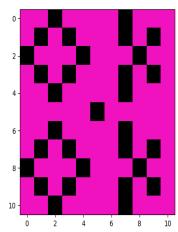


To make the output, you have to...use the same color as the center block, and starting at each corner of the center block, make a diagonal line that continues to each corner.

nl\_and\_io



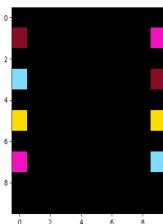
nl\_only



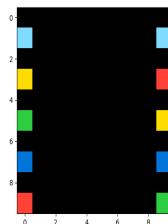
To make the output, you have to...starting at each corner of the center block, make a black diagonal line toward each corner.

## Task ID: 22eb0ac0

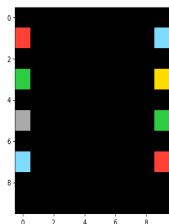
train



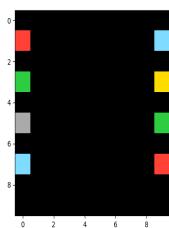
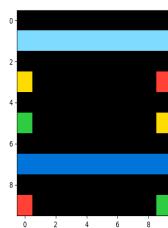
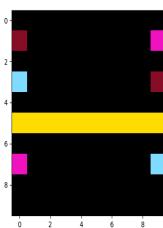
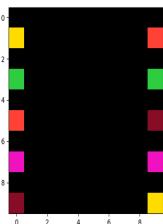
train



train

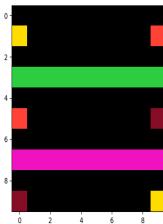


test

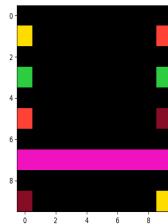


## GPT-4 Generations

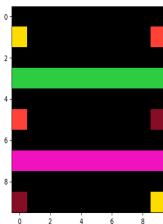
Target



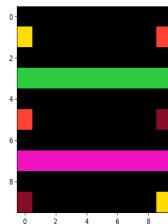
io\_only



nl\_and\_io



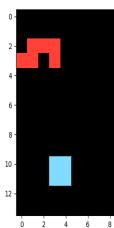
nl\_only



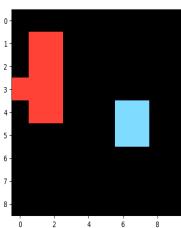
To make the output, you have to....copy the input. If two blocks across from each other are the same color, fill in the rest of that horizontal row with that color. Don't do anything with the blocks across from each other that are different colors

## Task ID: 05f2a901

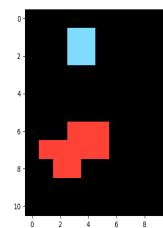
train



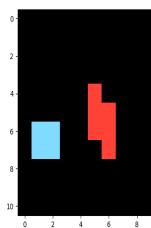
train



train

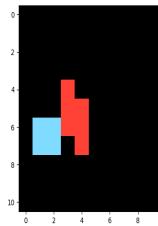


test

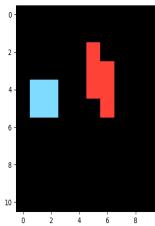


## GPT-4 Generations

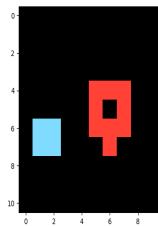
Target



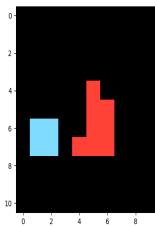
io\_only



nl\_and\_io

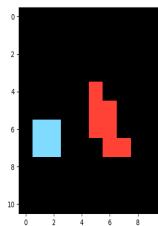


nl\_only

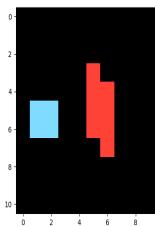


To make the output, you have to... keep the blue cube in the same spot. the red shape needs to move until it is touching the blue cube

nl\_and\_io

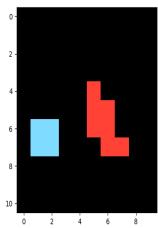


nl\_only

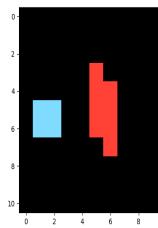


To make the output, you have to...keep the light blue cube in the same exact location. Then copy and move the other shape directly towards the blue cube, until it is touching it. At the end you'll have the light blue cube in the same exact spot as in the input grid and the other shape will be the same but moved directly towards and touching the blue cube.

nl\_and\_io

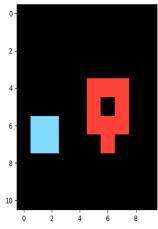


nl\_only

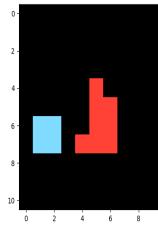


To make the output, you have to...keep the light blue cube in the same exact location. Then copy and move the other shape directly towards the blue cube, until it is touching it. At the end you'll have the light blue cube in the same exact spot as in the input grid and the the other shape will be the same but moved directly towards and touching the blue cube.

nl\_and\_io



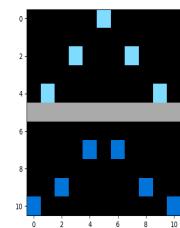
nl\_only



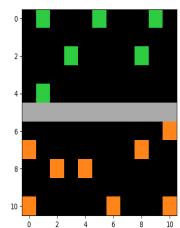
To make the output, you have to... keep the blue cube in the same spot. the red shape needs to move until it is touching the blue cube

## Task ID: e98196ab

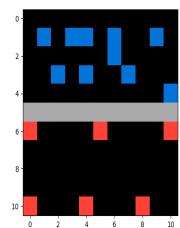
train



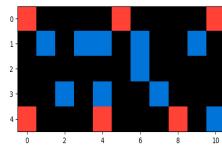
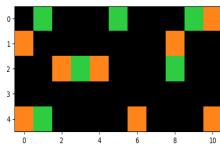
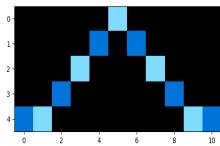
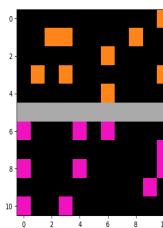
train



train

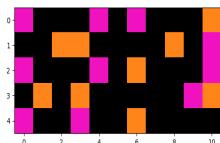


test

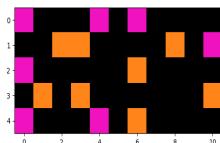


## GPT-4 Generations

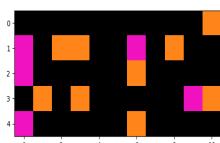
Target



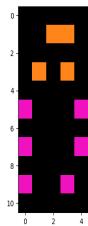
io\_only



nl\_and\_io



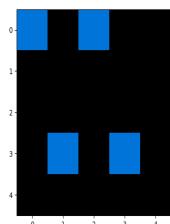
nl\_only



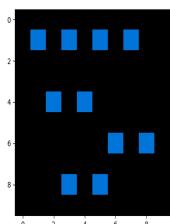
To make the output, you have to...mesh together both patterns from above and below the gray line

## Task ID: a699fb00

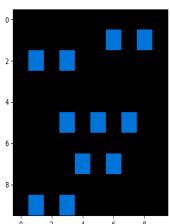
train



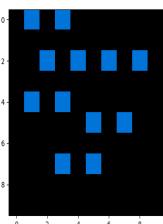
train



train

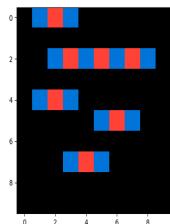


test

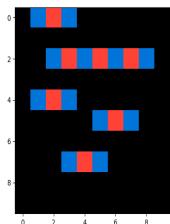


## GPT-4 Generations

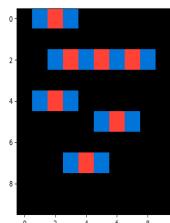
Target



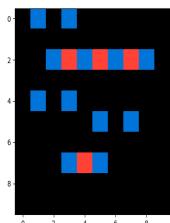
io\_only



nl\_and\_io

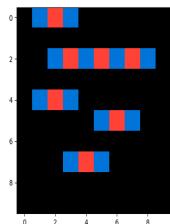


nl\_only

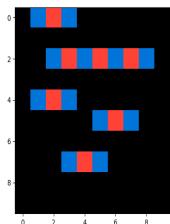


To make the output, you have to...every time you see two blue squares in any line with a single space in between, you fill in that space with a red square Only pay attention to squares going across and not up and down. Do not fill in any squares for any pattern going up and down. Keep all blue squares blue and keep the black squares black

nl\_and\_io

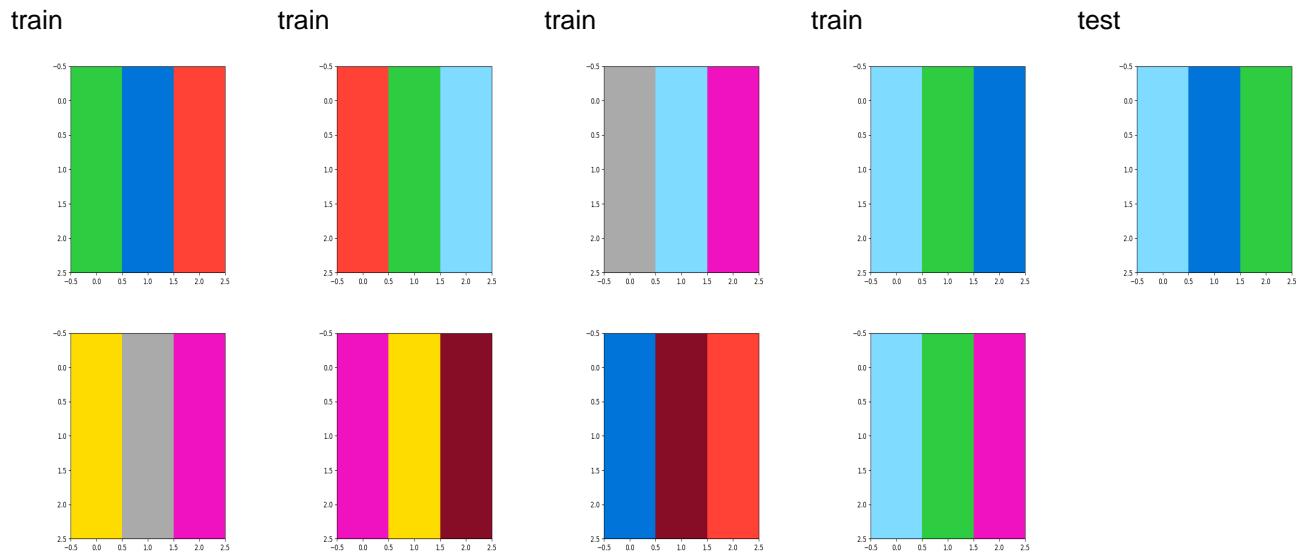


nl\_only

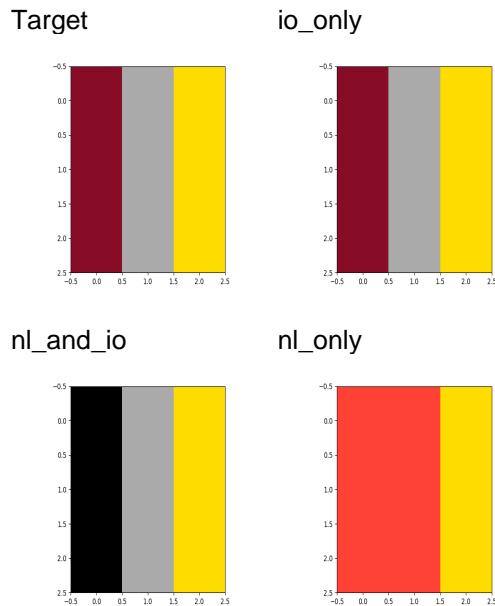


To make the output, you have to...fill the black sections between two blue sections with red

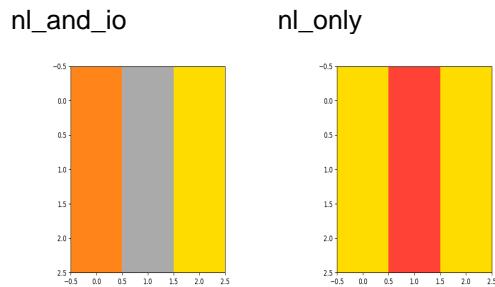
## Task ID: 0d3d703e



## GPT-4 Generations



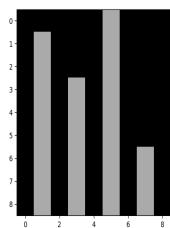
To make the output, you have to...change the color of the grid column into specific color. grey to dark blue, light blue to dark red, magenta to light red, green to yellow and vice versa



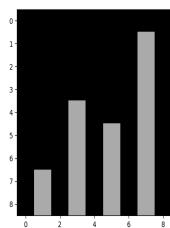
To make the output, you have to...change the column color to a specific other color. If the original color is dark red, change it to pink. If it is green, change it to yellow. If dark blue, change to grey. If light blue, change to dark red. The opposite is also true (for example if it is light blue, change to dark red).

## Task ID: 08ed6ac7

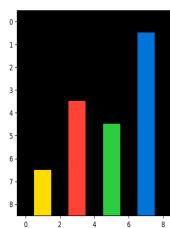
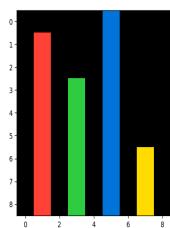
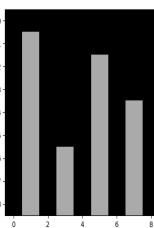
train



train

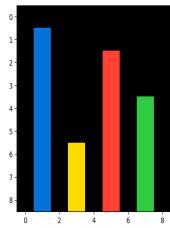


test

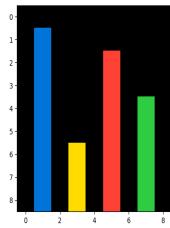


## GPT-4 Generations

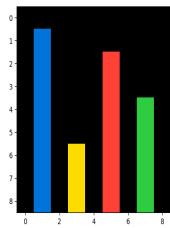
Target



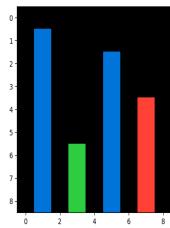
io\_only



nl\_and\_io

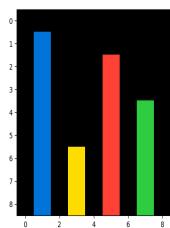


nl\_only

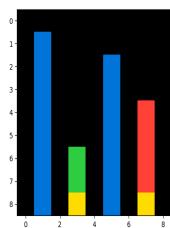


To make the output, you have to... change the color of the tallest to blue, then second tallest to red,third tallest to green,then finally shortest to yellow for both pairs.

nl\_and\_io



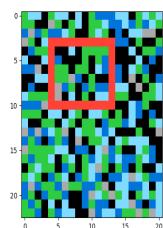
nl\_only



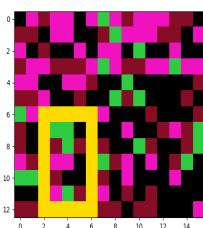
To make the output, you have to...change the color of the tallest to blue, then second tallest to red,third tallest to green,then finally shortest to yellow for both pairs.

## Task ID: 1c786137

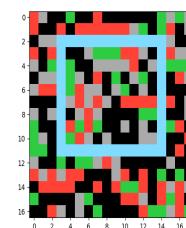
train



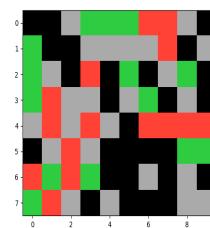
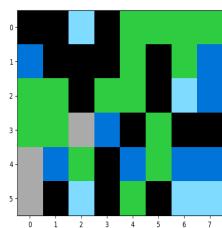
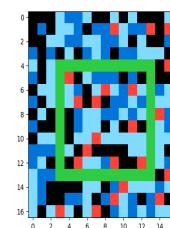
train



train

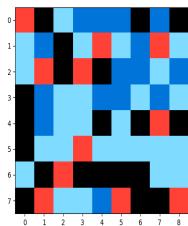


test

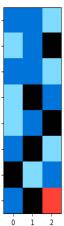


## GPT-4 Generations

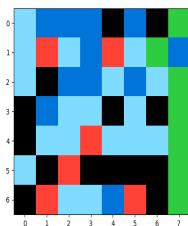
Target



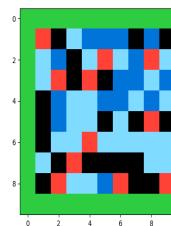
io\_only



nl\_and\_io

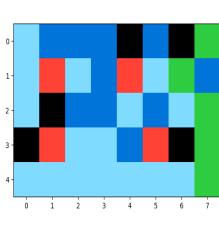


nl\_only

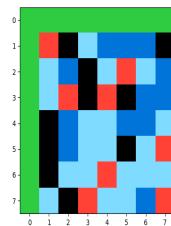


To make the output, you have to...copy the grid inside the rectangle

nl\_and\_io

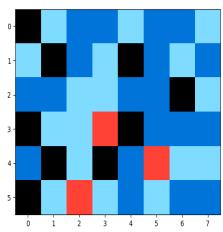


nl\_only

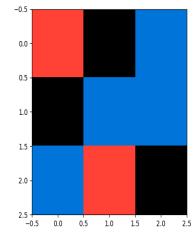


To make the output, you have to...copy the grid inside the rectangle

nl\_and\_io



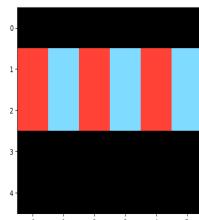
nl\_only



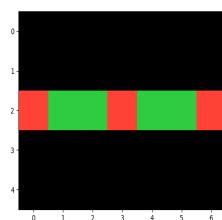
To make the output, you have to...copy the squares inside of the same colored squares

## Task ID: 963e52fc

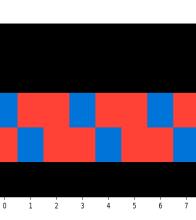
train



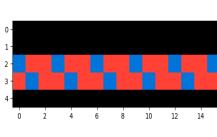
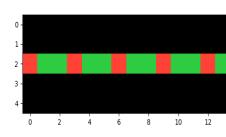
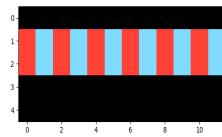
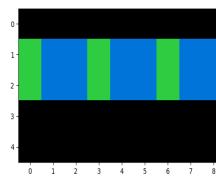
train



train



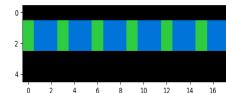
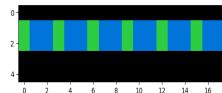
test



## GPT-4 Generations

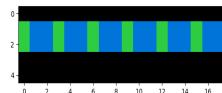
Target

io\_only



nl\_and\_io

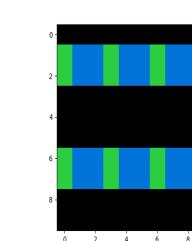
nl\_only



To make the output, you have to...Repeat the middle colors in the second half of the new grid on the same rows.

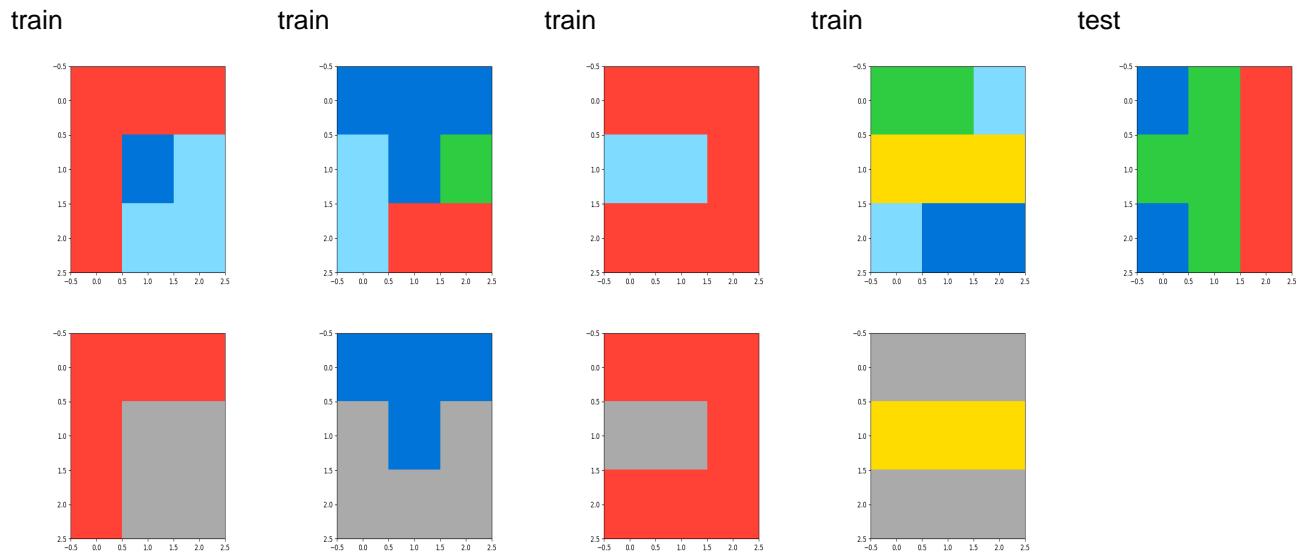
nl\_and\_io

nl\_only

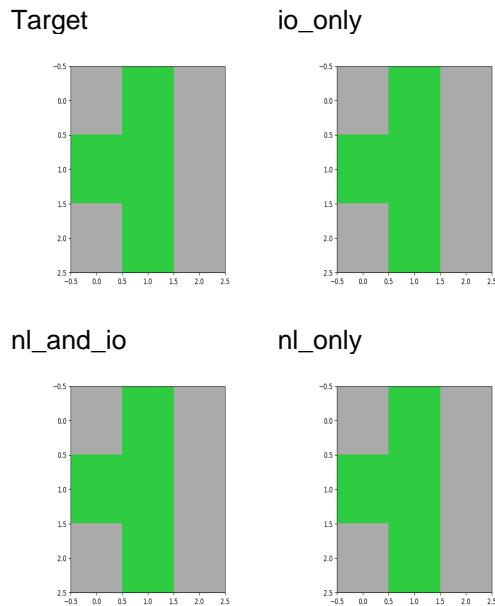


To make the output, you have to...repeat the same pattern of colors in the input pixels to the grid created in the output in the same position

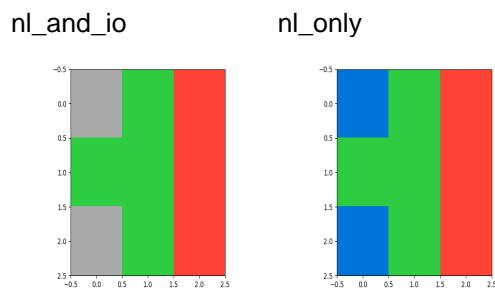
## Task ID: 9565186b



## GPT-4 Generations



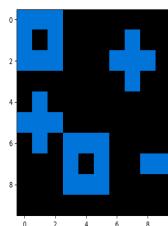
To make the output, you have to...keep the color with the most squares and everything else should be gray.



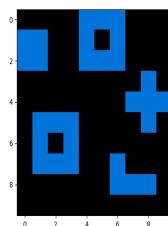
To make the output, you have to...replace minority colors with gray

## Task ID: 6c434453

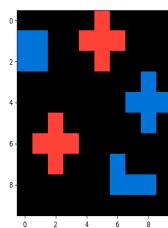
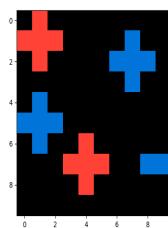
train



train

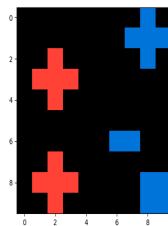


test

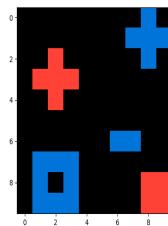


## GPT-4 Generations

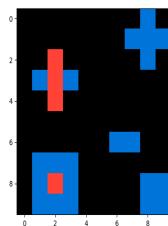
Target



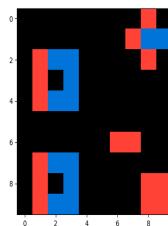
io\_only



nl\_and\_io

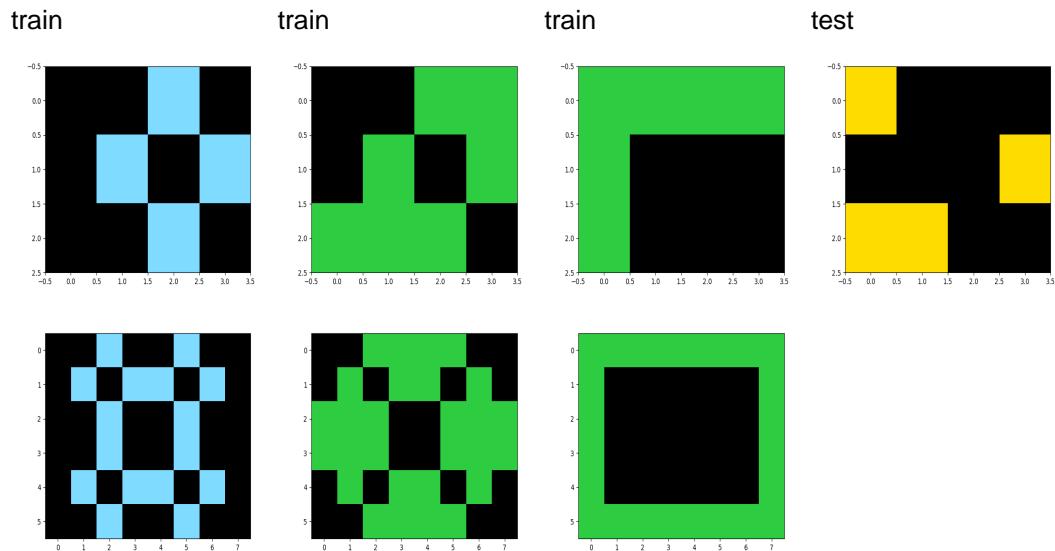


nl\_only

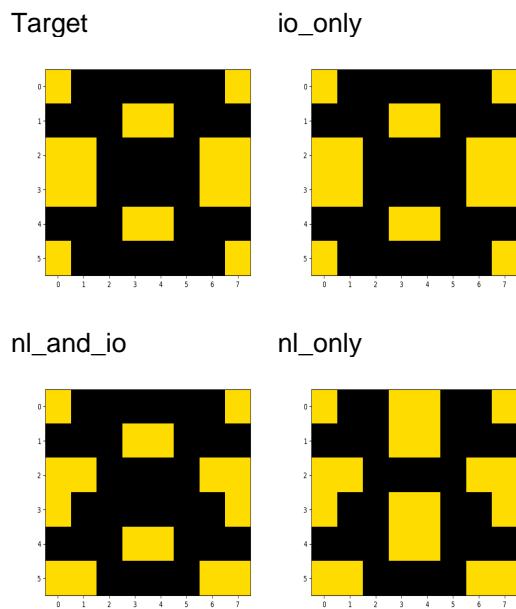


To make the output, you have to...substitute all the blue squares with red crosses. All other shapes (including the existing blue crosses) remain the same in the output grid.

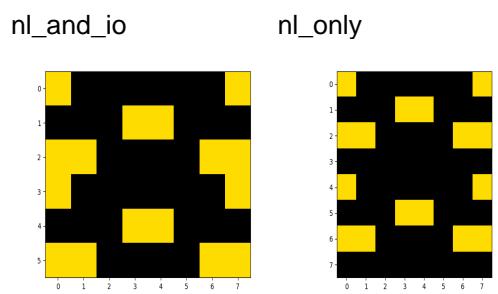
## Task ID: 3af2c5a8



## GPT-4 Generations



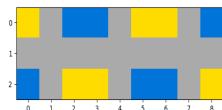
To make the output, you have to...imagine grid is cut in half vertical.  
Copy pattern to top and below left half. Mirror pattern to right half of grid to top and below.



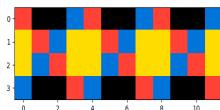
To make the output, you have to...mirror the pattern

## Task ID: 2dee498d

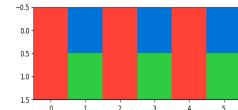
train



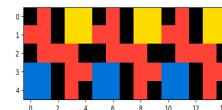
train



train

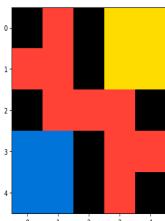


test

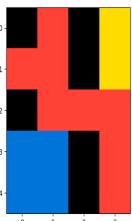


## GPT-4 Generations

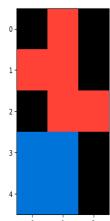
Target



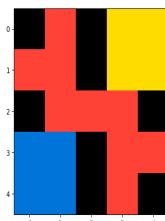
io\_only



nl\_and\_io

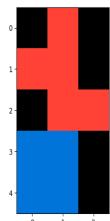


nl\_only

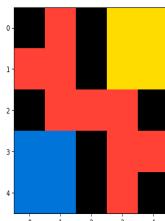


To make the output, you have to... fill the grid up with the singular identified pattern

nl\_and\_io

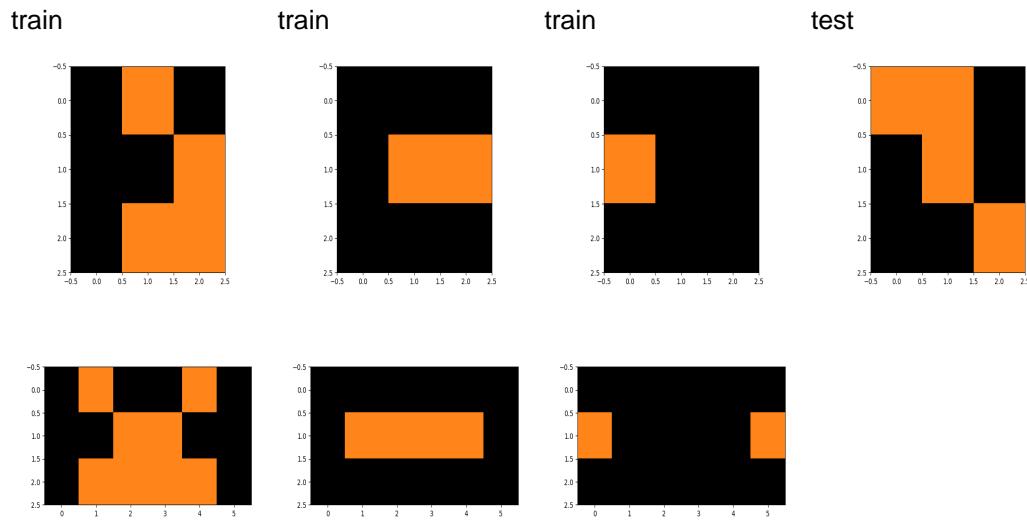


nl\_only

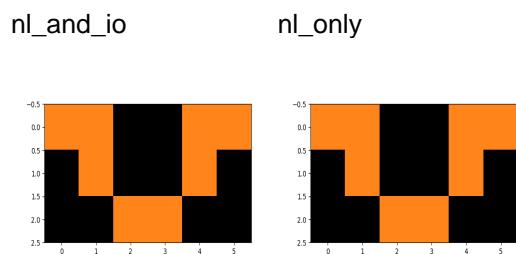
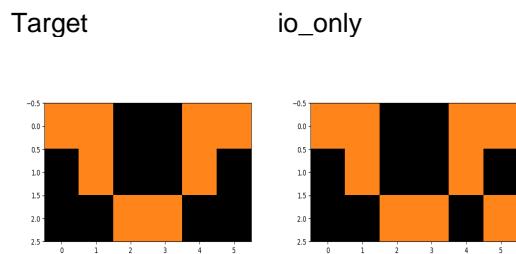


To make the output, you have to...zoom in on one example of the colored pattern and paste it into the grid of the correct size.

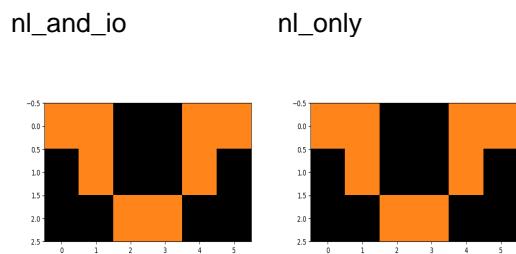
## Task ID: c9e6f938



## GPT-4 Generations

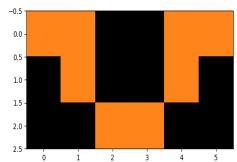


To make the output, you have to...make the pattern mirror as left-right with the same height and twice the row.

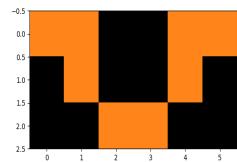


To make the output, you have to... copy the original pattern to the left half of the grid, then mirror it on the right, like an inkblot.

nl\_and\_io

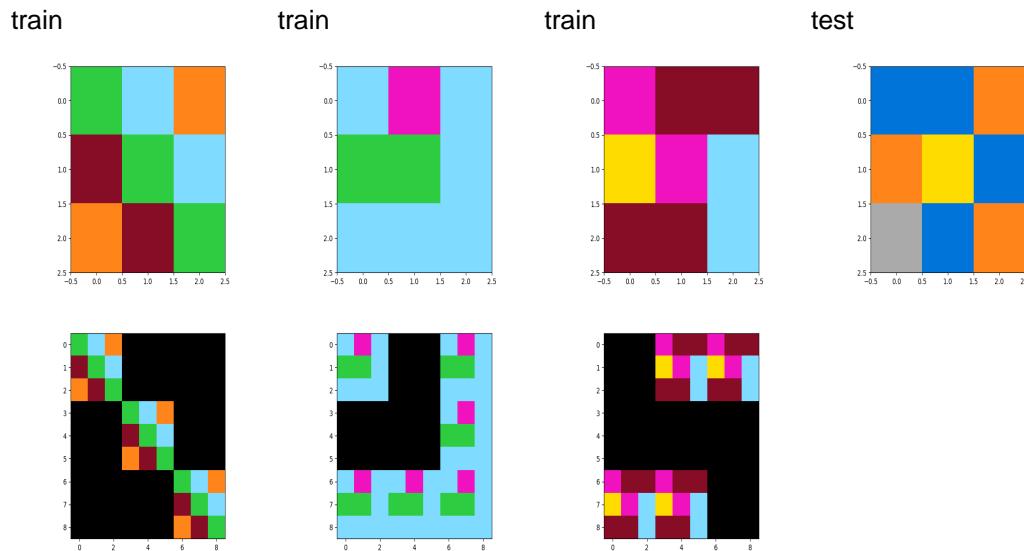


nl\_only

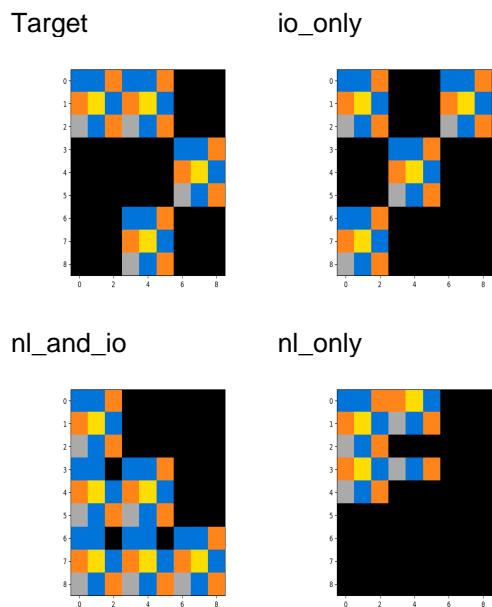


To make the output, you have to...create a left-right mirror of pattern of the orange shape.

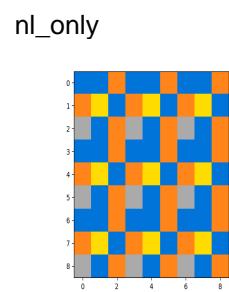
## Task ID: c3e719e8



## GPT-4 Generations

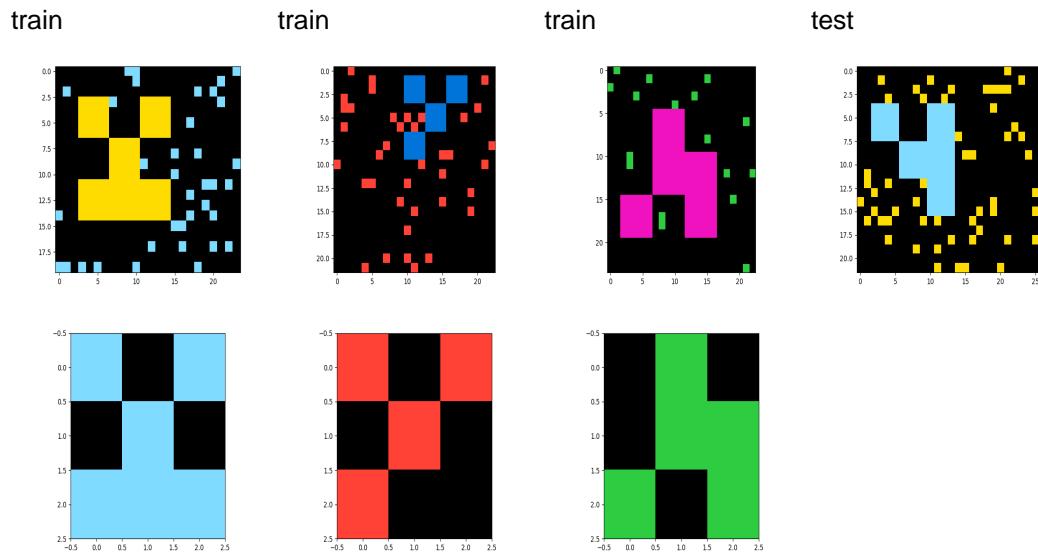


To make the output, you have to...Notice that you can copy the original 3x3 grid 9 times into the new grid (nine 3x3 patterns) and fill out the new grid in this pattern. Now look at which color is the most common in the input grid and keep that in mind. For example, if blue is the most common color in the input box and the top, left box is blue then copy the entire 3x3 box into the top, left 3x3 area in the new grid. If the bottom, middle box is blue then copy the entire 3x3 grid into the middle top of the new grid. Alternatively, suppose the top right box is red (or any other color that is not the most common) in the input grid...then that top right 3x3 area should be black in the new grid. Keep following that pattern until you're done. The black holes should now correlate to the locations of the colors of the boxes (in the input grid) that were not the most common.

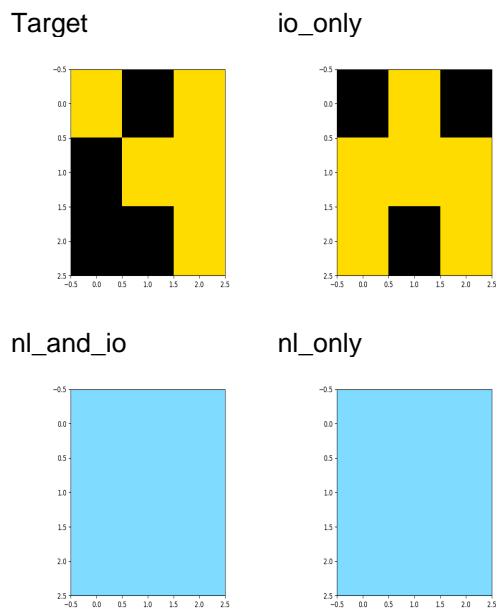


To make the output, you have to...copy the input pattern. paste in output in a way that's similiar to the most common color in the input. For instance is green is the most common color and the green boxes are diagonal, this pasted pattern would be diagonal as well

## Task ID: 5ad4f10b

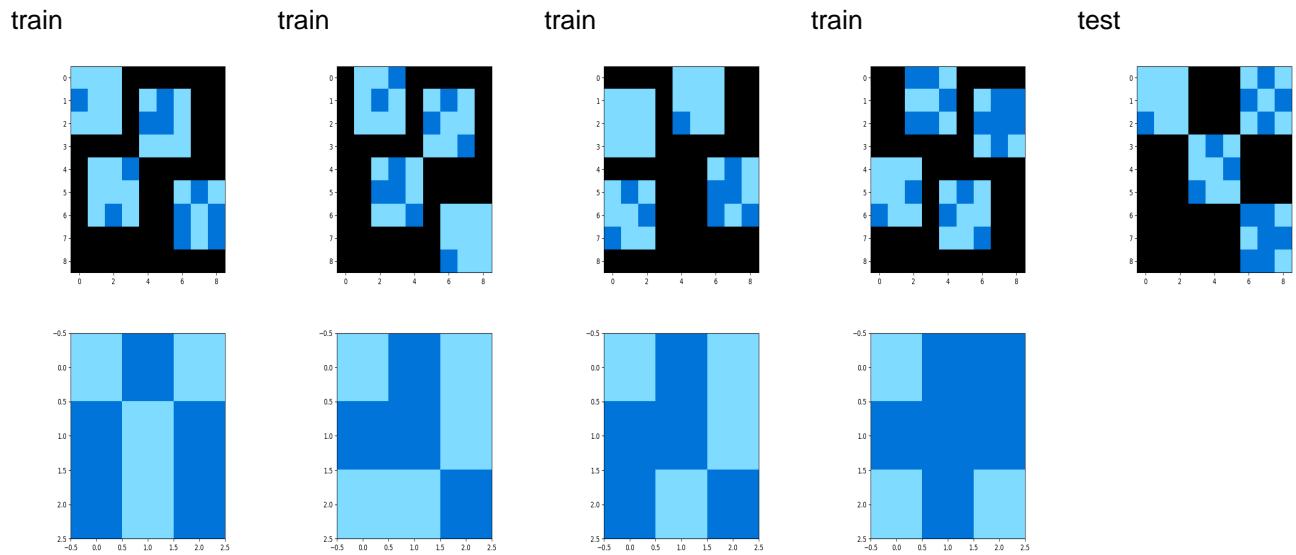


## GPT-4 Generations

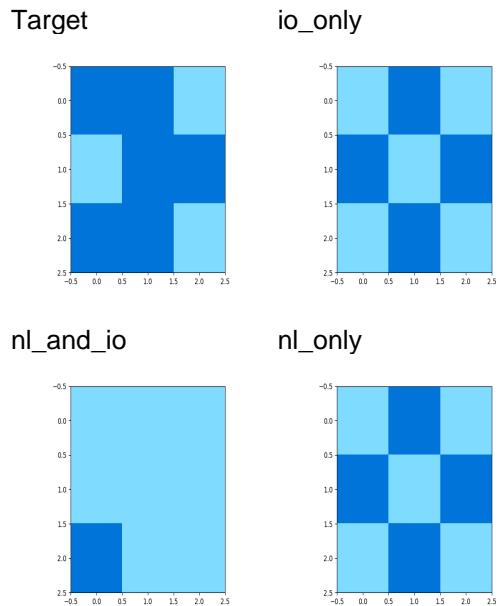


To make the output, you have to...take the color pattern and move to new grid with color 2. The output pattern will be a smaller than the input.

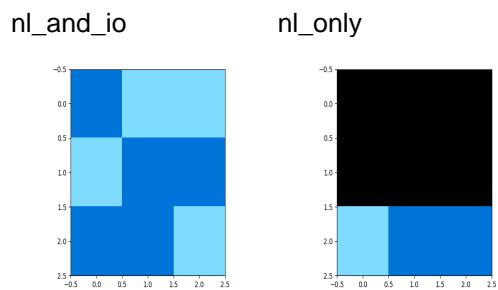
## Task ID: ae4f1146



## GPT-4 Generations



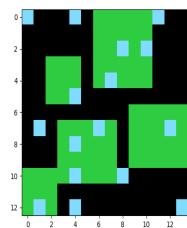
To make the output, you have to....copy the 3x3 square from the input grid that has the most blue pixels.



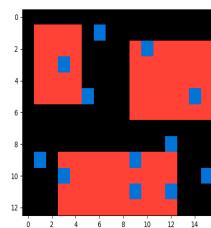
To make the output, you have to...mirror the square with the most dark blocks

## Task ID: 7e0986d6

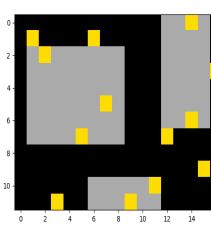
train



train

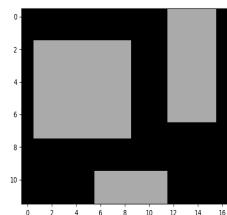


test

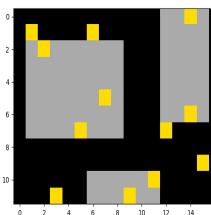


## GPT-4 Generations

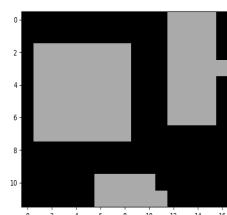
Target



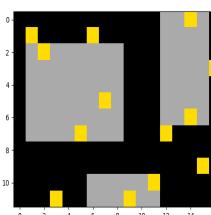
io\_only



nl\_and\_io

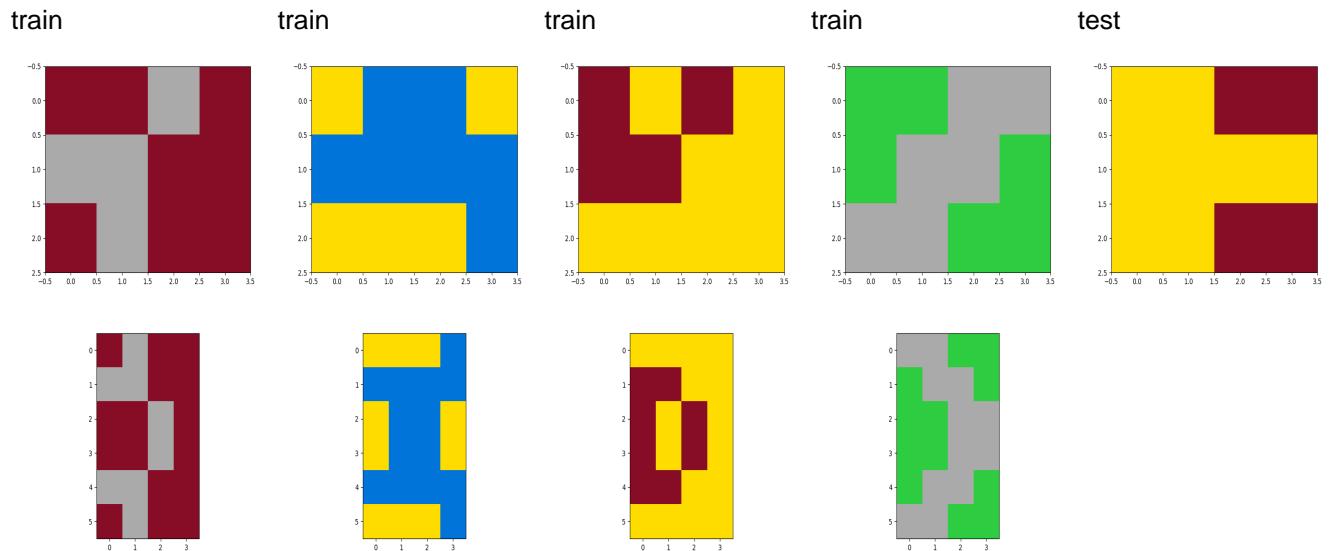


nl\_only

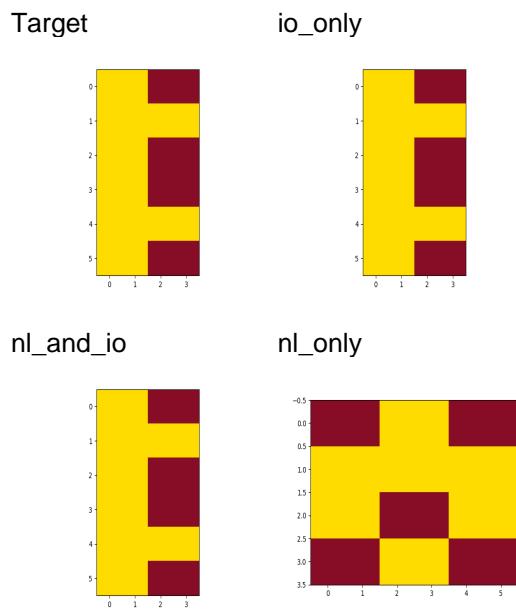


To make the output, you have to...replace the blue pixels with pixels of the same color as the majority of surrounding pixels

## Task ID: 4c4377d9



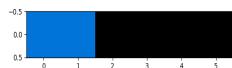
## GPT-4 Generations



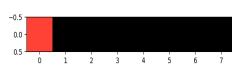
To make the output, you have to...copy the pattern as you see it on the bottom half of the grid into 3x4. Once done, flip the pattern up to the top half of the 3x4 grid.

## Task ID: bbc9ae5d

train



train



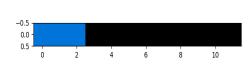
train



train

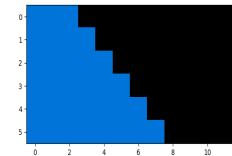


test

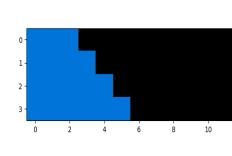


## GPT-4 Generations

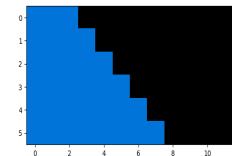
Target



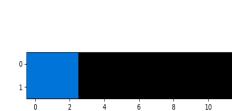
io\_only



nl\_and\_io

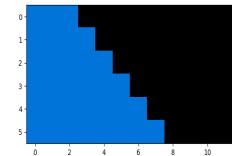


nl\_only



To make the output, you have to...The top row is the same as the input. Add one colored block to the row below that, and two blocks to the row below that, etc etc, until it looks like a staircase

nl\_and\_io



nl\_only

To make the output, you have to...make the top row the same as the row shown in the input grid. Every row that goes down adds one more colored box. So, if the top row has 4 colored boxes, the next row down has 5 and then the next row has 6...etc. This will look like a staircase when you are done. Keep going until the grid is finished.

## Task ID: 496994bd

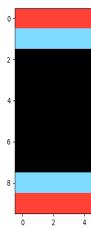
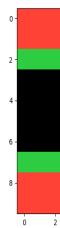
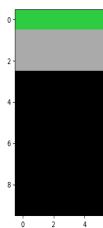
train



train

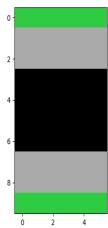


test



## GPT-4 Generations

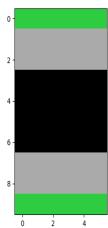
Target



io\_only



nl\_and\_io

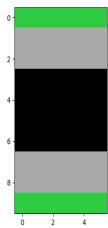


nl\_only

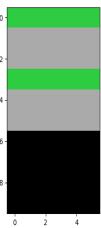


To make the output, you have to... copy the input grid and then mirror the colored lines on the other end of the grid.

nl\_and\_io



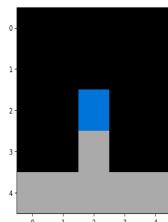
nl\_only



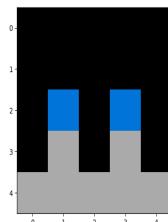
To make the output, you have to... mirror the top pattern below.

## Task ID: 3618c87e

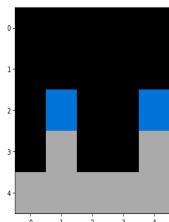
train



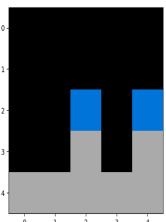
train



train

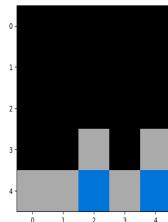


test

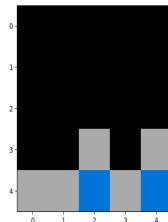


## GPT-4 Generations

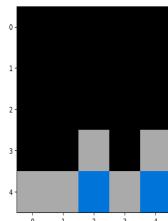
Target



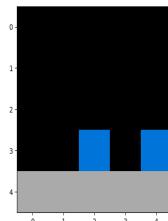
io\_only



nl\_and\_io



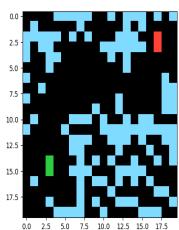
nl\_only



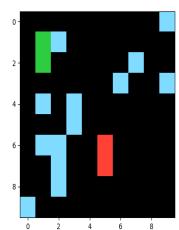
To make the output, you have to...change blue grids to black background, count two steps below each grid's initial placement and fill with blue

## Task ID: 2dd70a9a

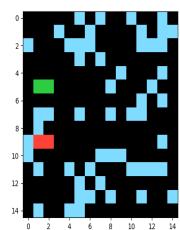
train



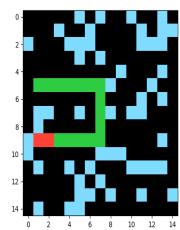
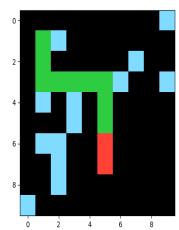
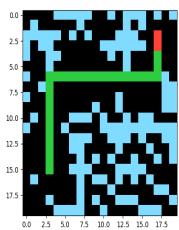
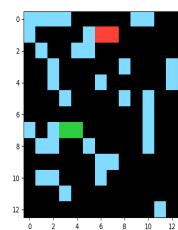
train



train

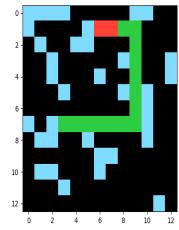


test

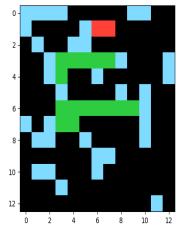


## GPT-4 Generations

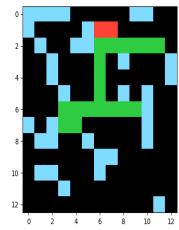
Target



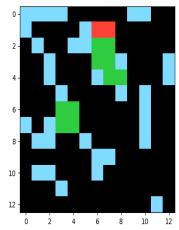
io\_only



nl\_and\_io



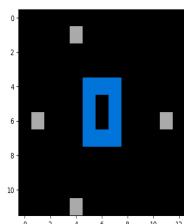
nl\_only



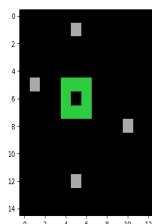
To make the output, you have to...use green line to connect the red and green parts in straight lines

## Task ID: 928ad970

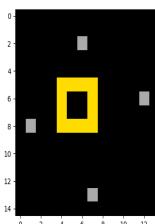
train



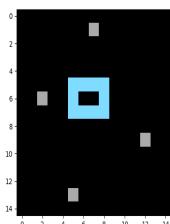
train



train

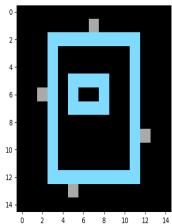


test

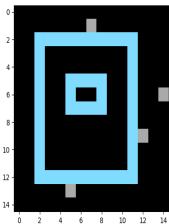


## GPT-4 Generations

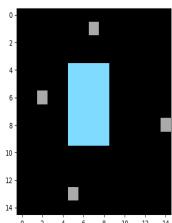
Target



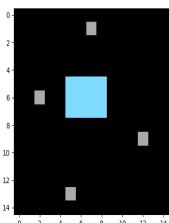
io\_only



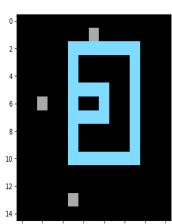
nl\_and\_io



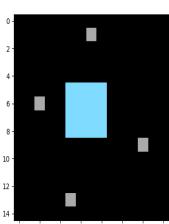
nl\_only



nl\_and\_io



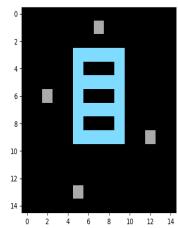
nl\_only



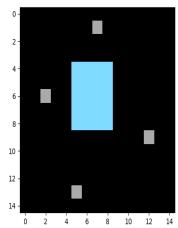
To make the output, you have to...copy the input grid .then, make the biggest rectangle possible that is enclosed by all 4 gray dots. make this rectangle the same color as the smaller rectangle . so, the rectangle you draw should be touching the inside of each gray dot

To make the output, you have to... copy the input grid. Then, using the color of the colored rectangle, make the largest rectangle possible that will fit inside the four grey dots. The outside of the new rectangle should touch the inside of all four grey dots.

nl\_and\_io



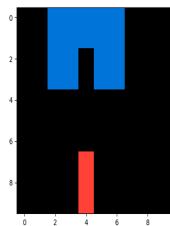
nl\_only



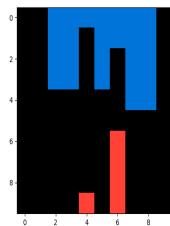
To make the output, you have to... copy the input grid. Then, make the biggest rectangle possible that is enclosed by all 4 gray dots. Make this rectangle the same color as the smaller rectangle. So, the rectangle you draw should be touching the inside of each gray dot.

### Task ID: 3906de3d

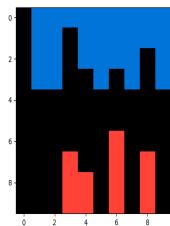
train



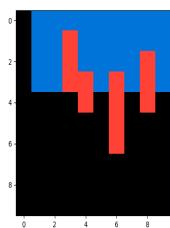
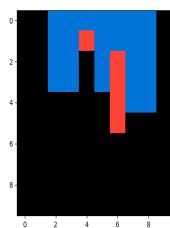
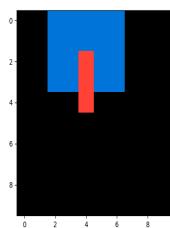
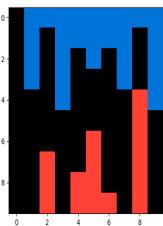
train



train

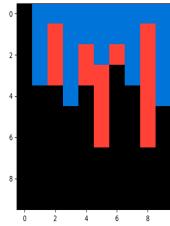


test

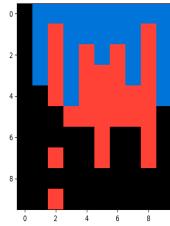


### GPT-4 Generations

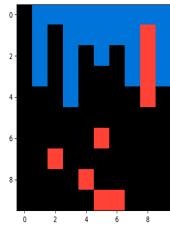
Target



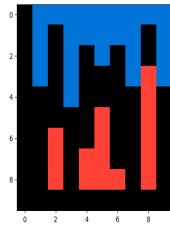
io\_only



nl\_and\_io



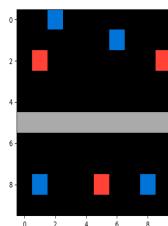
nl\_only



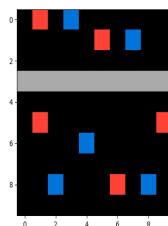
To make the output, you have to...imagine the blue is a vacuum and sucks the red up into the open spaces. Move all red straight up.

## Task ID: 8d510a79

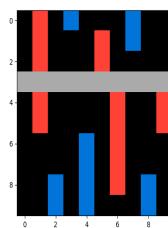
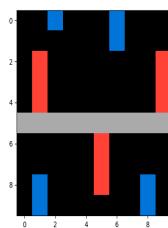
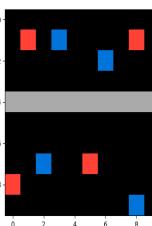
train



train

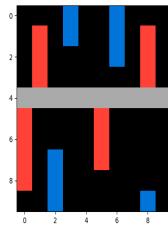


test

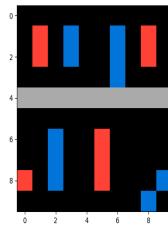


## GPT-4 Generations

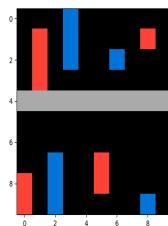
Target



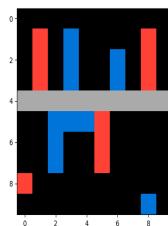
io\_only



nl\_and\_io



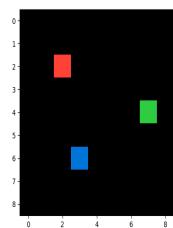
nl\_only



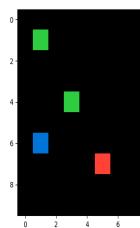
To make the output, you have to...complete a line with the colors. If it's red, fill the line in until you hit the gray bar. If it's blue, fill in until you hit the bottom or top edge.

## Task ID: 178fcfb

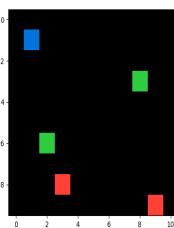
train



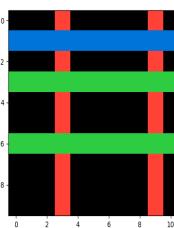
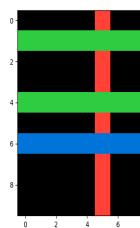
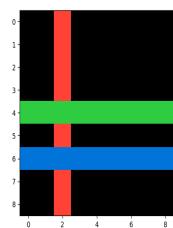
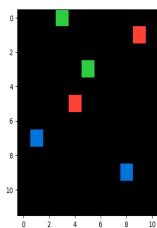
train



train

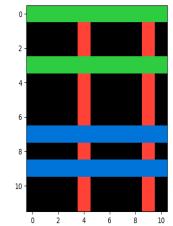


test

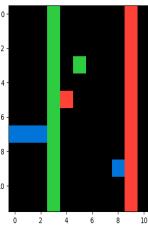


## GPT-4 Generations

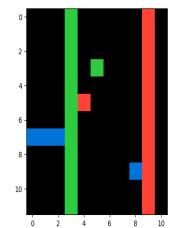
Target



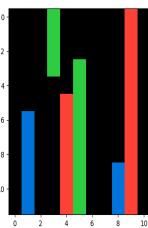
io\_only



nl\_and\_io

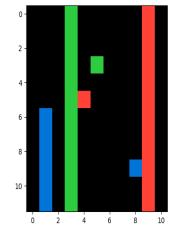


nl\_only



To make the output, you have to...draw a vertical red line of squares through any red squares, then make left to right green lines through green squares and left to right blue lines through blue squares. Go over any red squares from before.

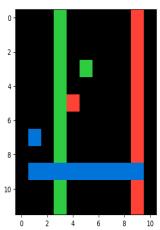
nl\_and\_io



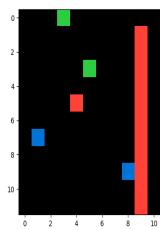
nl\_only

To make the output, you have to... the input, you should see...green color row bag in the box ..

nl\_and\_io

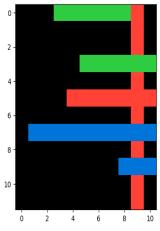


nl\_only

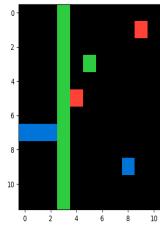


To make the output, you have to...draw a vertical red line through any red squares. Then draw lines, left to right, for the green and blue squares. Go over any red squares from before.

nl\_and\_io



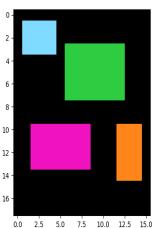
nl\_only



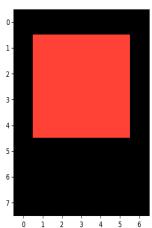
To make the output, you have to...extend the green and blue squares into horizontal lines that go all the way to the edges of the grid. The red square extend as a vertical line that is behind the green and blue squares so the place where the lines cross over each other, the blue or green square should show.

## Task ID: 4347f46a

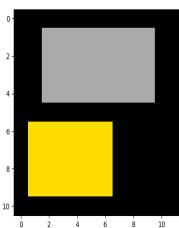
train



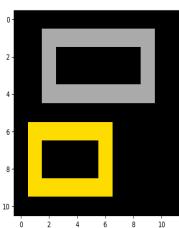
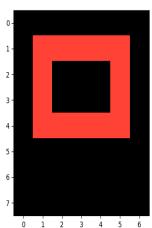
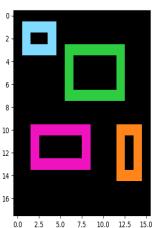
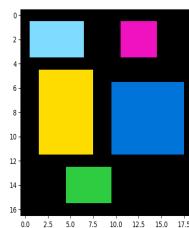
train



train

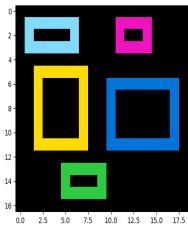


test

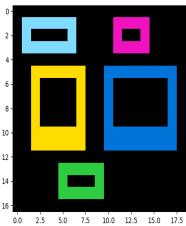


## GPT-4 Generations

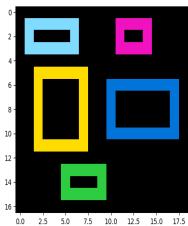
Target



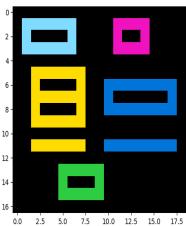
io\_only



nl\_and\_io

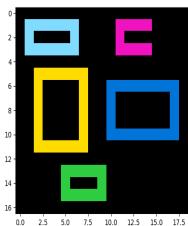


nl\_only

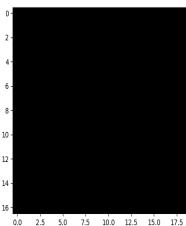


To make the output, you have to...replace all colored blocks inside the rectangular shapes with black so there is only a colored outline of the shapes

nl\_and\_io

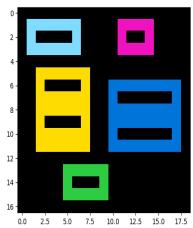


nl\_only

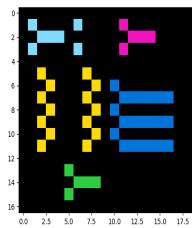


To make the output, you have to...make black squares in the square

nl\_and\_io



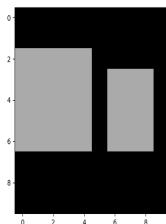
nl\_only



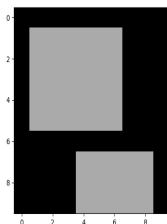
To make the output, you have to...remove the center of the blocks with black and have a single block wide line for each square.

## Task ID: bb43febb

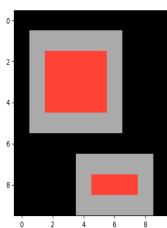
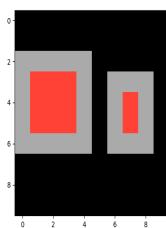
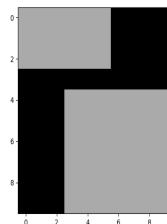
train



train

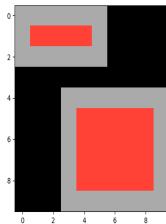


test

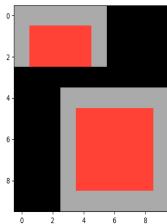


## GPT-4 Generations

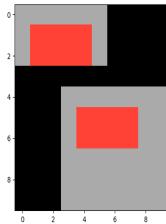
Target



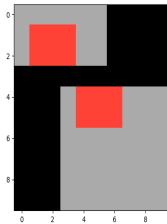
io\_only



nl\_and\_io

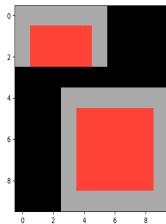


nl\_only

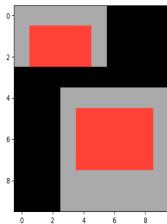


To make the output, you have to... color in the center of each gray square red, but make sure you leave a 1 square gray border around it (so if it's a 5x5 gray square, you would color a red 3x3 square inside it, leaving a gray border around the red square).

nl\_and\_io

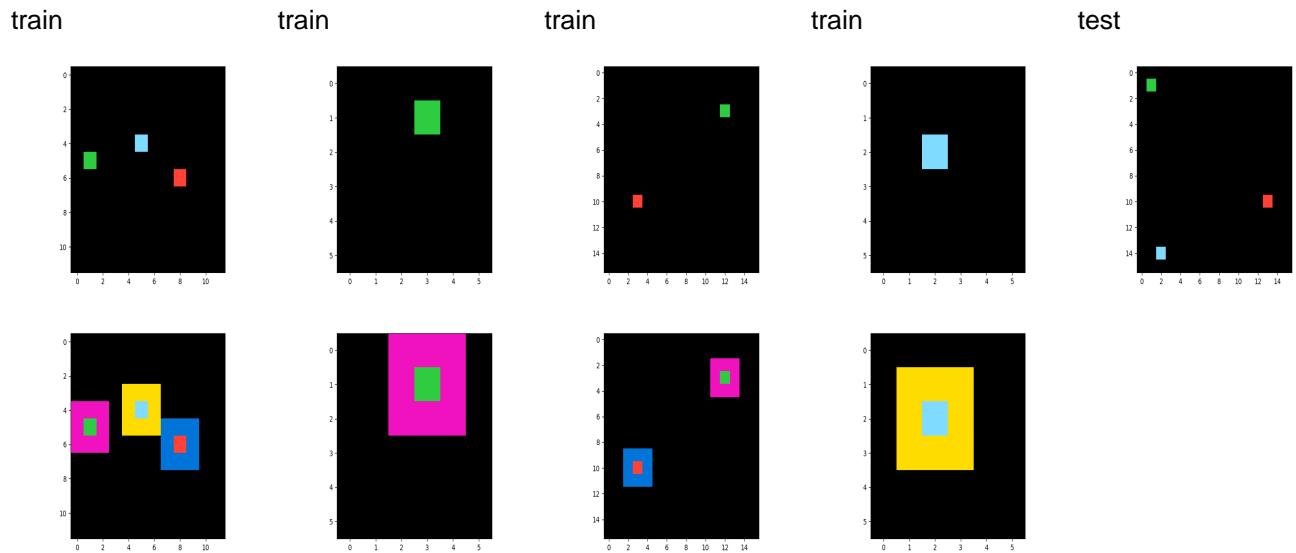


nl\_only

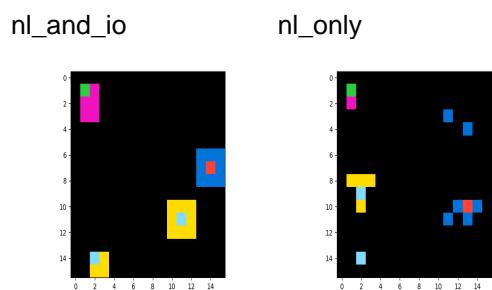
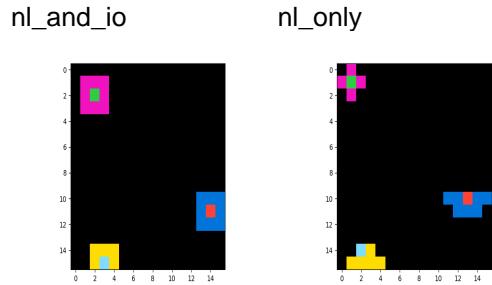
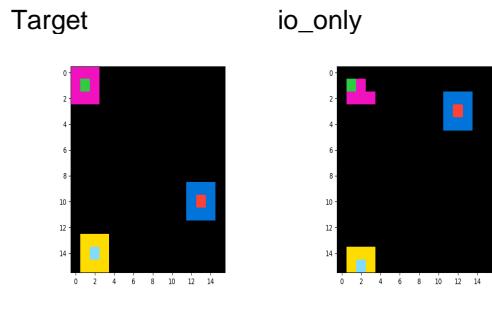


To make the output, you have to... fill the inside of both shapes with red leaving a border the same color as original.

## Task ID: 913fb3ed



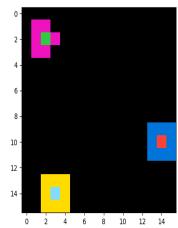
## GPT-4 Generations



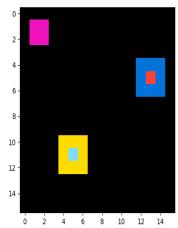
To make the output, you have to... surround any green squares with pink squares, surround any light blue squares with yellow squares, and surround any red squares with dark blue squares

To make the output, you have to...surround green with pink color, light blue with yellow and red with blue

nl\_and\_io



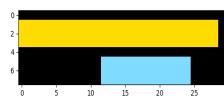
nl\_only



To make the output, you have to...surround any green squares with pink squares, surround any light blue squares with yellow squares, and surround any red squares with dark blue squares.

## Task ID: 3bdb4ada

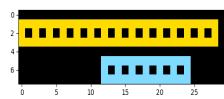
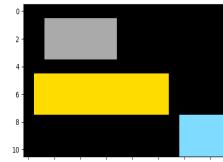
train



train

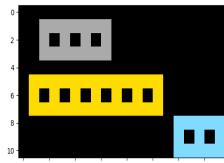


test

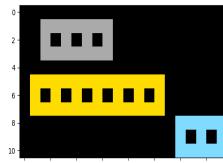


## GPT-4 Generations

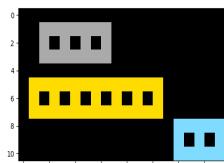
Target



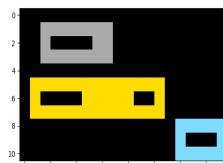
io\_only



nl\_and\_io

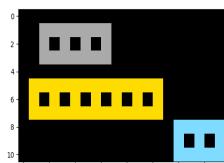


nl\_only

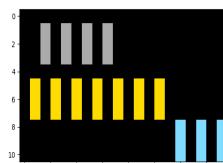


To make the output, you have to....form multiple holes within the formed shapes, like as windows on an airplane, train or a bus.

nl\_and\_io

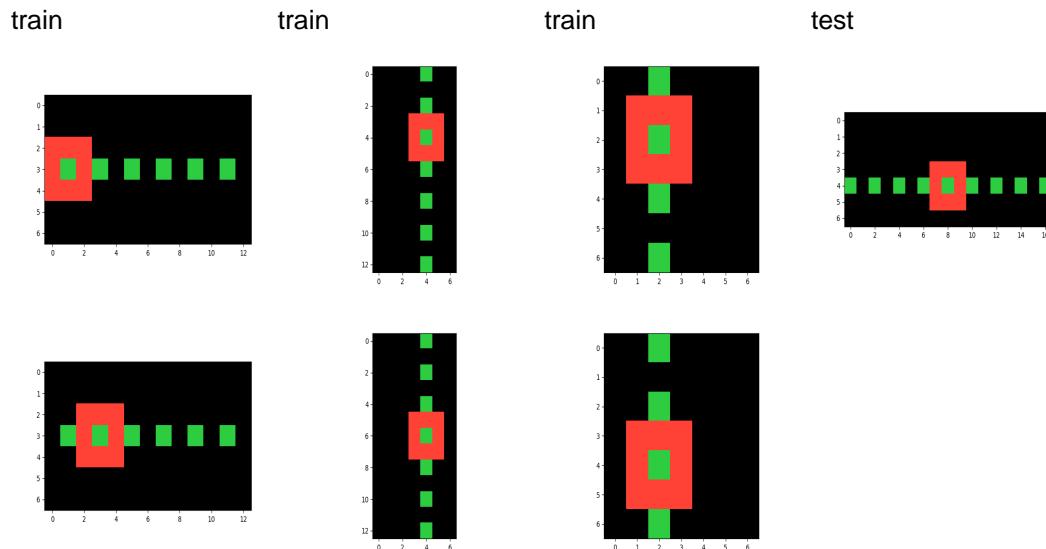


nl\_only

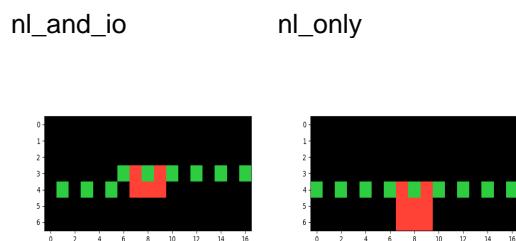
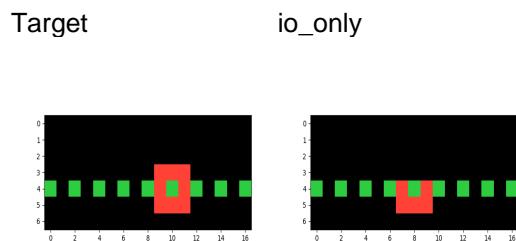


To make the output, you have to...put black squares in the middle of the rectangle shapes so that the pattern is colored square, black square, colored square, black square and so on in the middle of each rectangle.

## Task ID: 5168d44c



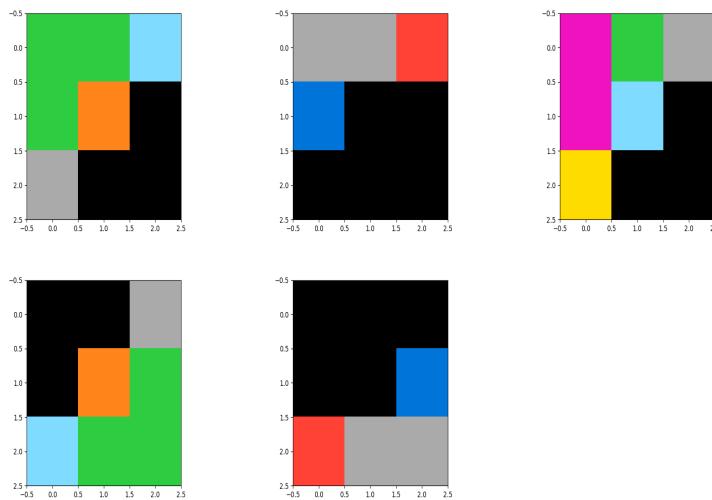
## GPT-4 Generations



To make the output, you have to...If the pattern is vertical, move the red 3x3 block down one 'track'. If the pattern is horizontal, move the red 3x3 block one 'track' to the right. In both instances, only the location of the red blocks should change

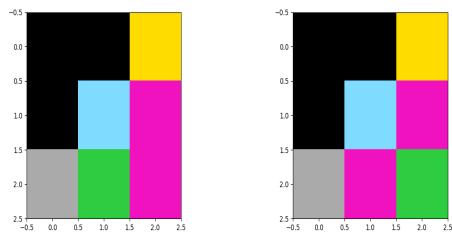
## Task ID: 6150a2bd

train      train      test

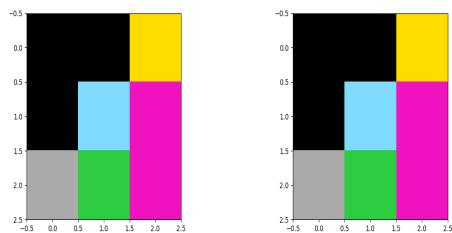


## GPT-4 Generations

Target      io\_only

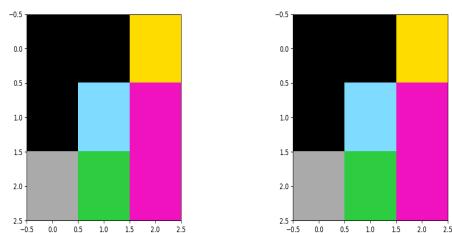


nl\_and\_io      nl\_only



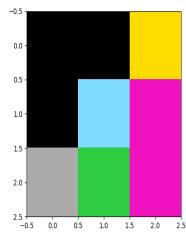
To make the output, you have to...imagine that the entire grid has been flipped both horizontally and vertically. Once you picture it, you can create the output grid.

nl\_and\_io      nl\_only

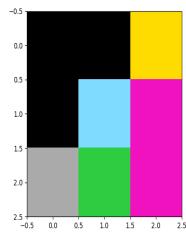


To make the output, you have to...imagine that the entire grid has been flipped both horizontally and vertically. Once you picture that you can create the output grid.

nl\_and\_io



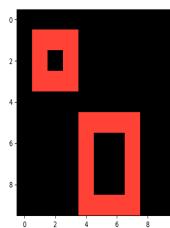
nl\_only



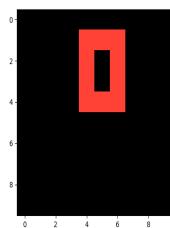
To make the output, you have to... rotate the whole grid two times.  
Imagine that the entire grid has been flipped vertically and horizontally.

### Task ID: d5d6de2d

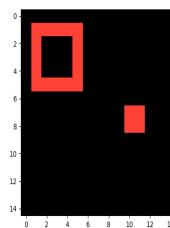
train



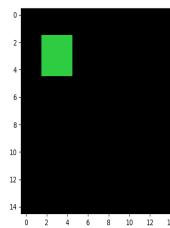
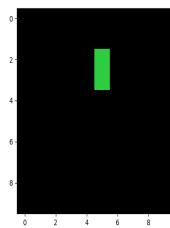
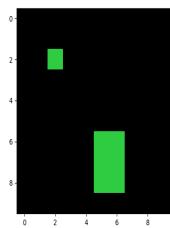
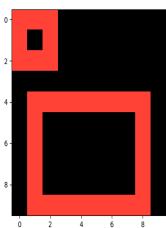
train



train

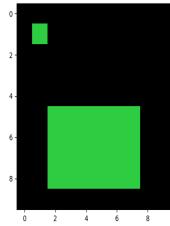


test

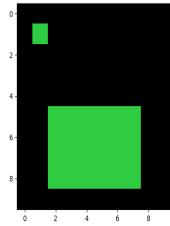


### GPT-4 Generations

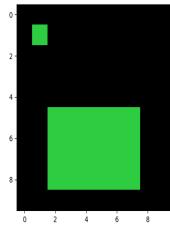
Target



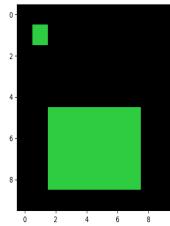
io\_only



nl\_and\_io

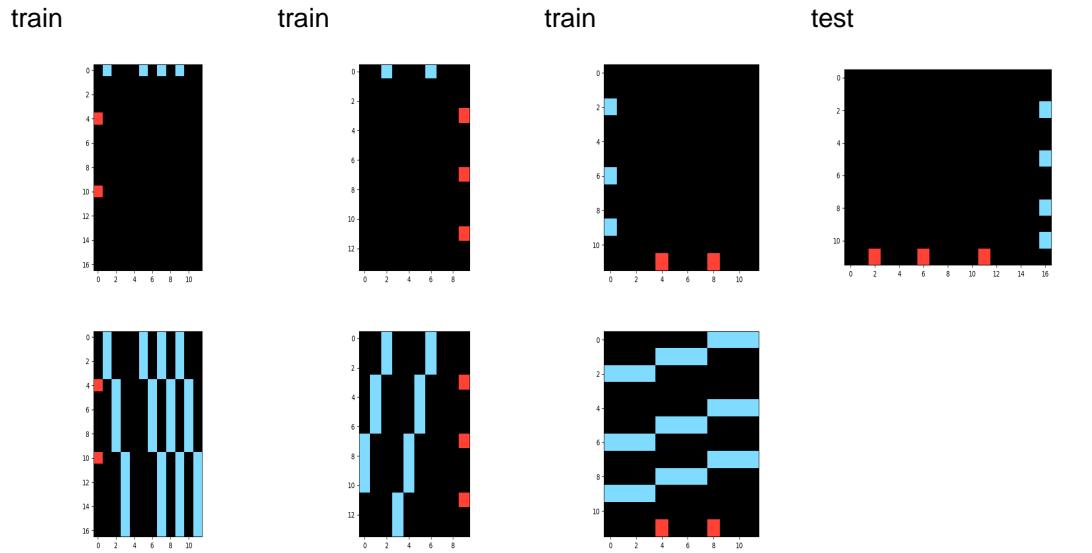


nl\_only

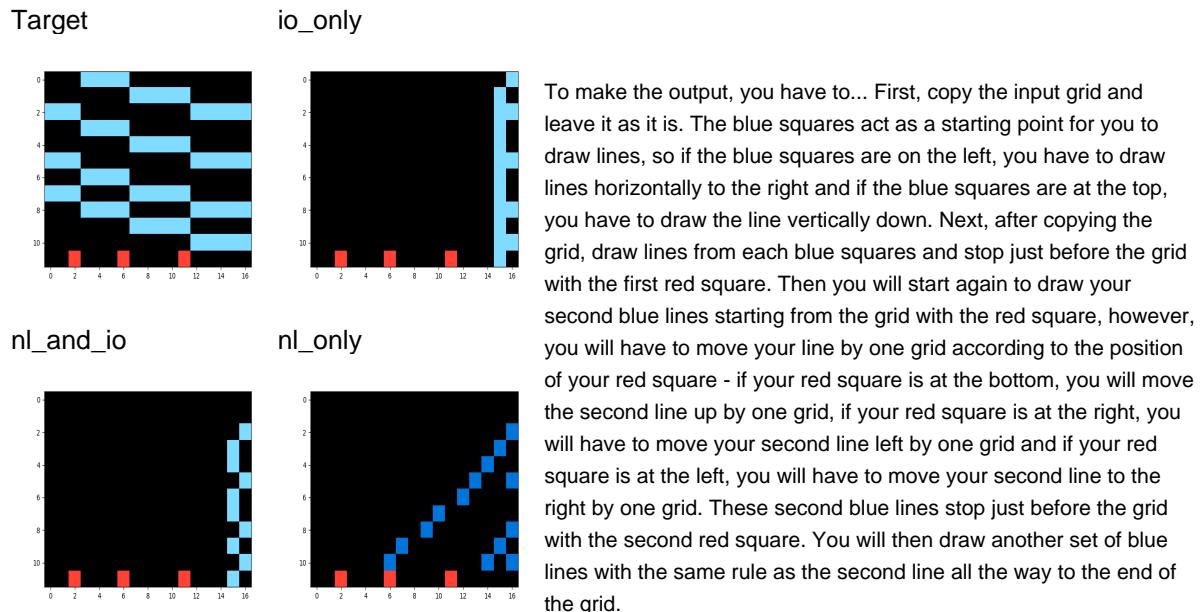


To make the output, you have to...fill in the holes of the boxes with green, then black out the outlines of the boxes

## Task ID: f15e1fac

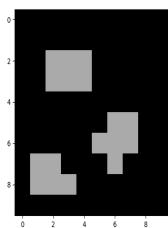


## GPT-4 Generations

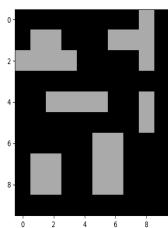


## Task ID: d2abd087

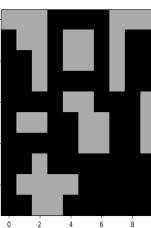
train



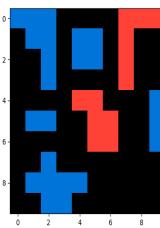
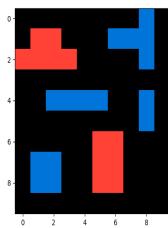
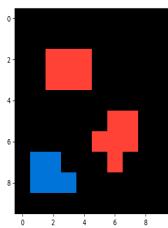
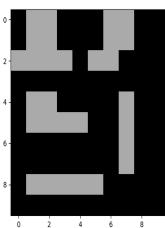
train



train

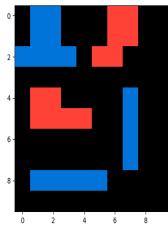


test

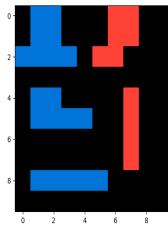


## GPT-4 Generations

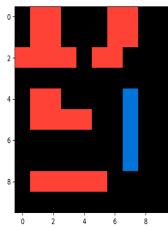
Target



io\_only



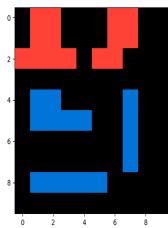
nl\_and\_io



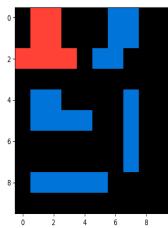
nl\_only

To make the output, you have to...item with 6 red and the other blue

nl\_and\_io



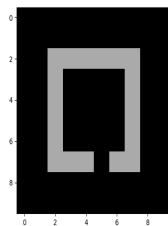
nl\_only



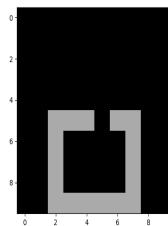
To make the output, you have to...copy the input grid. Then count how many gray squares make up each of the individual shapes. If the shape uses (6) gray squares, change those gray squares to red. If the shape has any other number of gray squares, change the gray squares to blue.

### Task ID: d4f3cd78

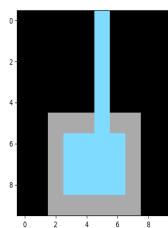
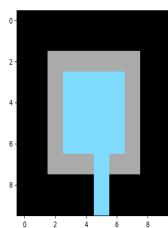
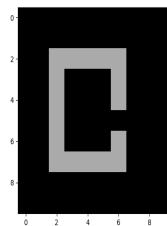
train



train

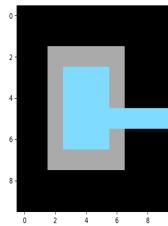


test

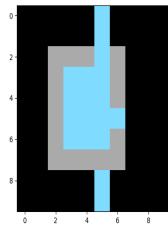


### GPT-4 Generations

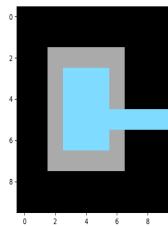
Target



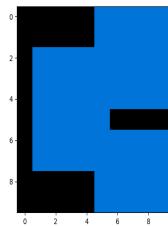
io\_only



nl\_and\_io



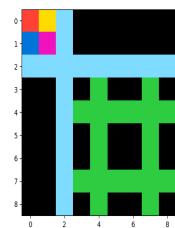
nl\_only



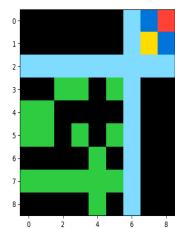
To make the output, you have to...Fill in the square with light blue. Make the single black square that should be gray in the input light blue as well. Then you want to continue with light blue to make a line going to the edge of the grid. So it is like a line is going out of the square to the edge like a stop sign (but in any direction)

## Task ID: 7c008303

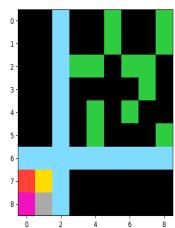
train



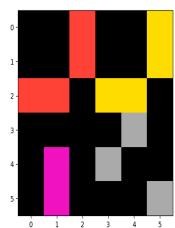
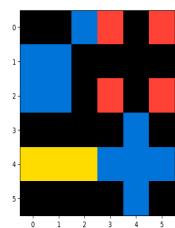
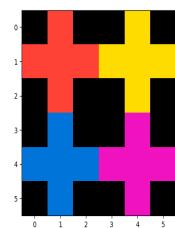
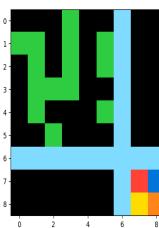
train



train

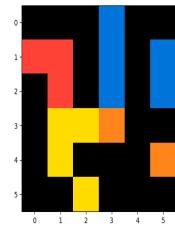


test

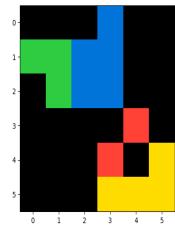


## GPT-4 Generations

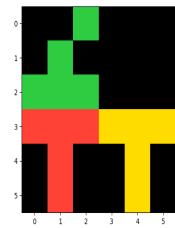
Target



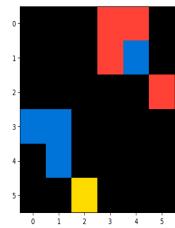
io\_only



nl\_and\_io



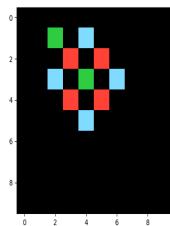
nl\_only



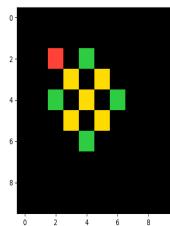
To make the output, you have to...fill in the entire grid with black. You then need to use each of the colors from the 2x2 grid to make the same design as the green design shown in the input grid. The colors must be in the same area shown in the 2x2 area. Each area will be a 3x3 grid, so there are a total of 4 3x3 grids. If the upper right square in the input pair is pink, then the design in the upper right 3x3 grid should be pink. Repeat the color blocks for the other 3x3 areas.

## Task ID: 11852cab

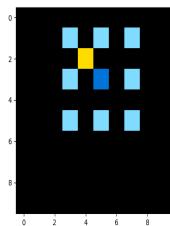
train



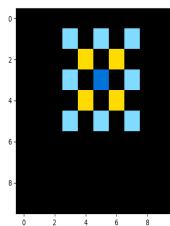
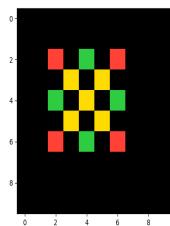
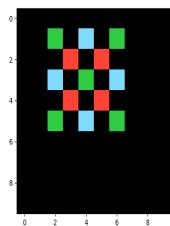
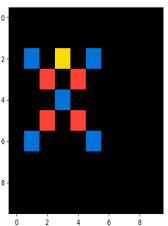
train



train

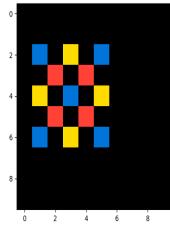


test

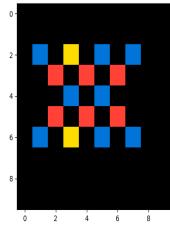


## GPT-4 Generations

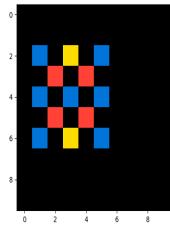
Target



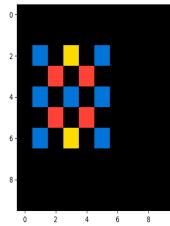
io\_only



nl\_and\_io



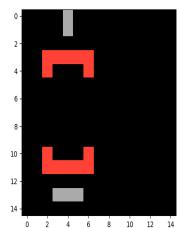
nl\_only



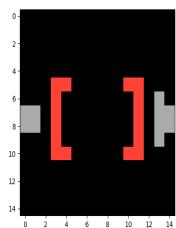
To make the output, you have to...complete the pattern that is not there by color each side with the color that is not there to complete the pattern

## Task ID: 6855a6e4

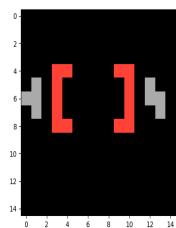
train



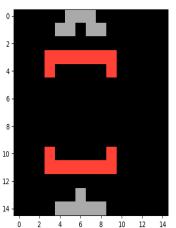
train



train

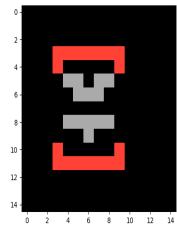


test

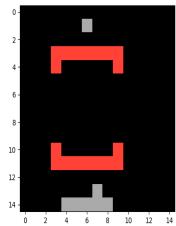


## GPT-4 Generations

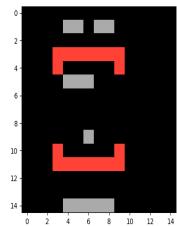
Target



io\_only



nl\_and\_io

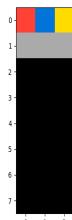


nl\_only

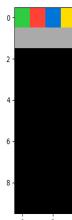
To make the output, you have to...output grid perfectly

## Task ID: bd4472b8

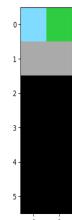
train



train



train

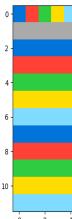


test

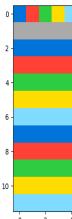


## GPT-4 Generations

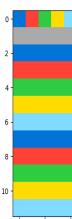
Target



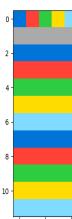
io\_only



nl\_and\_io

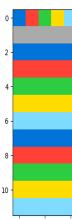


nl\_only

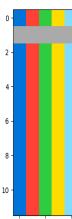


To make the output, you have to...start on the third row (after the row of gray) and make the entire third row the same as the first color in the first row, then make the entire fourth row the same as the second color in the first row and so on for the next color. Once all colors have been done, then repeat the same pattern.

nl\_and\_io

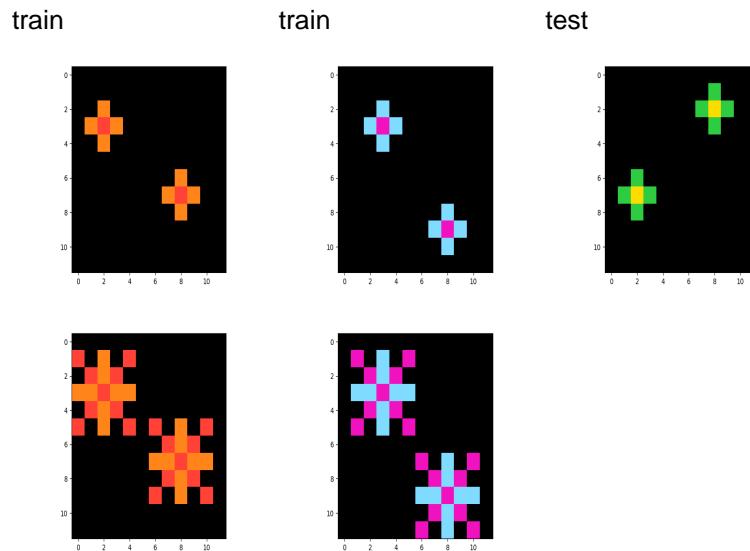


nl\_only

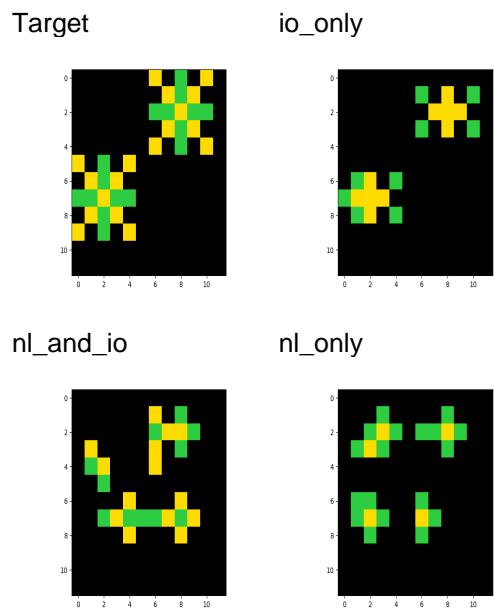


To make the output, you have to...filled the black grid from the third row with the colors specified in the first row. For example, fill the third row with the color in the first row and first column, and repeat.

### Task ID: 0962bcdd

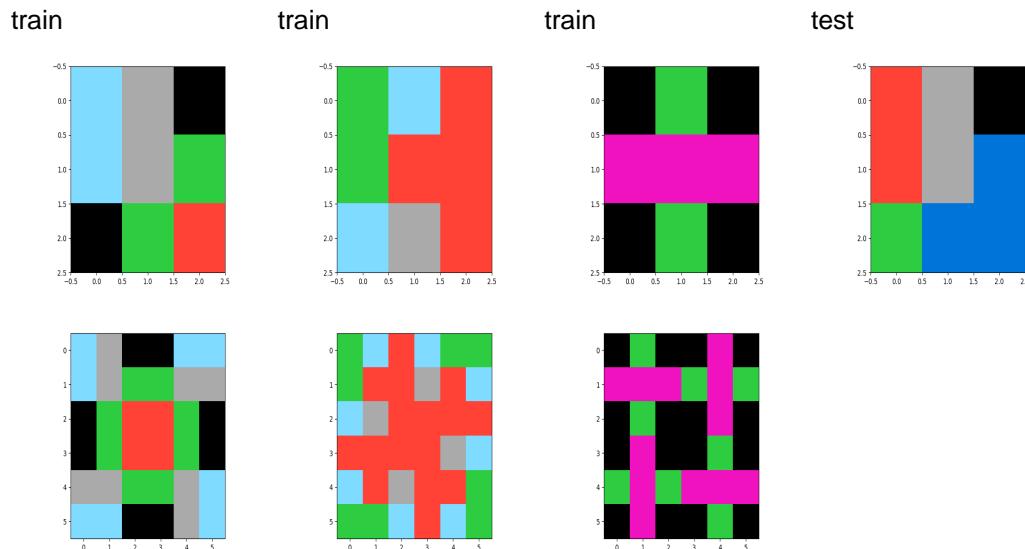


### GPT-4 Generations

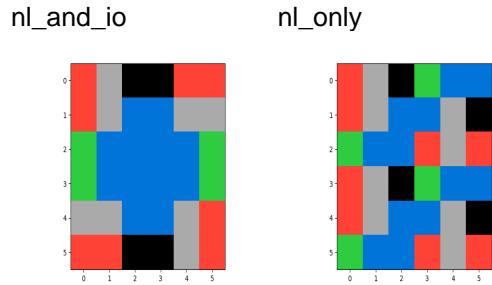
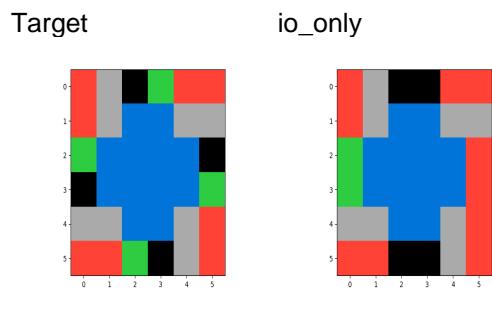


To make the output, you have to...extend the plus sign one square in every direction and then make a 5x5 'X' of the center color through the center square. You should result in nine squares the color of the center and eight the color of the original plus sign.

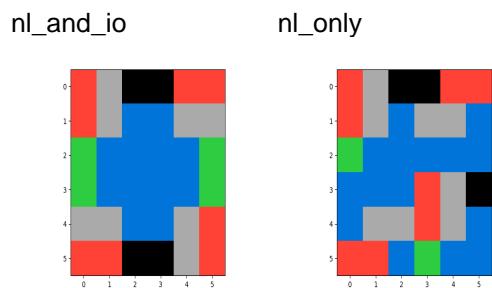
## Task ID: 7fe24cdd



## GPT-4 Generations



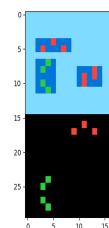
To make the output, you have to...copy the original 3x3 pattern and replicate it after you rotate it clockwise onto the output. The top left 3x3 section should be the same as the input. Then replicate and rotate to the right of this in the 3x3 section to the left, continue this until you have replicate and rotate 3 times total.



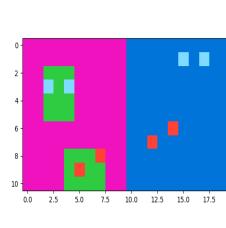
To make the output, you have to... imagine the 6x6 output grid is split into four squares. Copy the input pattern onto the top left square, rotate 90 degrees to the right for the top right square, rotate again for the bottom right, then again for the bottom left.

## Task ID: e6721834

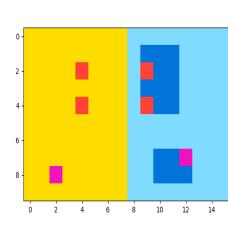
train



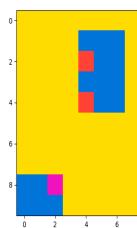
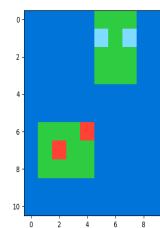
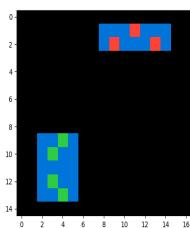
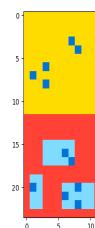
train



train

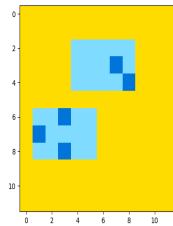


test

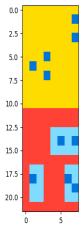


## GPT-4 Generations

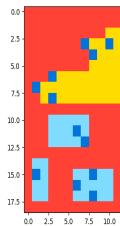
Target



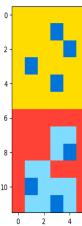
io\_only



nl\_and\_io

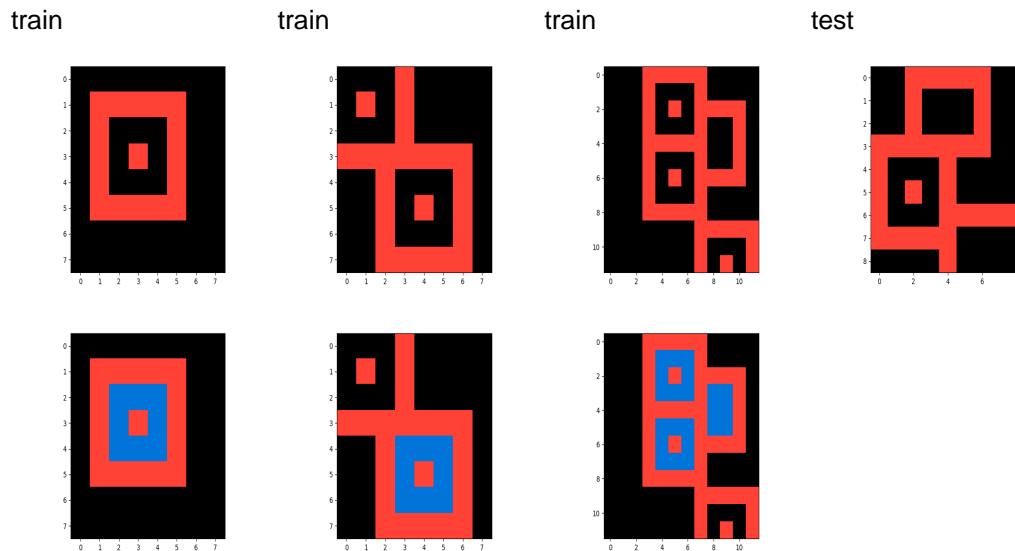


nl\_only

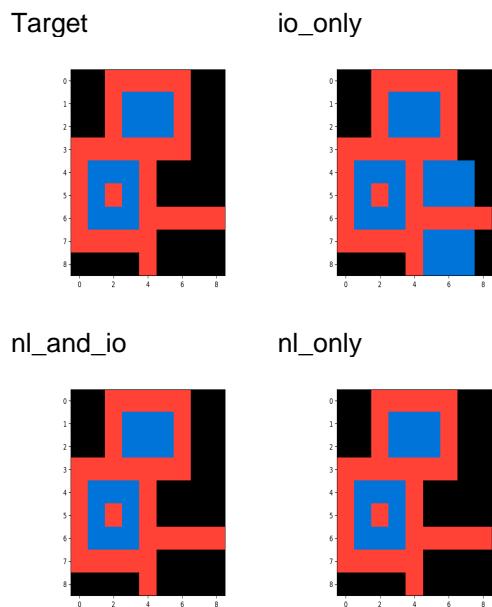


To make the output, you have to...Copy the grid that has the individual colored squares only. Look at the grid that was not used and create the same colored shapes around the individual squares on the grid. They should be the same colors, shapes, and number of squares.

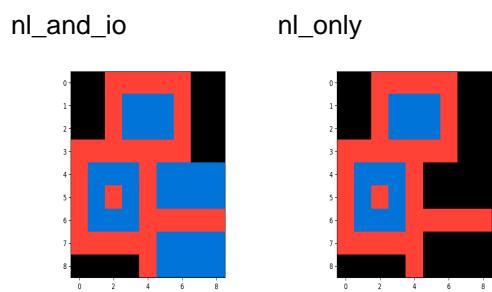
## Task ID: a5313dff



## GPT-4 Generations



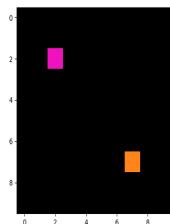
To make the output, you have to...color the inside blue but if the border of shape goes outside the grid leave inside black



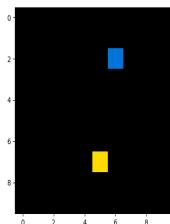
To make the output, you have to...changed the grid and the color.

## Task ID: 1bfc4729

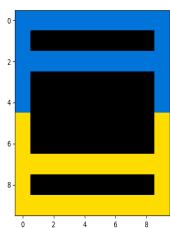
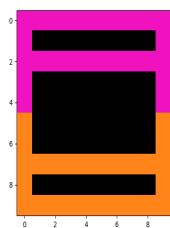
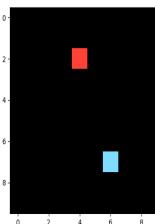
train



train

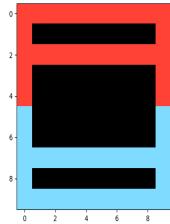


test

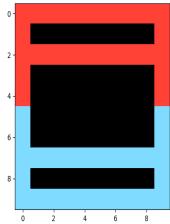


## GPT-4 Generations

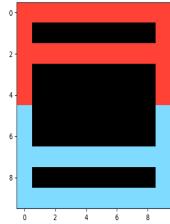
Target



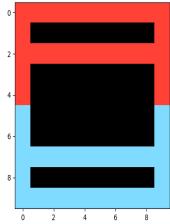
io\_only



nl\_and\_io

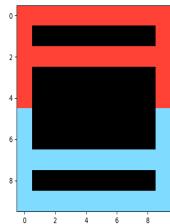


nl\_only

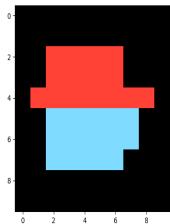


To make the output, you have to...use the top color to fill in the entire first row, the first and last blocks of the second row, the entire third row, and the first and last blocks of the 4th and 5th rows. Then use the bottom color to fill in the first and last blocks of the 6th and 7th rows, fill in the entire 8th row, the first and last blocks of the 9th row, and the entire bottom (10th) row

nl\_and\_io

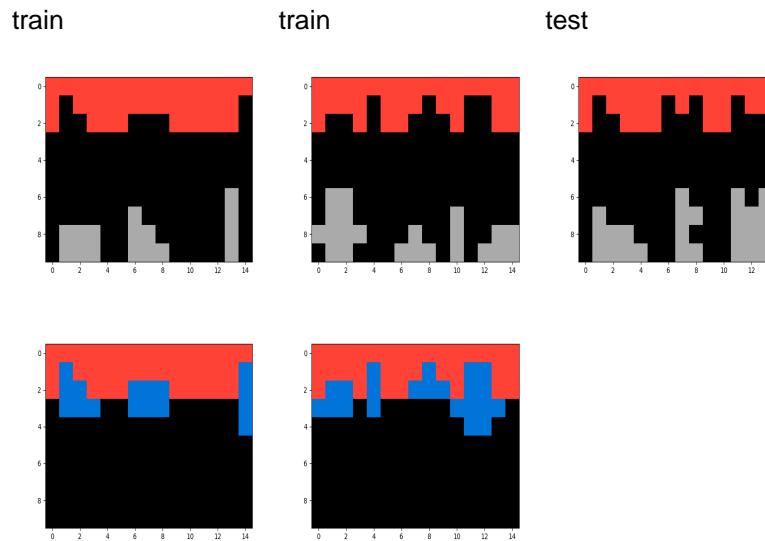


nl\_only

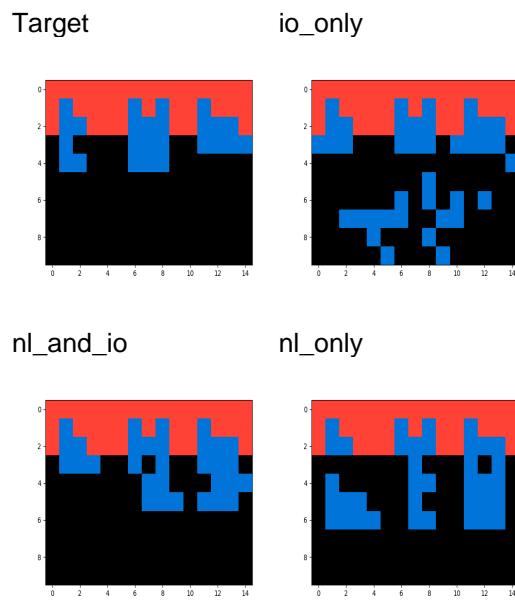


To make the output, you have to...use same color as input. 2 patterns, top and bottom; pattern like a long A stretch horizontally top then upside down on bottom of grid. To made the A and upside down A all side of grid are colored same color as the near color tile from input. Finally, add a 2 horizontal lines; 1 near top, 1 near bottom.

## Task ID: 6a1e5592



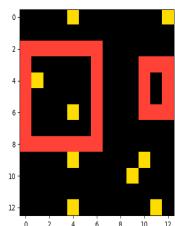
## GPT-4 Generations



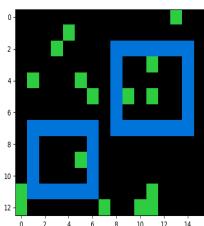
To make the output, you have to... copy the input grid. Then move each gray shape up into the space where it fits best into the red shape. Finally turn all of the gray shapes dark blue.

## Task ID: fcb5c309

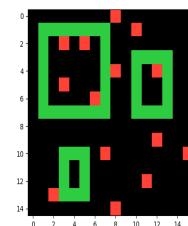
train



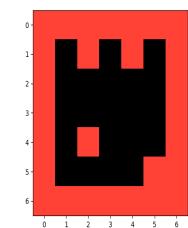
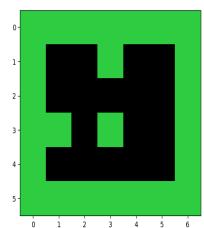
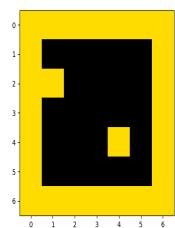
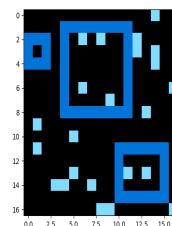
train



train

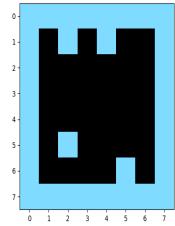


test

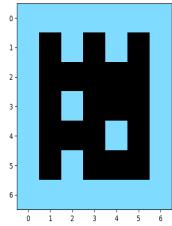


## GPT-4 Generations

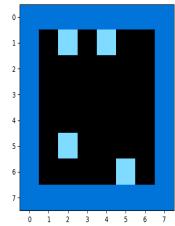
Target



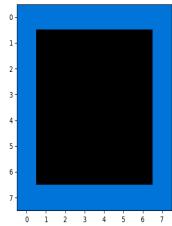
io\_only



nl\_and\_io

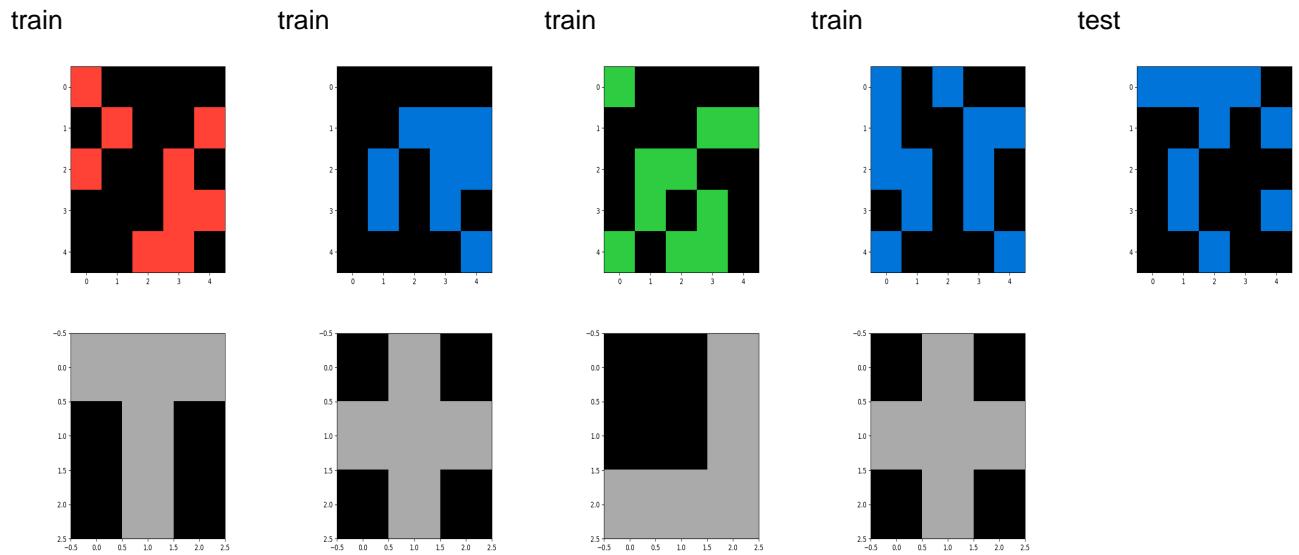


nl\_only

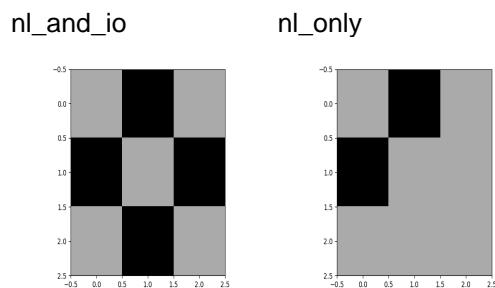
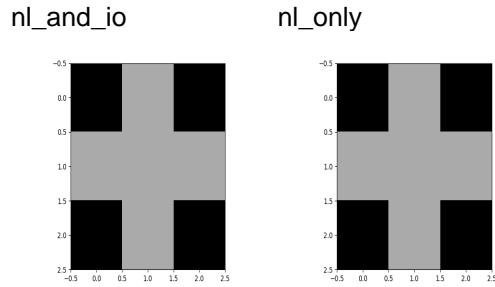
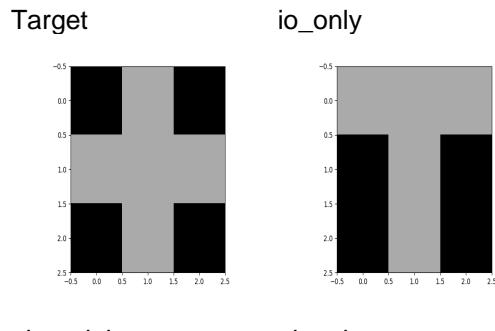


To make the output, you have to...copy the largest squared border including colored squares inside but make all colored squares the same color as interior squares.

## Task ID: d4469b4b



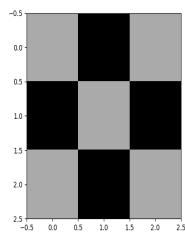
## GPT-4 Generations



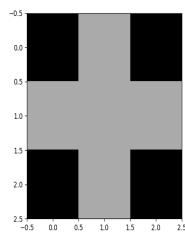
To make the output, you have to... make a 3x3 grid. If the input grid has blue shapes, the output should be light grey with black in the four corners (making a grey plus sign). If the input grid has red shapes, the output should be light grey with black on the lower left, middle left, middle right and lower right (making a grey T shape). If the input grid has green shapes, the output should be light grey with black in the upper left, middle left, upper center and middle center (making a 2x2 black square in the upper left).

To make the output, you have to...make a gray grid with four black corner squares if the input is blue squares. If the input is red squares, make a make a gray grid with the bottom right and bottom left black and the middle left and middle right black. If the input is green squares, make a gray grid with a 2x2 black square in the top left.

nl\_and\_io



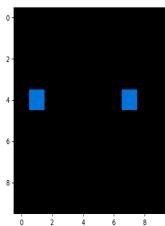
nl\_only



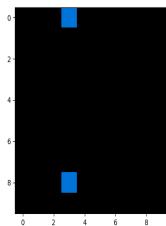
To make the output, you have to...make a gray grid with four black corner squares if the input is blue squares.if the input is red squares,make a gray grid with the bottom right and bottom left black and the middle left and middle right black. if the input is green squares,make a gray with a 2x2 black square in the top left

## Task ID: e9614598

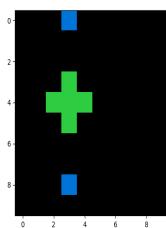
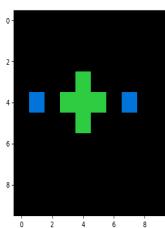
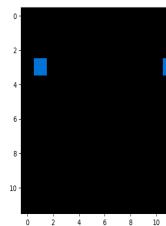
train



train

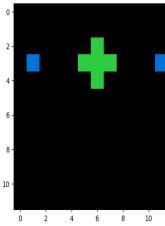


test

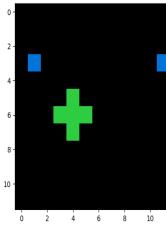


## GPT-4 Generations

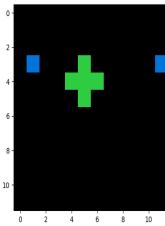
Target



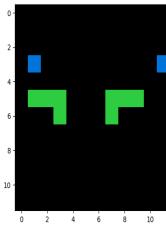
io\_only



nl\_and\_io

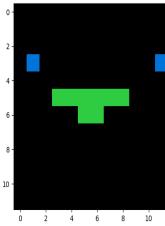


nl\_only

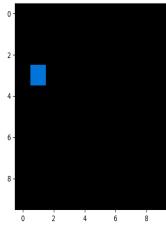


To make the output, you have to...imagine the line that would be formed by the blue squares and fill in the middle square with green. Then using the green square as a starting place fill in the block above, below, and on each side with green. It should look like a plus sign.

nl\_and\_io



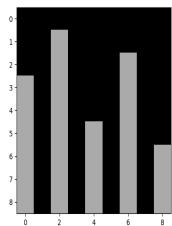
nl\_only



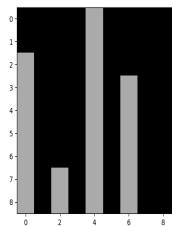
To make the output, you have to... replicate the location of the two blue squares. Then color the half way point of the two with a green square. From that green square, also color the top, bottom, left, and right square from it green to make a plus sign.

## Task ID: a61f2674

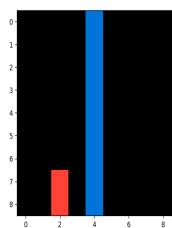
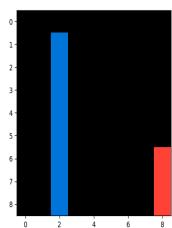
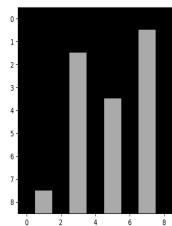
train



train

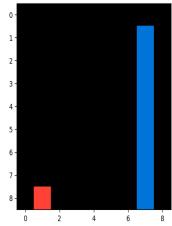


test

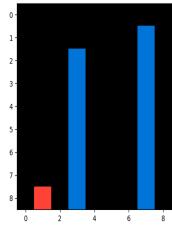


## GPT-4 Generations

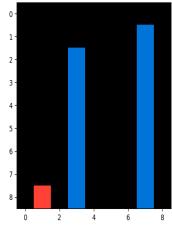
Target



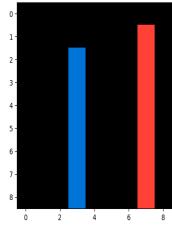
io\_only



nl\_and\_io

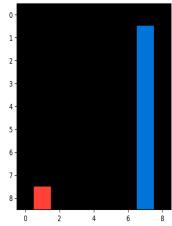


nl\_only

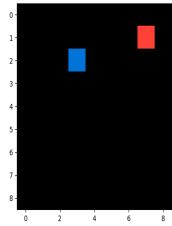


To make the output, you have to...change the shortest group of blocks from gray to red, change the tallest group of blocks from gray to blue. Change the remaining gray blocks to black.

nl\_and\_io

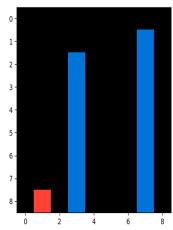


nl\_only

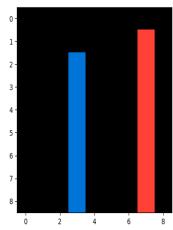


To make the output, you have to... change the shortest grey line to red and the tallest line to blue. The remaining lines turn black.

nl\_and\_io

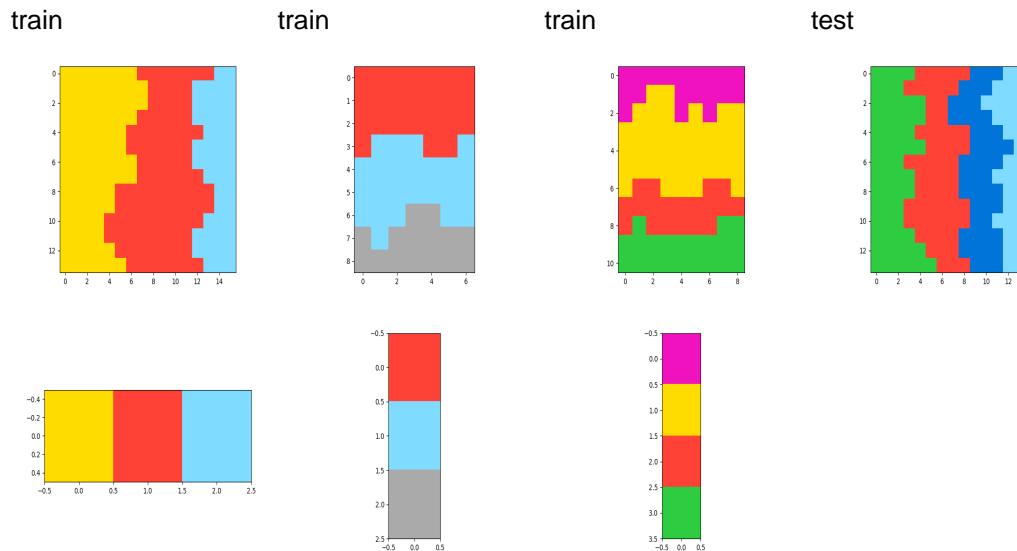


nl\_only

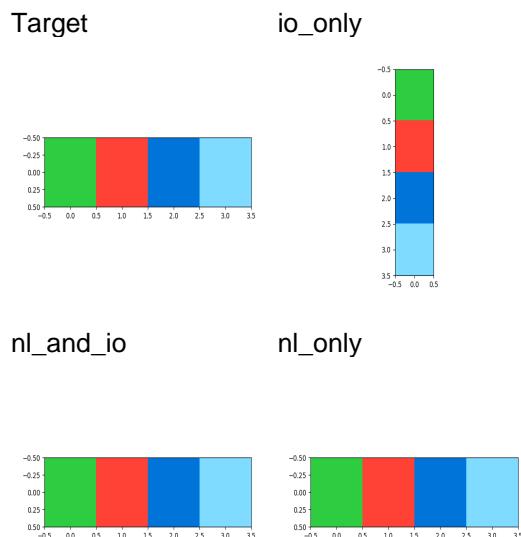


To make the output, you have to...change the shortest colored blocks from gray to red and the tallest colored blocks from gray to blue.  
Change the remaining gray blocks to black.

## Task ID: 4be741c5



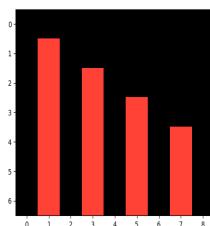
## GPT-4 Generations



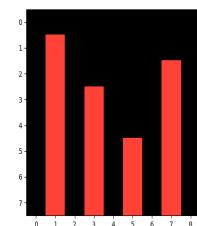
To make the output, you have to...Take the first color, vertically or horizontally, then fill that color in the corresponding square in the output. Then the second and third...

## Task ID: ce9e57f2

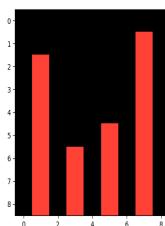
train



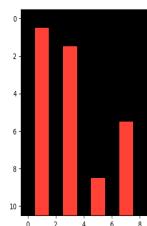
train



train

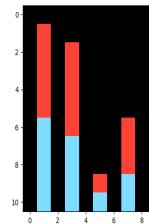


test

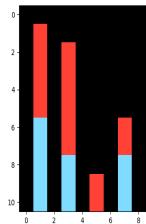


## GPT-4 Generations

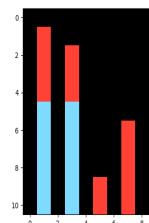
Target



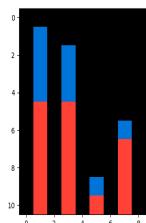
io\_only



nl\_and\_io



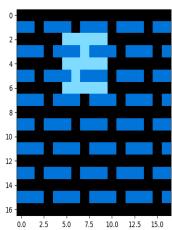
nl\_only



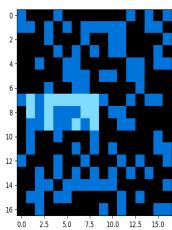
To make the output, you have to...change the lower half of the red bars to light blue and the upper half remain red. If there are an even number of squares in the bar, the red squares and light blue squares should be even. If there are an odd number of squares in a bar, there should be one more upper red squares than there are lower blue squares.

## Task ID: 32597951

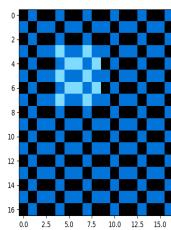
train



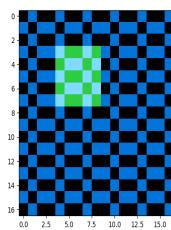
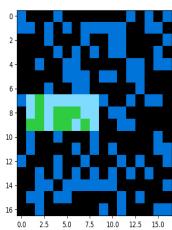
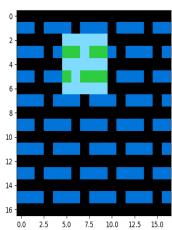
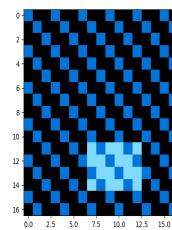
train



train

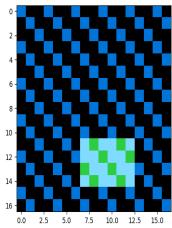


test

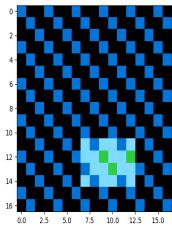


## GPT-4 Generations

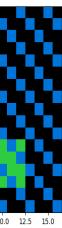
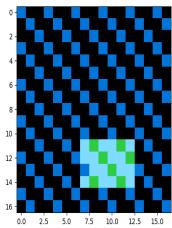
Target



io\_only

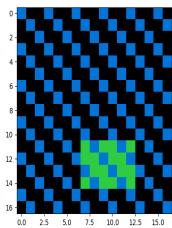
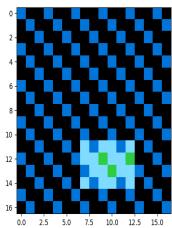


nl\_and\_io



To make the output, you have to...change the dark blue boxes to green boxes where they cover parts of the rectangle created by the light blue boxes. Once changed the rectangle shape should be clear with no dark blue boxes within its borders.

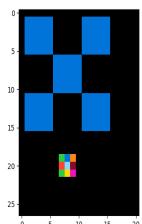
nl\_and\_io



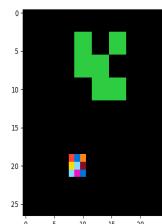
To make the output, you have to...replace the blue squares with green squares to complete a square of a rectangle with the light blue blocks

## Task ID: 6ecd11f4

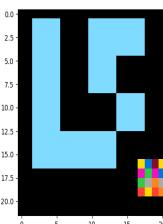
train



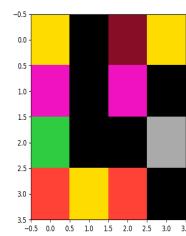
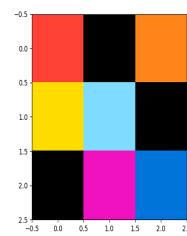
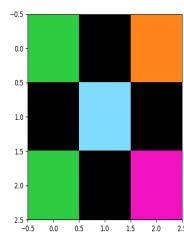
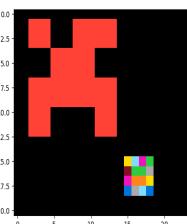
train



train

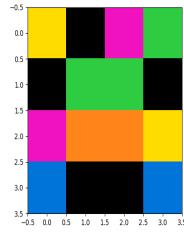


test

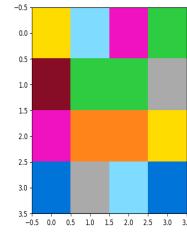


## GPT-4 Generations

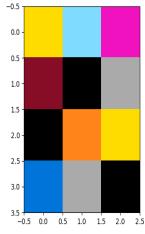
Target



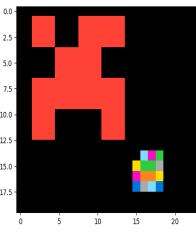
io\_only



nl\_and\_io

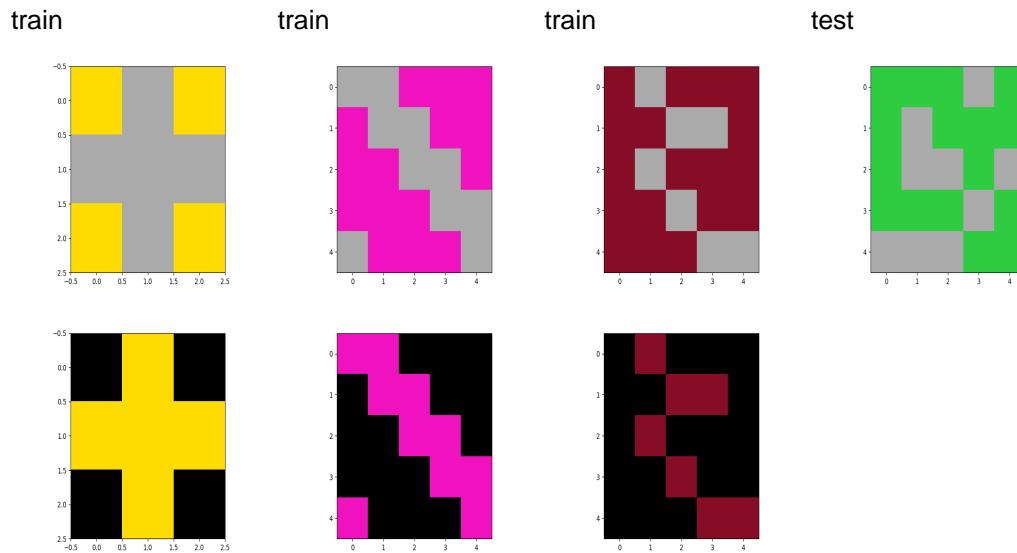


nl\_only

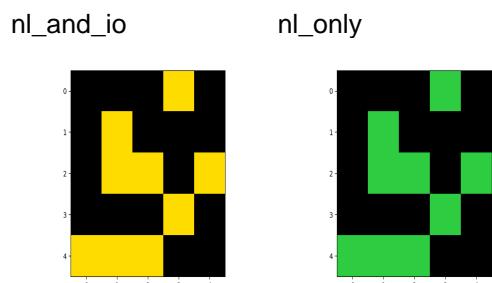
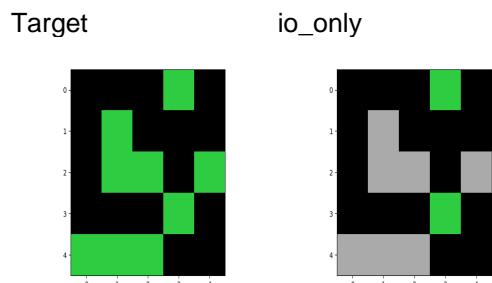


To make the output, you have to...replicate the smaller grid. Change the colors to black where they are black in the larger rectangle

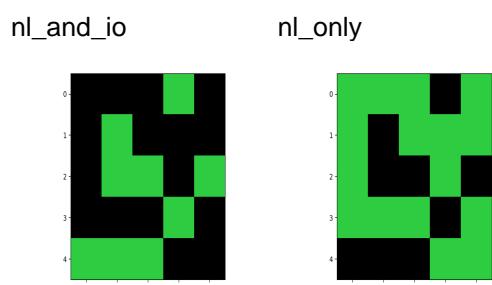
## Task ID: f76d97a5



## GPT-4 Generations

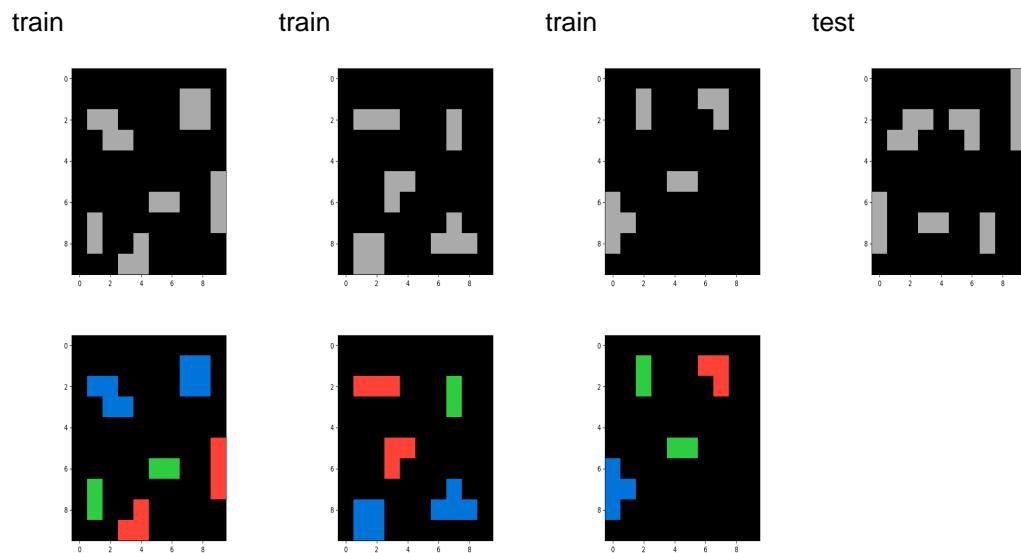


To make the output, you have to...replace the grey boxes to the color and replace the color boxes with black

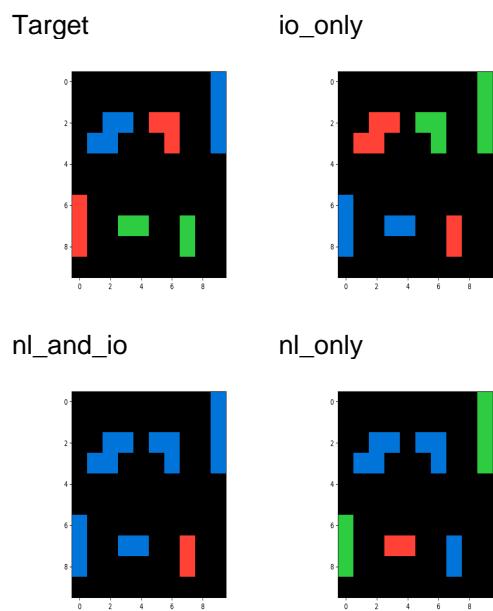


To make the output, you have to...replace all grey to color and replace other color with black

## Task ID: 6e82a1ae

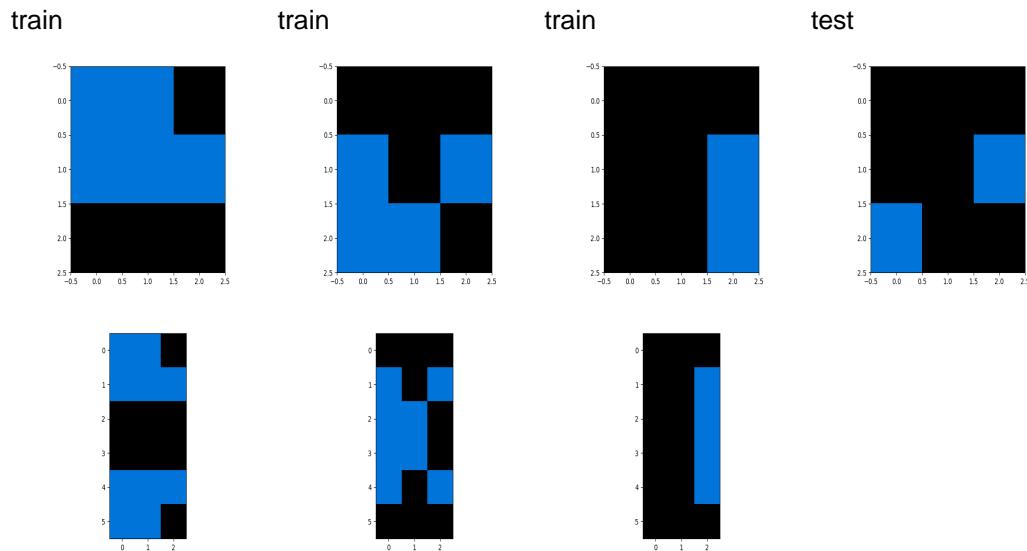


## GPT-4 Generations

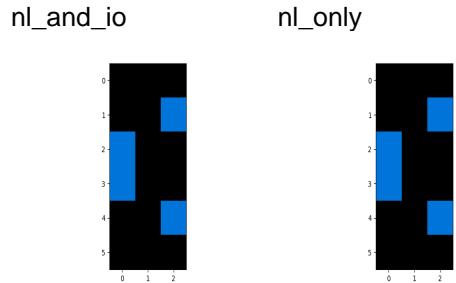
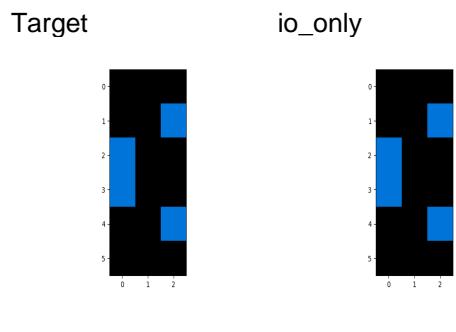


To make the output, you have to...count the 4 grid shape and color it with blue in the output and follow the same for 2 grid with green and 3 grid with red.

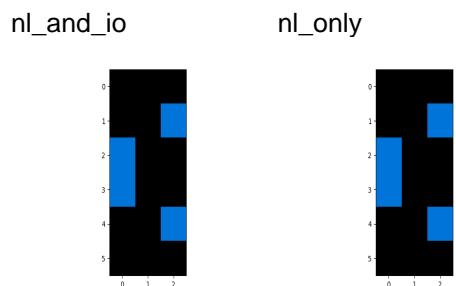
## Task ID: 8be77c9e



## GPT-4 Generations

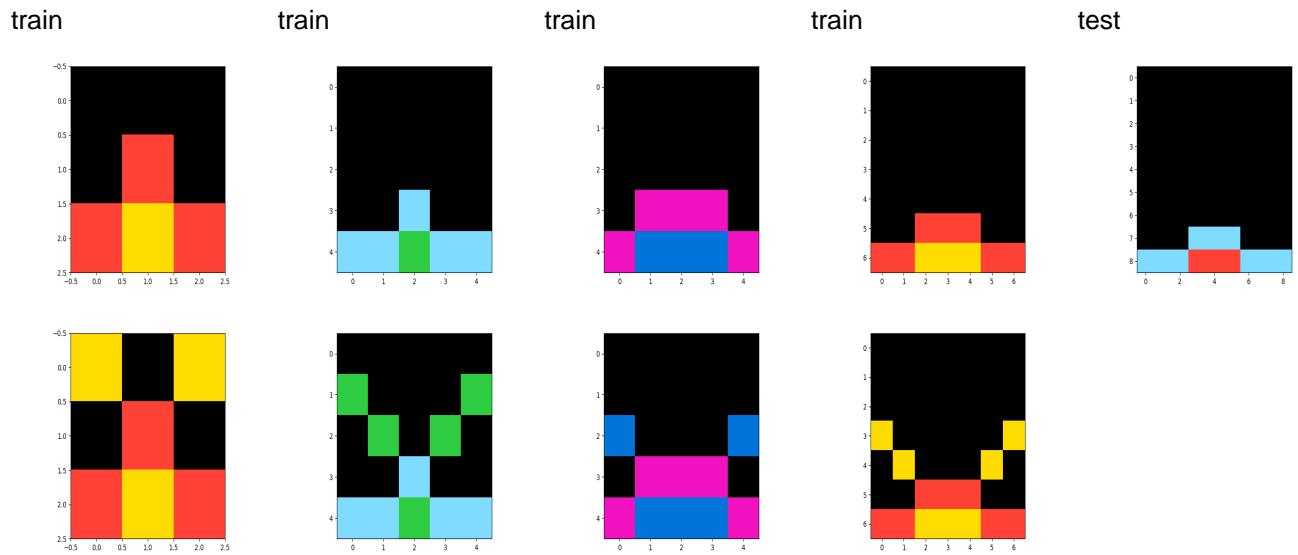


To make the output, you have to...fill the top of the grid with the same as original. And fill the bottom of the grid with a mirror image of the original.

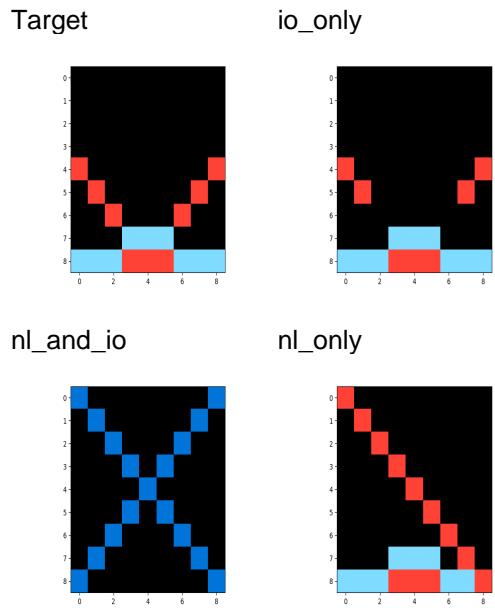


To make the output, you have to...mirror the grid on the new grid

## Task ID: b8cdaf2b

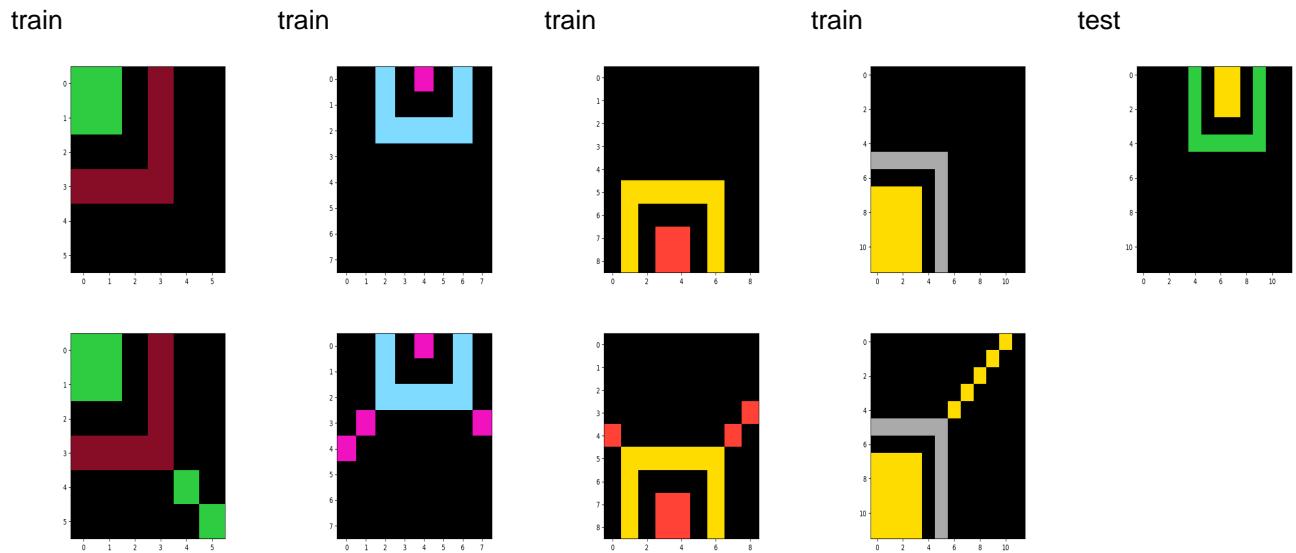


## GPT-4 Generations

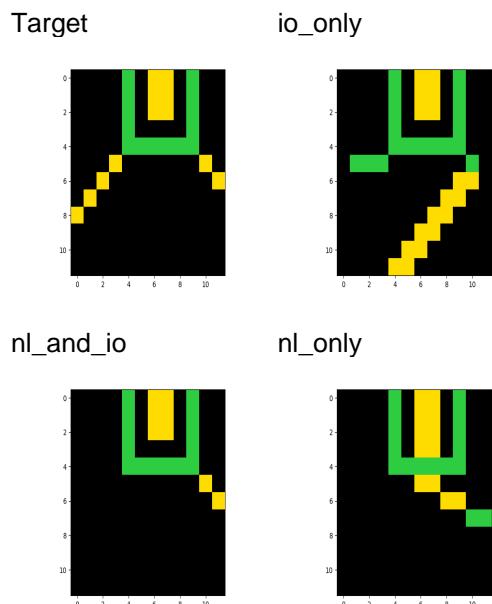


To make the output, you have to...create a diagonal line from the top to the sides with the less majority color.

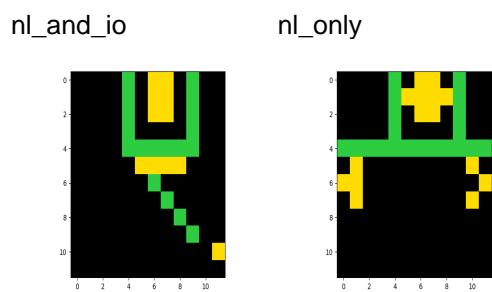
## Task ID: ec883f72



## GPT-4 Generations

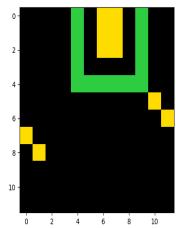


To make the output, you have to...Add diagonal lines from the corner of the larger box to the end of the grid, using the color of the inner box.

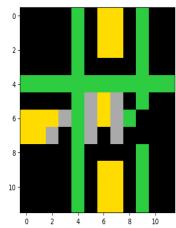


To make the output, you have to...Extend squares of the color of the smaller square from the corners of the border box on a diagonal until you touch the edge of the grid.

nl\_and\_io

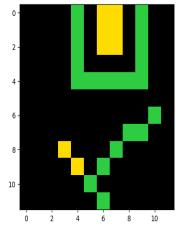


nl\_only

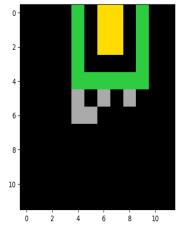


To make the output, you have to...extend a diagonal line from each visible corner of the outer square. This diagonal line should match the color of the inner square.

nl\_and\_io

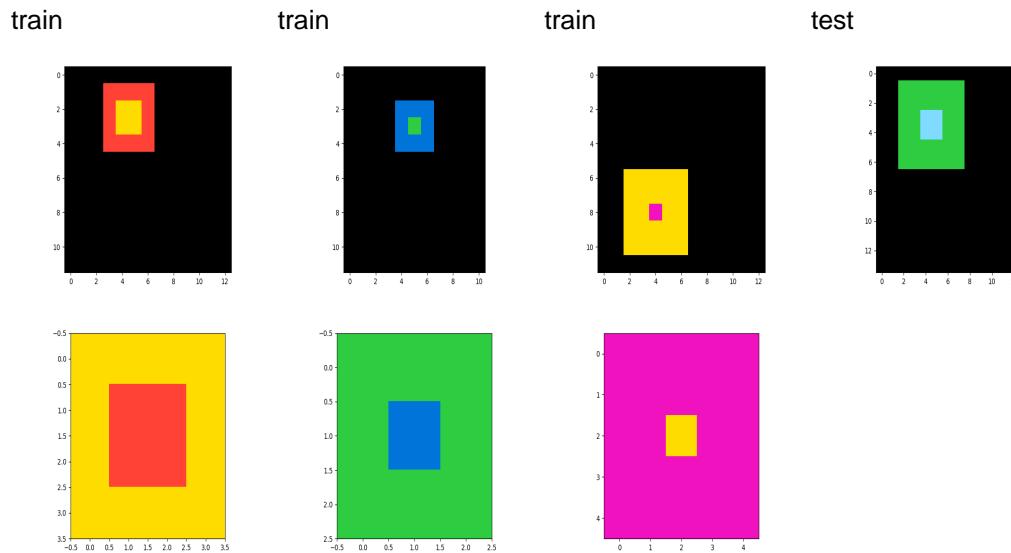


nl\_only

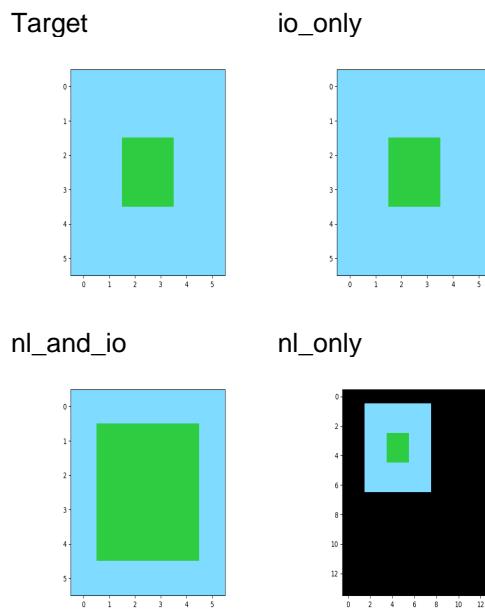


To make the output, you have to...replicate the input image and add diagonal lines moving from each corner of the border to the edge of the output image. Diagonal line should be the same color as the inner rectangle

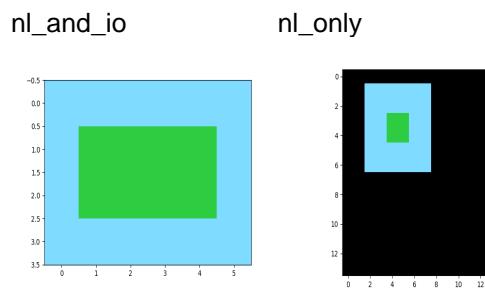
## Task ID: b94a9452



## GPT-4 Generations

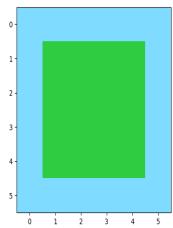


To make the output, you have to...make an output grid that is the same size as the larger square. The size and placement of the smaller inner square should be the same relative input grid. The colors of the two squares should be swapped.

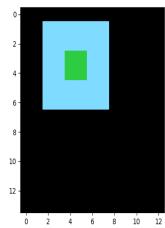


To make the output, you have to...reverse the colors of the original squares, keeping their original dimensions.

nl\_and\_io

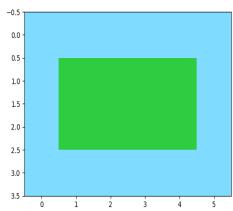


nl\_only

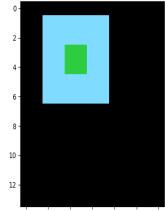


To make the output, you have to... copy the colored square pattern, but trade colors. For example: If you have a large blue square with a green center on the input, copy that to make a large green square with a blue center.

nl\_and\_io

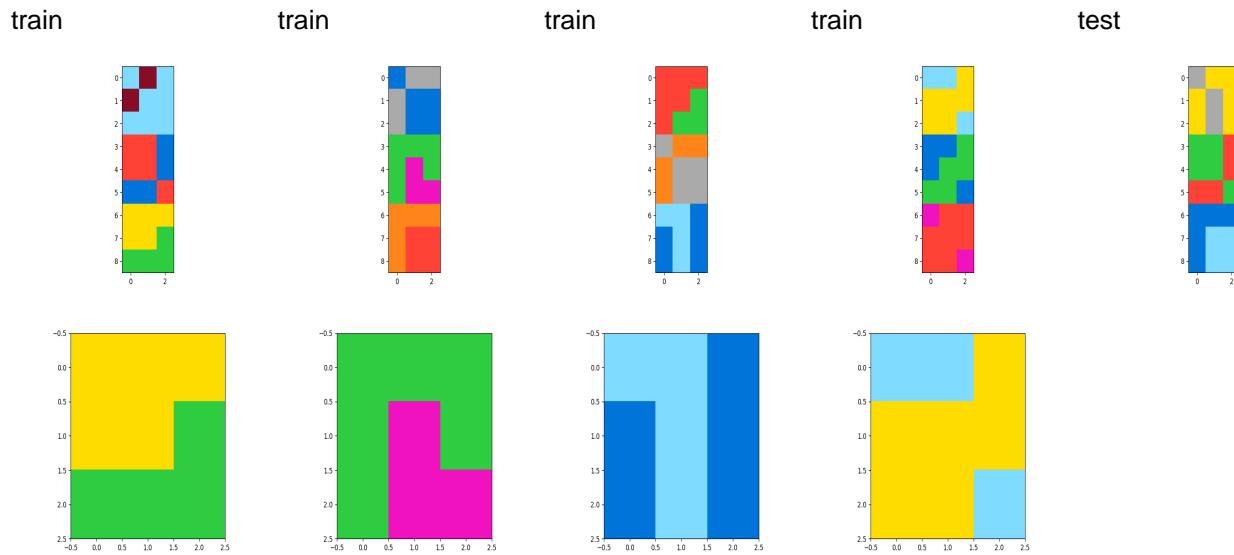


nl\_only

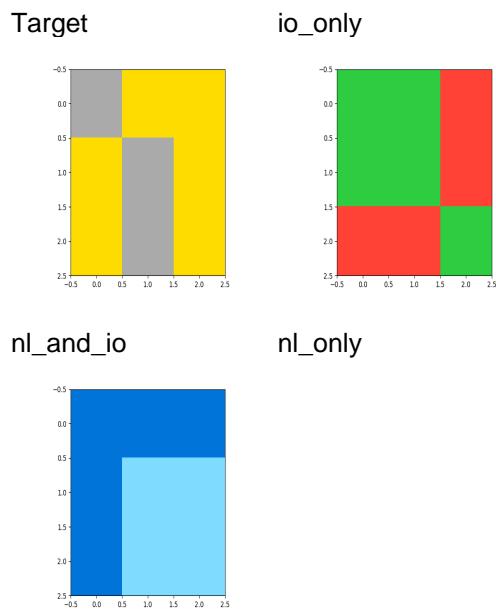


To make the output, you have to...make an output grid that is the same size as the larger square. The size and placement of the smaller inner square should be the same relative to the input grid. The colors of the two squares should be swapped.

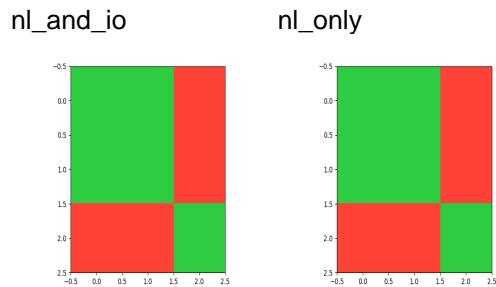
## Task ID: 662c240a



## GPT-4 Generations

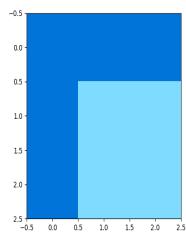


To make the output, you have to... read the instructions

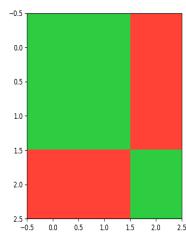


To make the output, you have to...depending on which top you have you will make that 3x3 square. Green/red top, make over the blue/light blue 3x3 area. Grey/blue top, make the green/pink 3x3 area. Light blue/yellow on top, make the light blue/yellow 3x3 area. dark red/light blue top, make the yellow/green 3x3 area.

nl\_and\_io



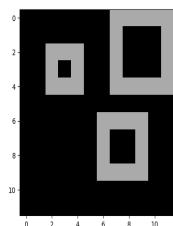
nl\_only



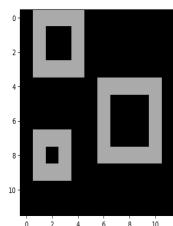
To make the output, you have to...start mimicking one 3x3 grid in the output. Try the 3x3 grid at the top first. If that does not work, try the second 3x3 grid in the middle. If that does not work, try the last one on the bottom.

## Task ID: c0f76784

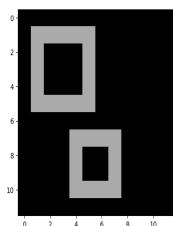
train



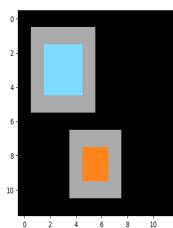
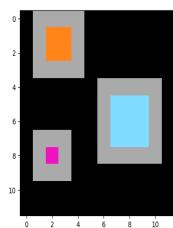
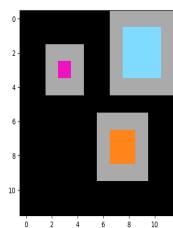
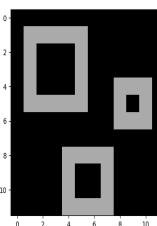
train



train

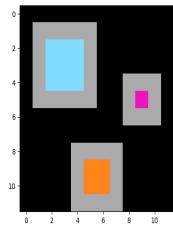


test

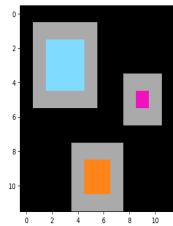


## GPT-4 Generations

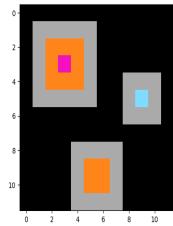
Target



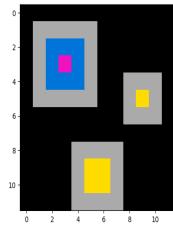
io\_only



nl\_and\_io

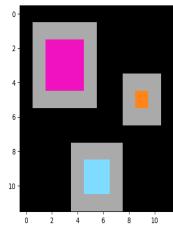


nl\_only

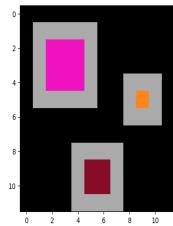


To make the output, you have to...fill the center of the smallest square with pink, the middle square with dark yellow and the biggest square with light blue.

nl\_and\_io

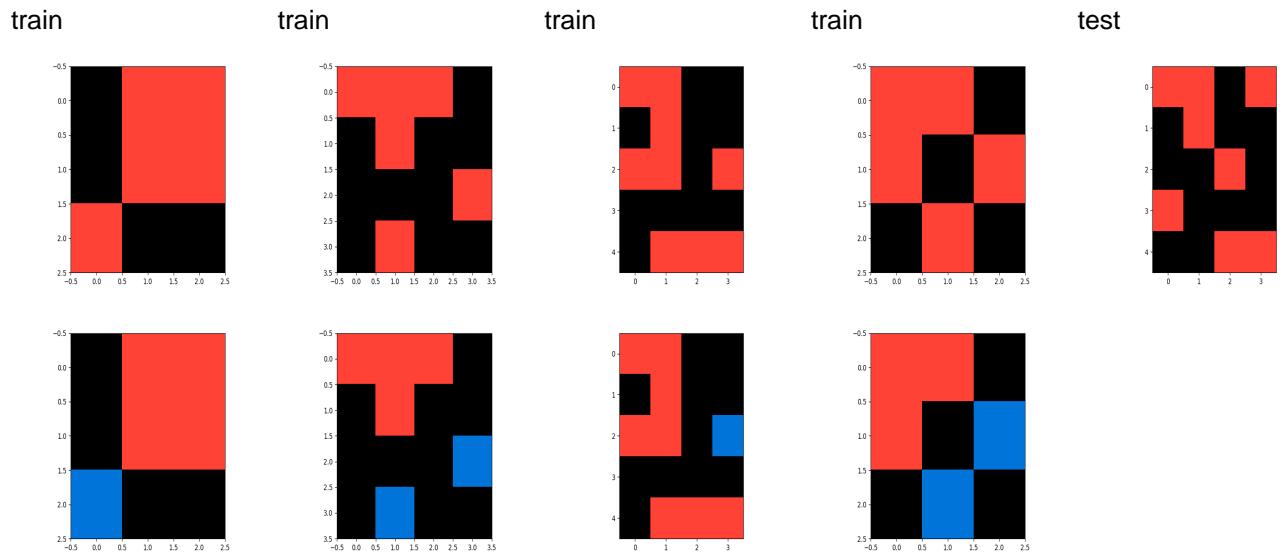


nl\_only

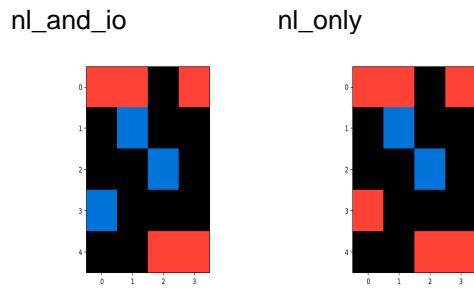
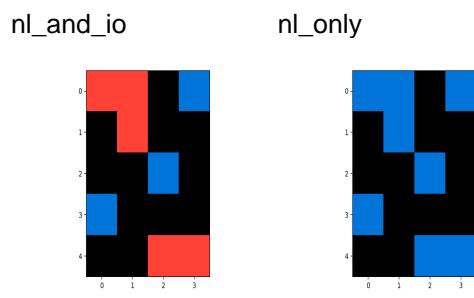
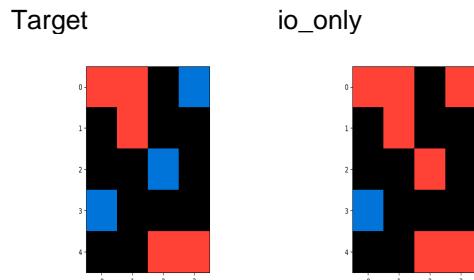


To make the output, you have to...flood fill the holes within the squares, with pink for the smallest, the largest with light blue and the medium sized with orange.

## Task ID: aedd82e4



## GPT-4 Generations

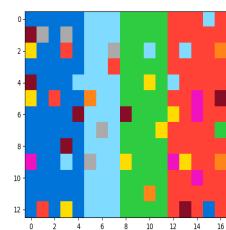


To make the output, you have to... copy the input grid. Any shapes which only contain one single square should be colored blue.

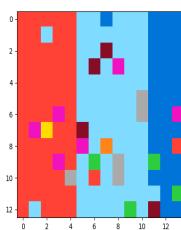
To make the output, you have to...color smaller shapes dark blue

## Task ID: e26a3af2

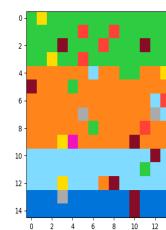
train



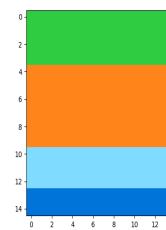
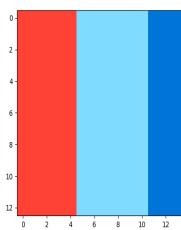
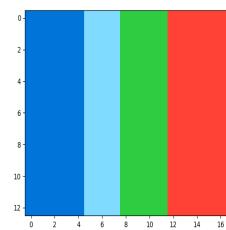
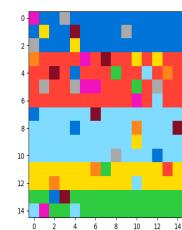
train



train

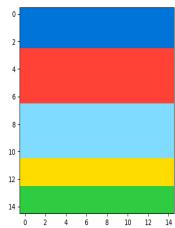


test

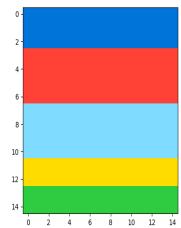


## GPT-4 Generations

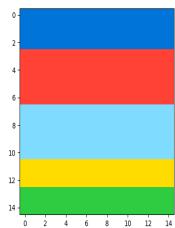
Target



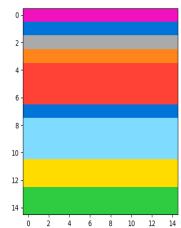
io\_only



nl\_and\_io

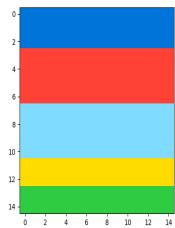


nl\_only

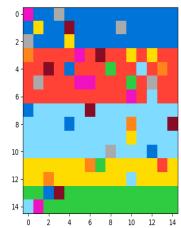


To make the output, you have to...eliminate all the random color squares and replace them with the color of the bar they are in.

nl\_and\_io

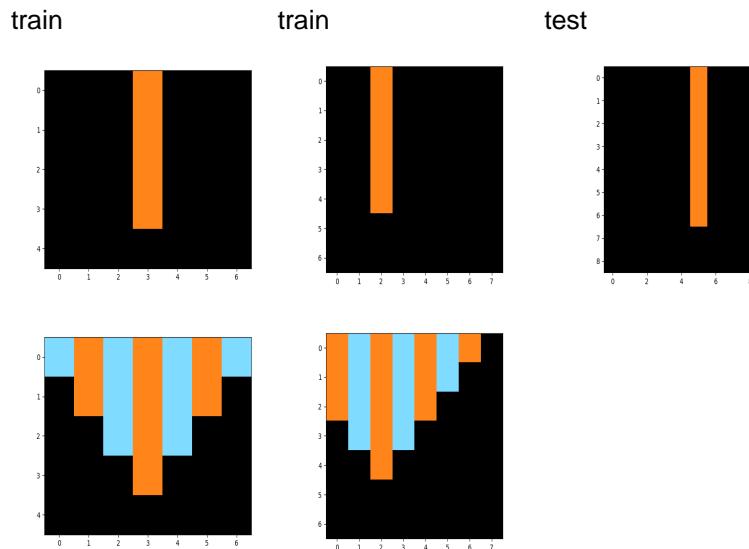


nl\_only

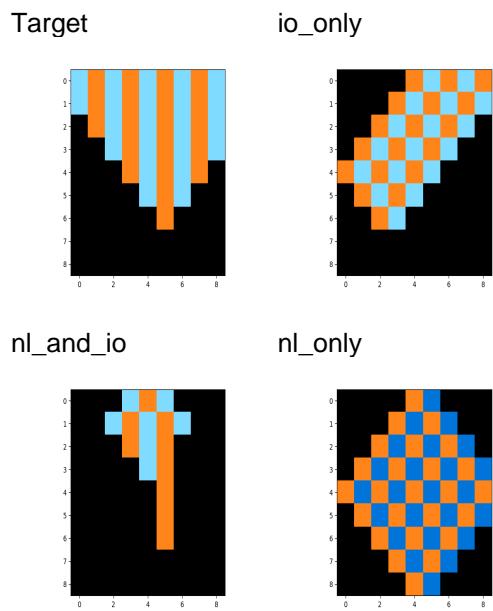


To make the output, you have to.... Make color rows and columns even with filled squares in the color to maintain the pattern. Common sense fill

## Task ID: db3e9e38

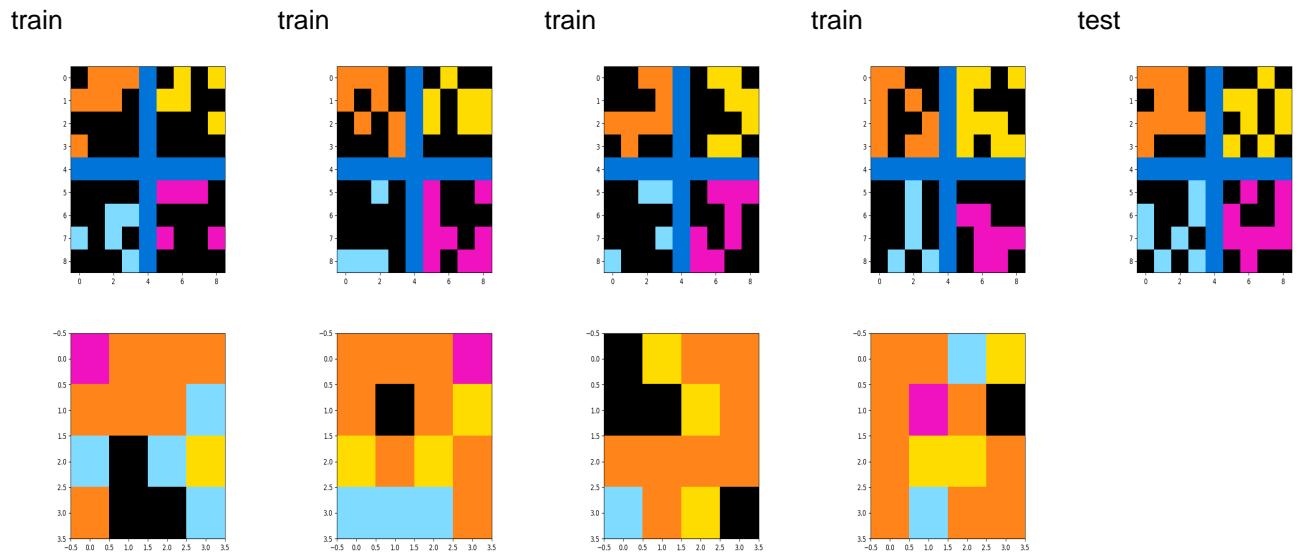


## GPT-4 Generations

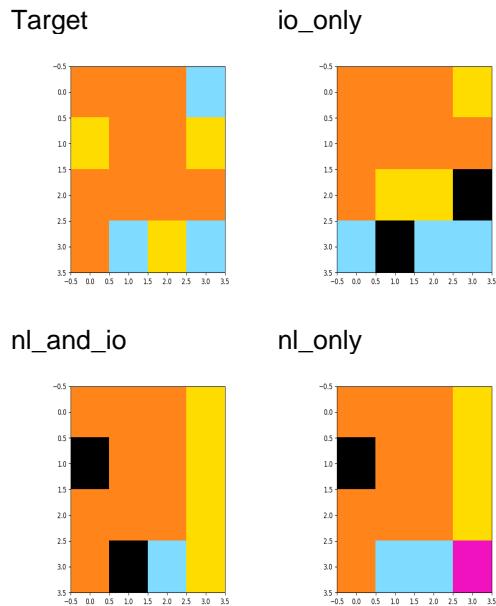


To make the output, you have to...copy-paste the input. starting on each side, alternate colors between orange and light blue, and decreasing the line by one block. So the colors should be orange in middle, then light blue, then orange, then light blue.

## Task ID: a68b268e



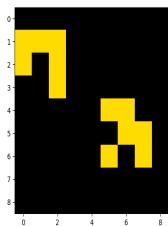
## GPT-4 Generations



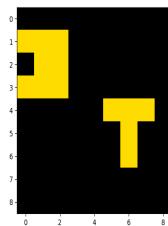
To make the output, you have to...take the upper left 4x4 grid. Nothing will need to be changed from it. Add the upper right grid to the 1st one. Remember not to change any colors only add new ones to black boxes. Next do the bottom left grid the same way. Finish with the bottom right grid. You will not use dark blue squares at all.

## Task ID: 60b61512

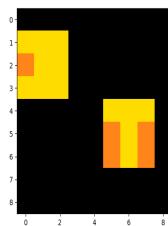
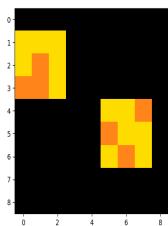
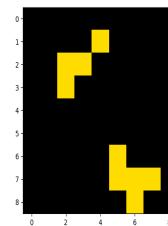
train



train

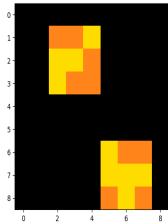


test

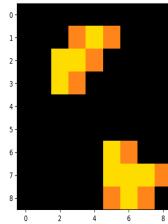


## GPT-4 Generations

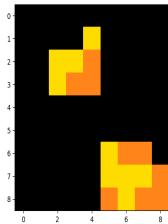
Target



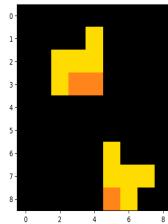
io\_only



nl\_and\_io

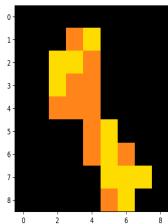


nl\_only

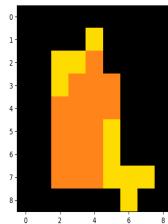


To make the output, you have to... keep the shapes in the same place, but fill the gaps in the shape with the color orange until they form squares

nl\_and\_io



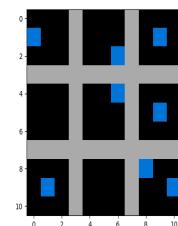
nl\_only



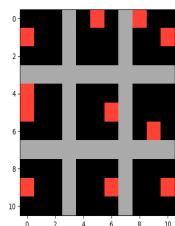
To make the output, you have to...complete the squares using the color orange.

## Task ID: 29623171

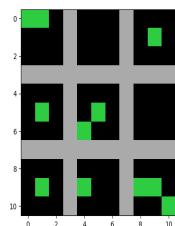
train



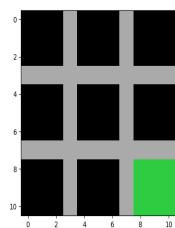
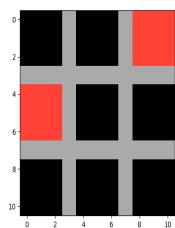
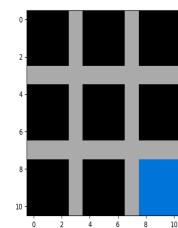
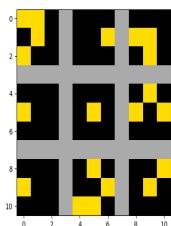
train



train

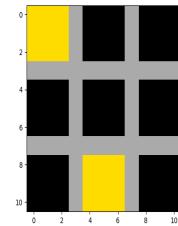


test

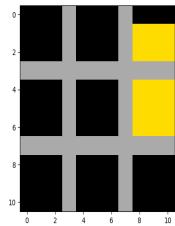


## GPT-4 Generations

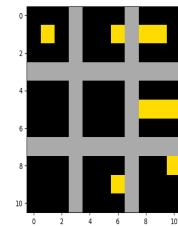
Target



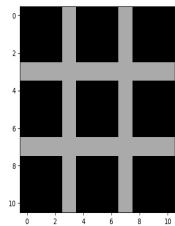
io\_only



nl\_and\_io

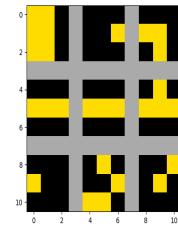


nl\_only

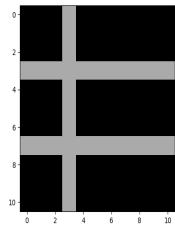


To make the output, you have to...find the black box or boxes with the highest number of colored blocks in the input grid. The corresponding box or boxes in the output grid should be colored entirely that color. The rest of the boxes should be all black

nl\_and\_io

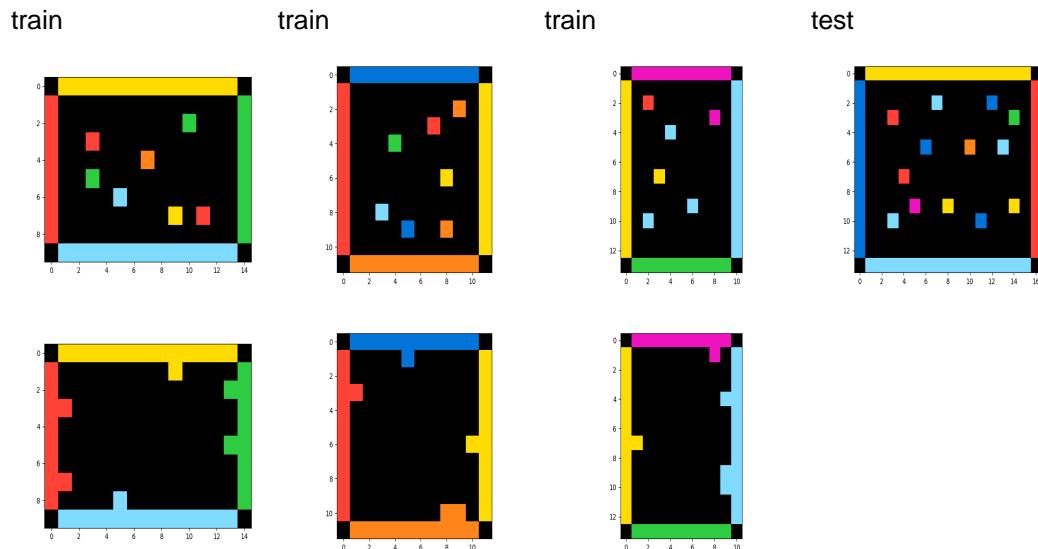


nl\_only

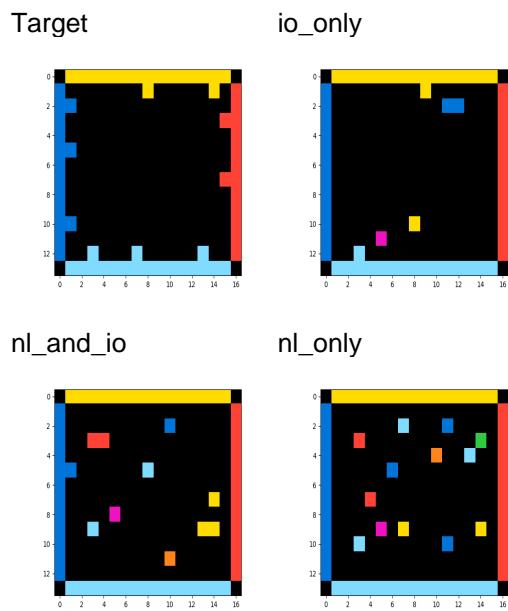


To make the output, you have to...count the number of small colored boxes within the bigger black boxes, the one(s) with the most colored boxes get filled in entirely with that color. The remaining boxes are all black

## Task ID: d687bc17

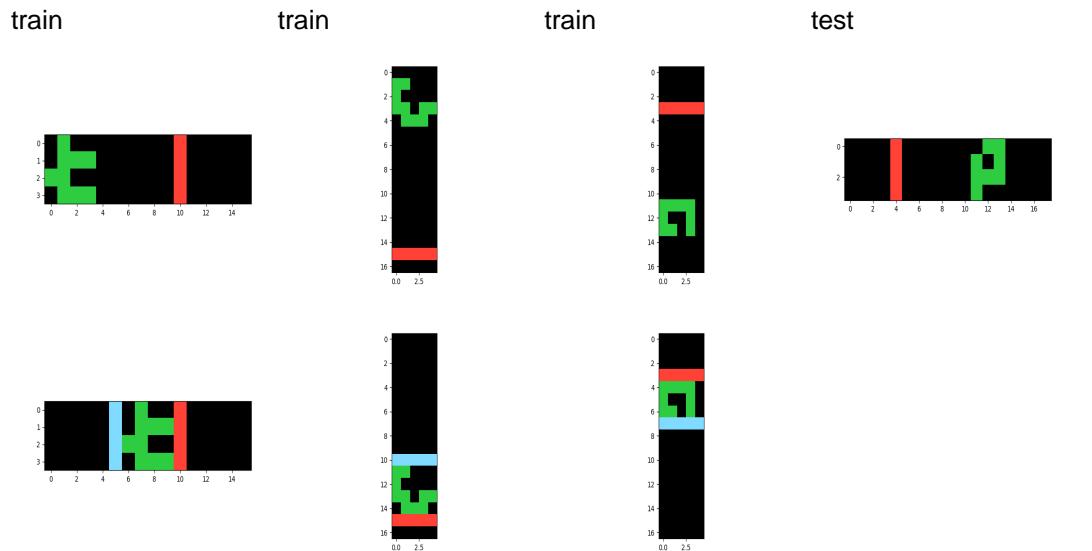


## GPT-4 Generations

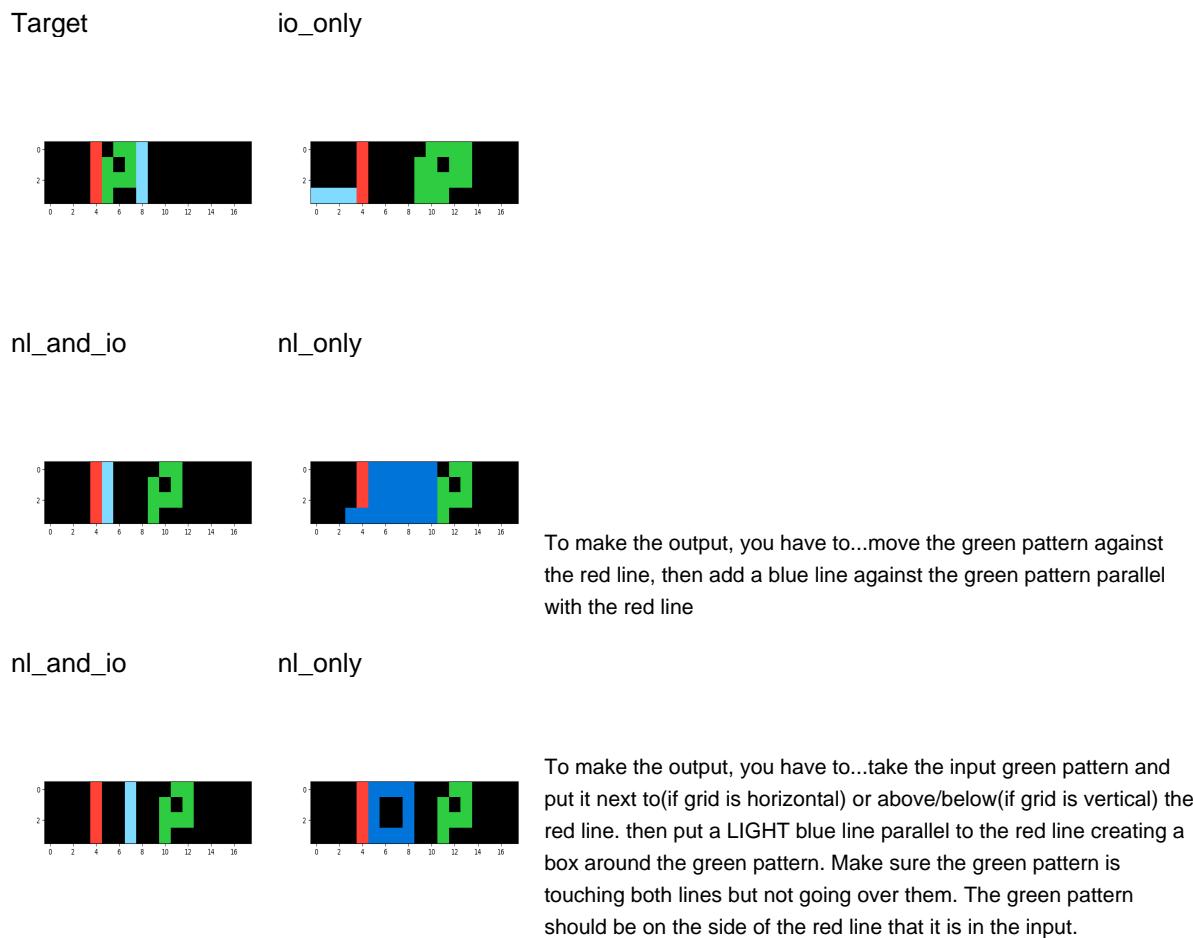


To make the output, you have to...copy grid. If any of the boxes on the inside match any of the outline colors move them so they are adjoined to it, without changing the row/column it's in. Do this with every color. If a box on the inside doesn't match with an outside color then just remove it. At the end the middle area should be black and the blocks are adjoined to their respective colors.

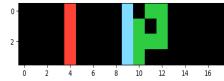
## Task ID: 56dc2b01



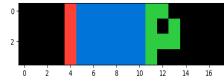
## GPT-4 Generations



nl\_and\_io

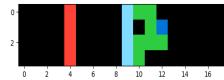


nl\_only

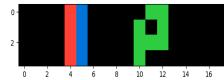


To make the output, you have to...move the green pattern against the red line, then add a blue line against the green pattern parallel with the red line

nl\_and\_io

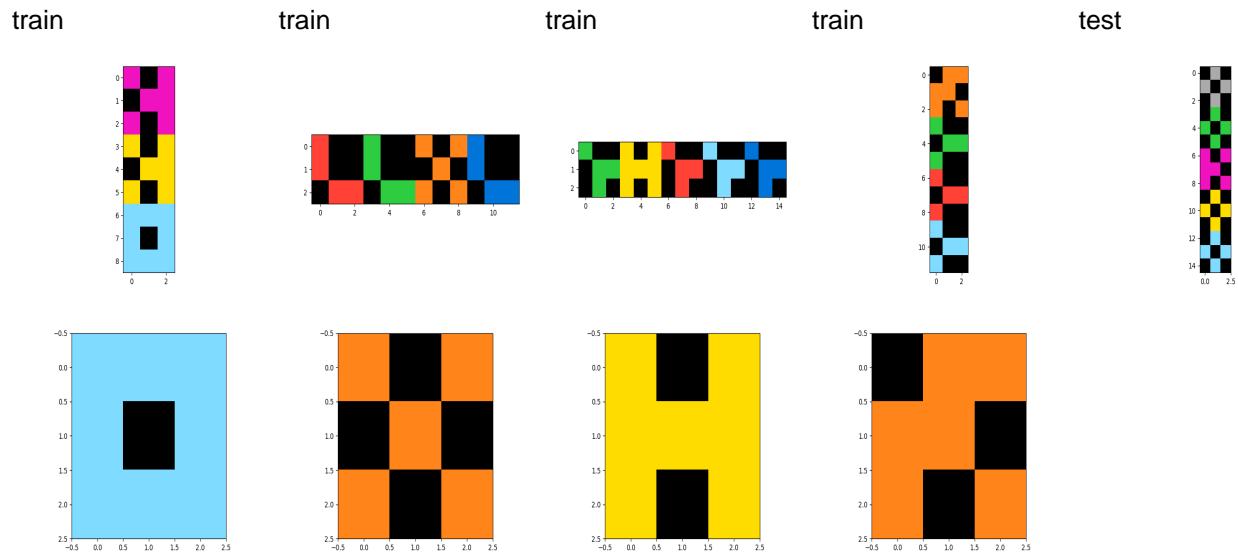


nl\_only

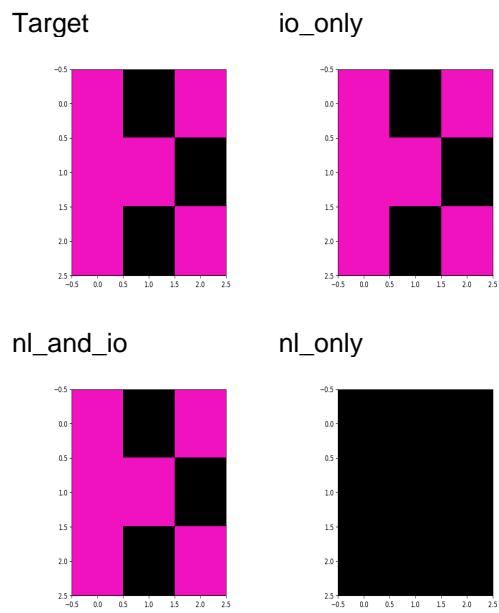


To make the output, you have to...move the green pattern against the red line, then add a blue line against the green pattern parallel with the red line.

## Task ID: a87f7484

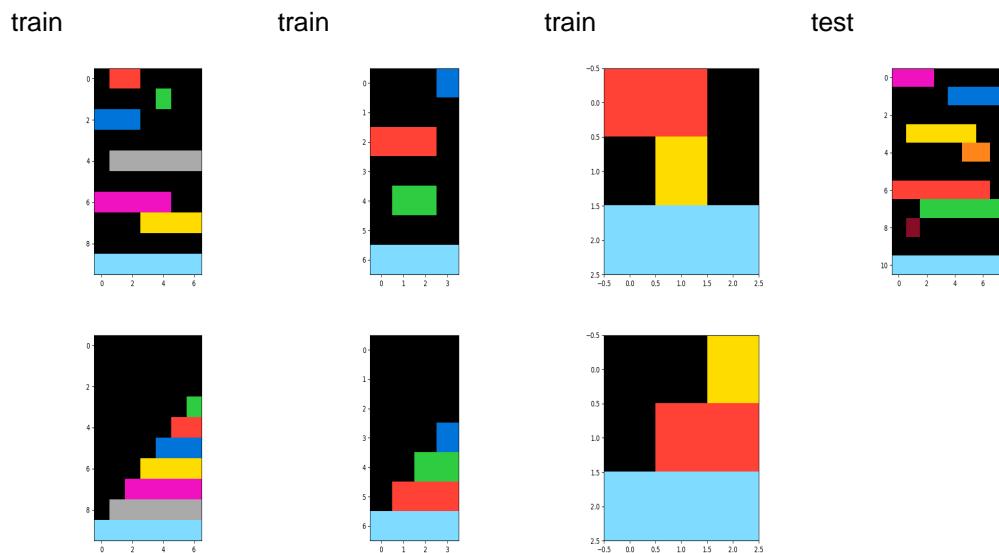


## GPT-4 Generations

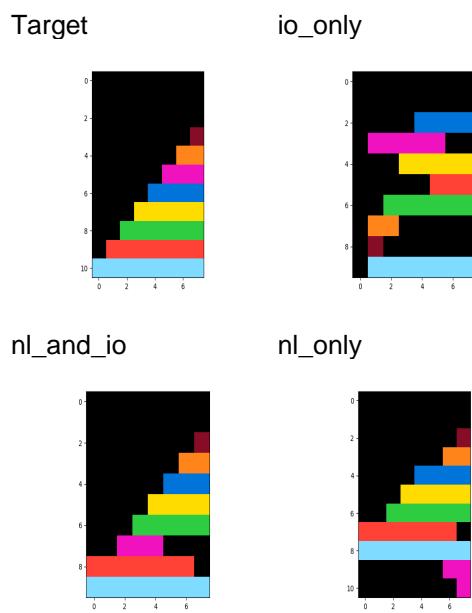


To make the output, you have to...find the color with the most spaces colored and put that pattern into the 3x3

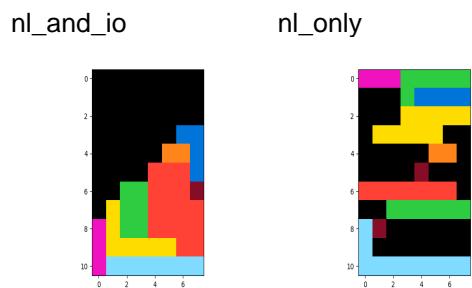
## Task ID: beb8660c



## GPT-4 Generations



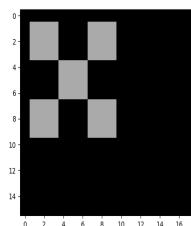
To make the output, you have to... rearrange the lines from largest at the bottom of the grid to smallest at the top. The final row need not be at the top of the grid. The lines should be aligned to the right side.



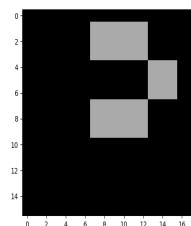
To make the output, you have to...place them on each other according to their lengths on the grid right side

## Task ID: 80af3007

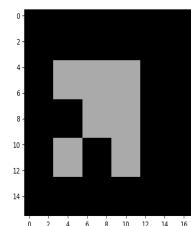
train



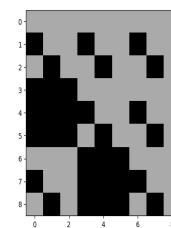
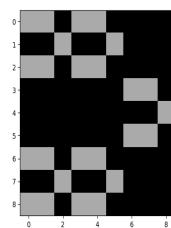
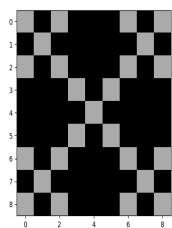
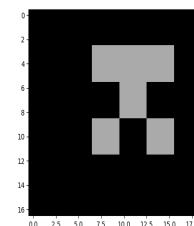
train



train

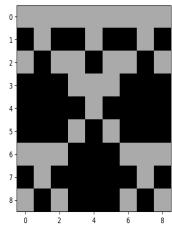


test

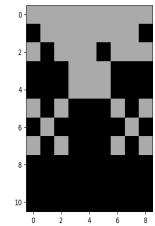


## GPT-4 Generations

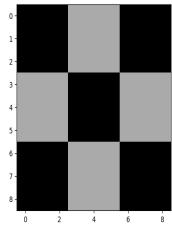
Target



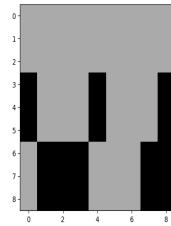
io\_only



nl\_and\_io



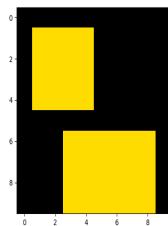
nl\_only



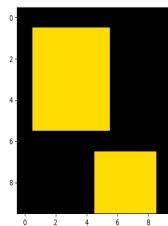
To make the output, you have to...repeat the shape of the design pattern in 3x3 squares and make the same design on the 9x9 grid out of 3x3 squares.

## Task ID: 694f12f3

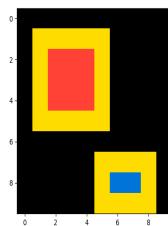
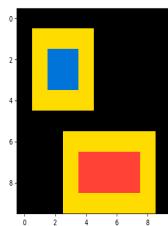
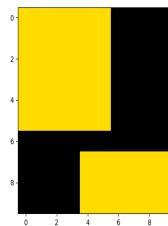
train



train

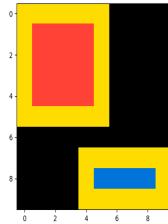


test

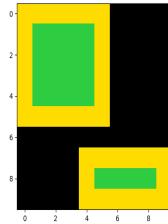


## GPT-4 Generations

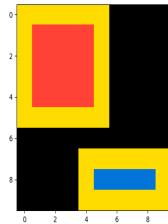
Target



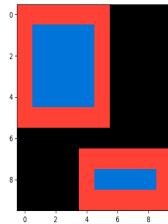
io\_only



nl\_and\_io

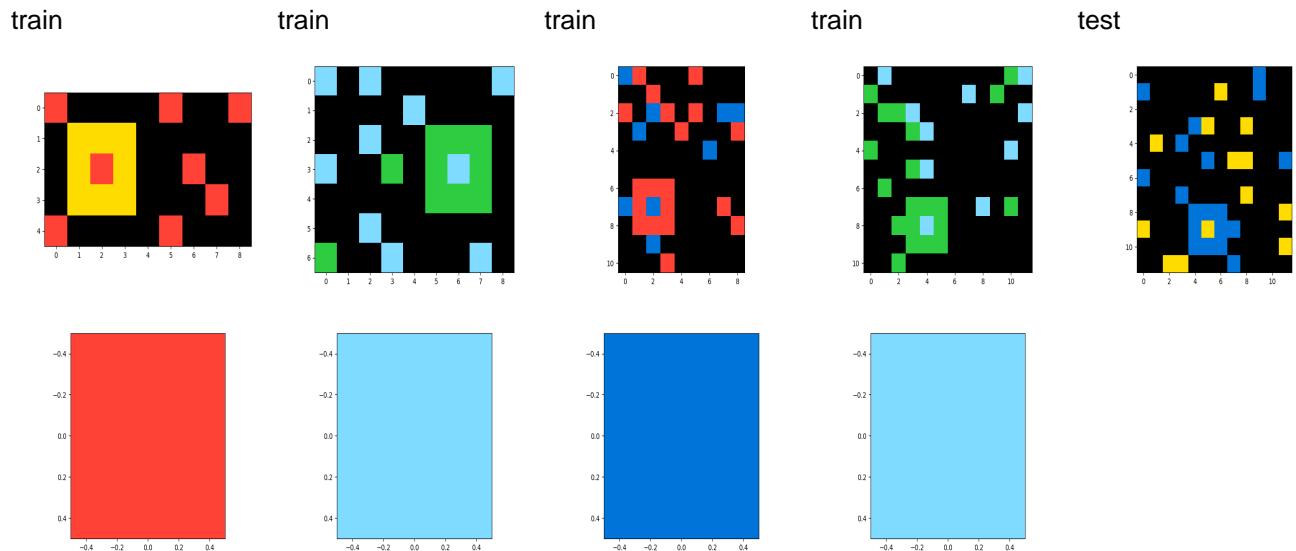


nl\_only

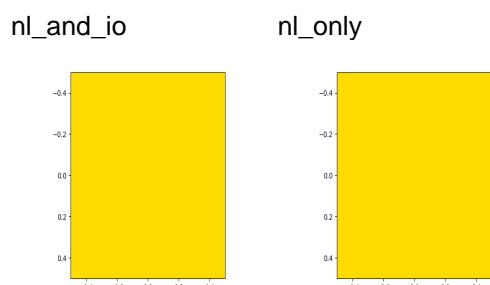
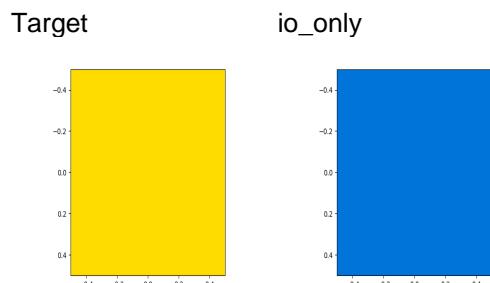


To make the output, you have to...fill the pattern by red and blue color surrounded by same color, the one with most internal block should be filled with red color

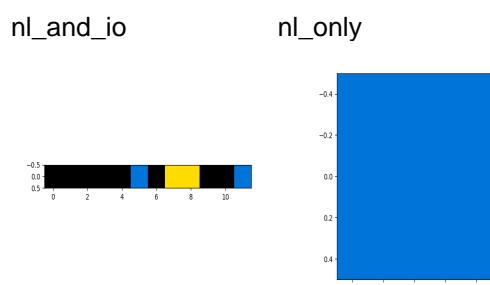
## Task ID: d9fac9be



## GPT-4 Generations



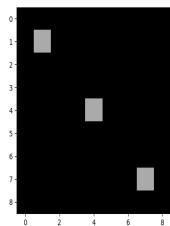
To make the output, you have to...zoom into the different colored center block from the input grid and make it the only colored block.



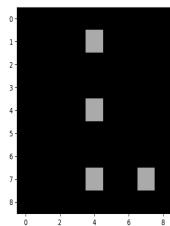
To make the output, you have to...zoom into the light blue center block.

## Task ID: ce22a75a

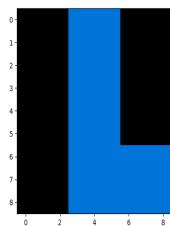
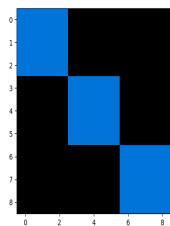
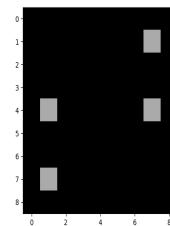
train



train

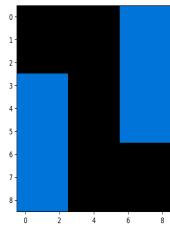


test

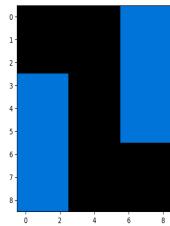


## GPT-4 Generations

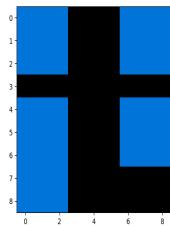
Target



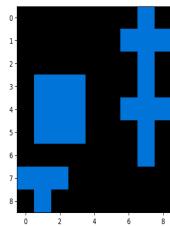
io\_only



nl\_and\_io

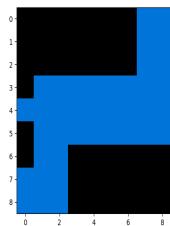


nl\_only

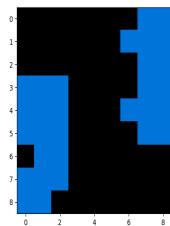


To make the output, you have to... change the gray blocks to blue and the squares that go around it to turn it into a blue block of 9.

nl\_and\_io

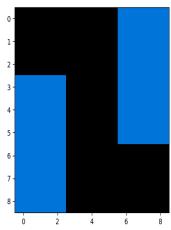


nl\_only

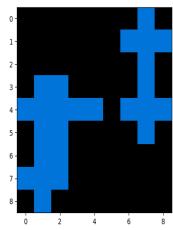


To make the output, you have to...change every gray square and the 9 squares around it into blue.

nl\_and\_io



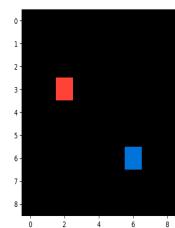
nl\_only



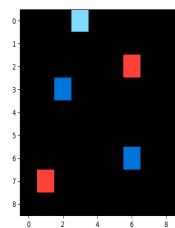
To make the output, you have to...change every gray square and the 9 squares that go all around it into blue

## Task ID: 0ca9ddb6

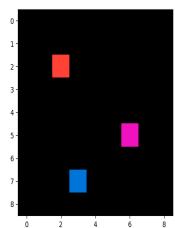
train



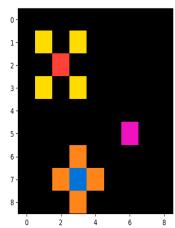
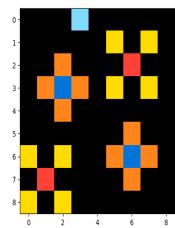
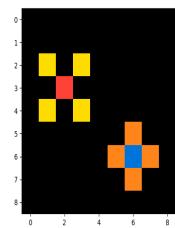
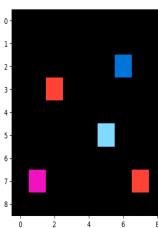
train



train

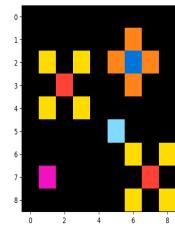


test

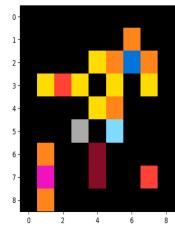


## GPT-4 Generations

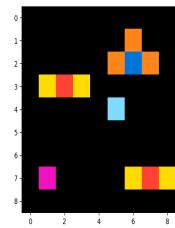
Target



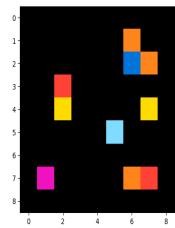
io\_only



nl\_and\_io

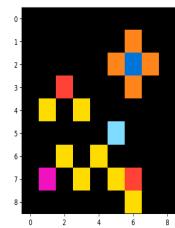


nl\_only

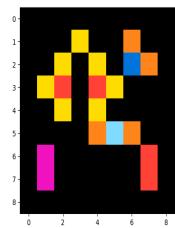


To make the output, you have to...copy image exactly. Where there's a red square, put yellow squares at it's corners (4 total). Where there's a dark blue square, put orange squares directly above and below it (4 total). Do nothing with light blue or magenta squares

nl\_and\_io



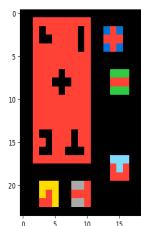
nl\_only



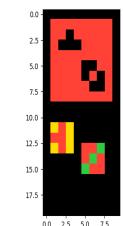
To make the output, you have to...add one yellow square diagonally at each corner of the red square. Add one orange square to the top and bottom of the blue square, and one orange square to the left and right of the blue square. Leave the magenta and light blue squares as they are; do not add anything to them if they are present.

## Task ID: 97a05b5b

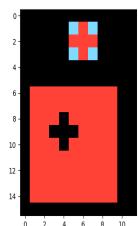
train



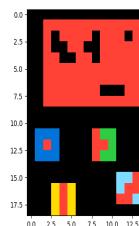
train



train

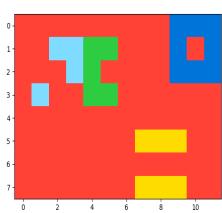


test

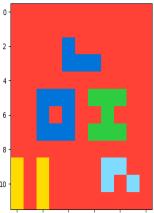


## GPT-4 Generations

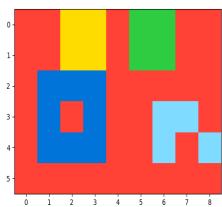
Target



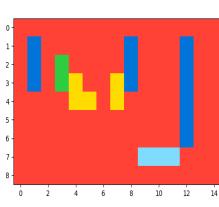
io\_only



nl\_and\_io

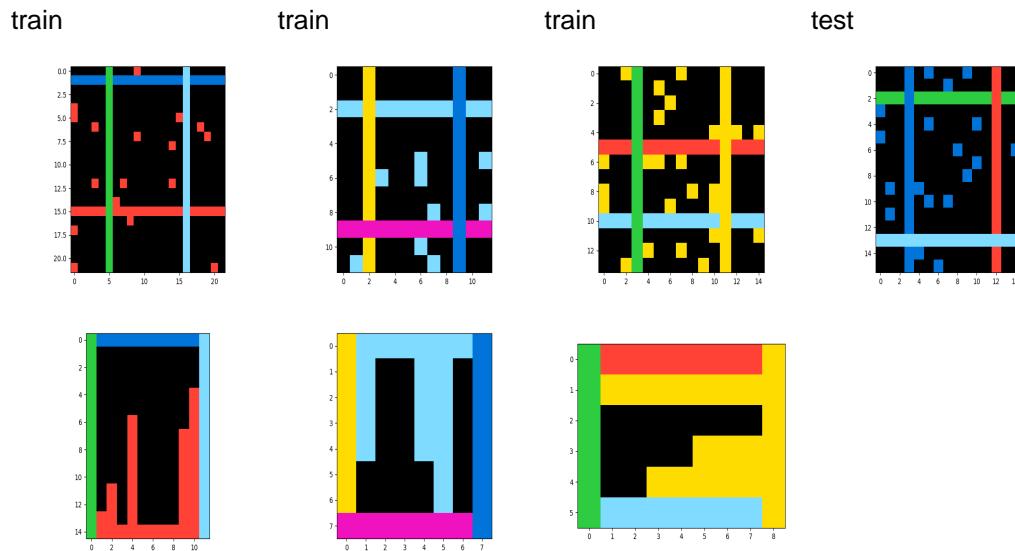


nl\_only

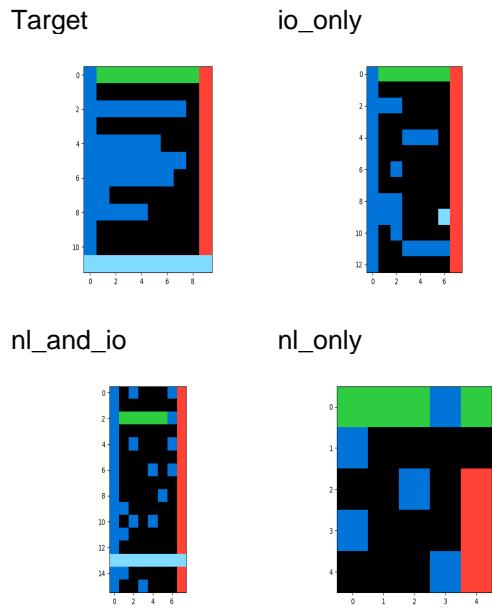


To make the output, you have to...fit the red blocks in the small grid blocks where they go on the large red grid with the colored blocks as well.

## Task ID: 5daaa586



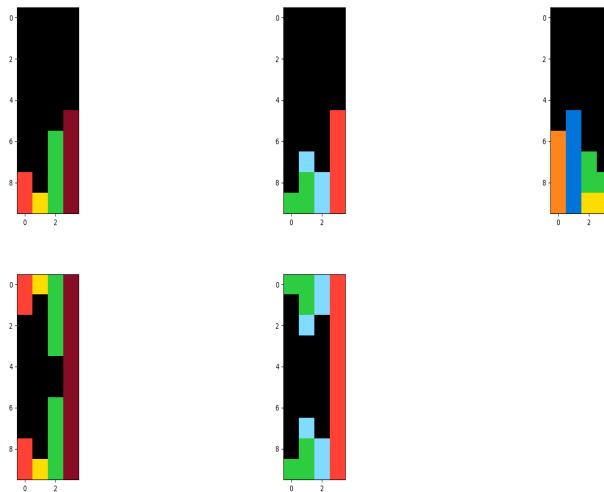
## GPT-4 Generations



To make the output, you have to...change the grid size to just the square or rectangle formed by the four colored lines. Then look at the random dots in the middle of the square or rectangle. Find the colored border that matches the color of the dots, using that color, you will connect each dot to that border in a straight line. You should have 3 to four straight lines touching the matching border.

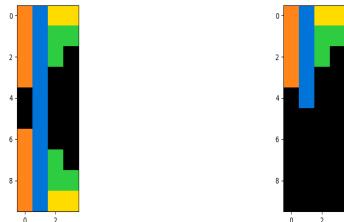
## Task ID: f25ffba3

train                  train                  test

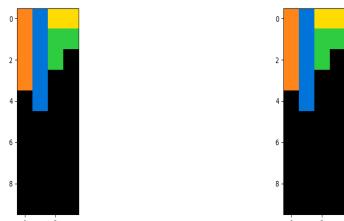


## GPT-4 Generations

Target                  io\_only

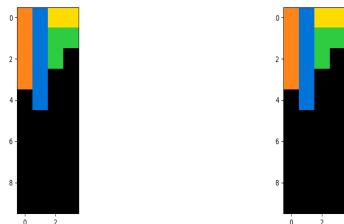


nl\_and\_io                  nl\_only



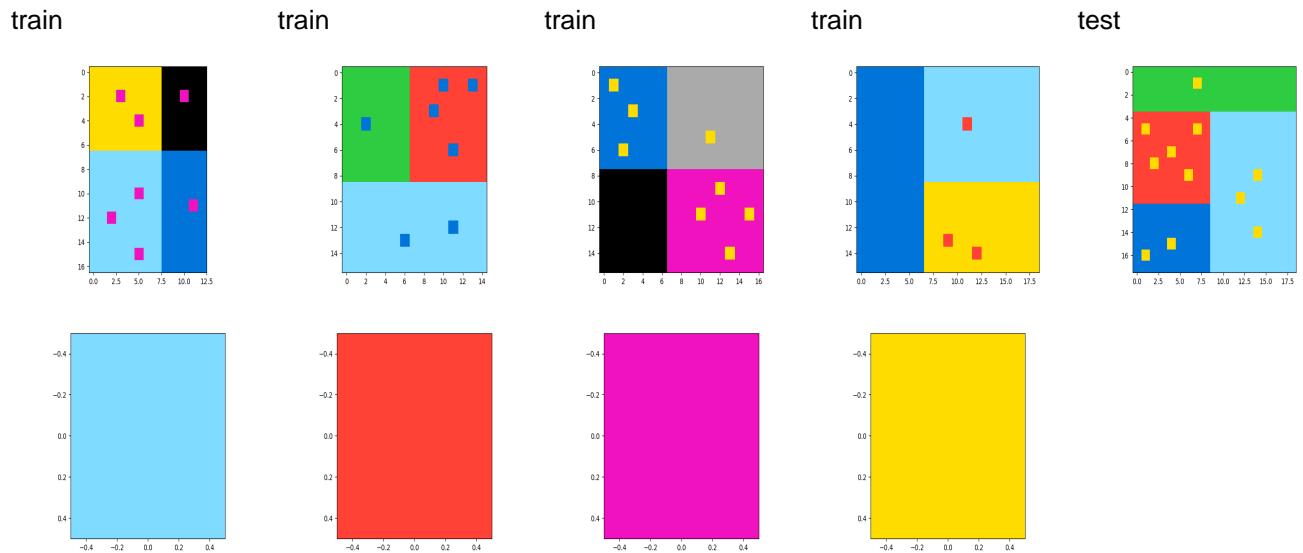
To make the output, you have to...reflect down side to top

nl\_and\_io                  nl\_only

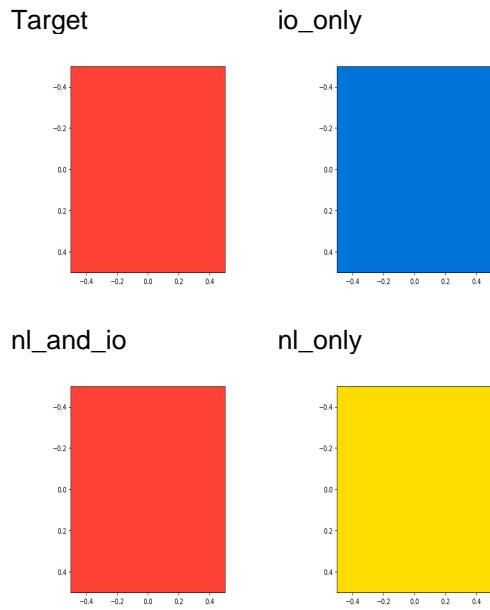


To make the output, you have to...reflect the pattern upside down like it was up against a mirror

## Task ID: de1cd16c

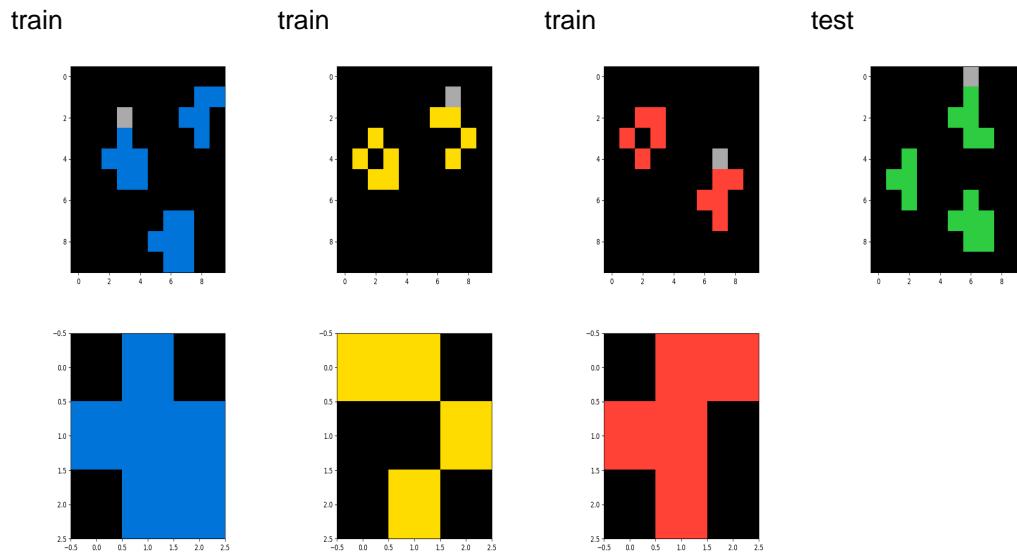


## GPT-4 Generations

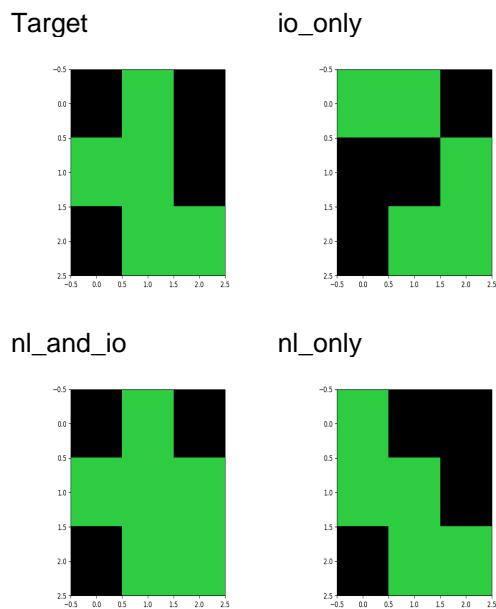


To make the output, you have to...look for the colored area with the largest number of pink squares and use that color

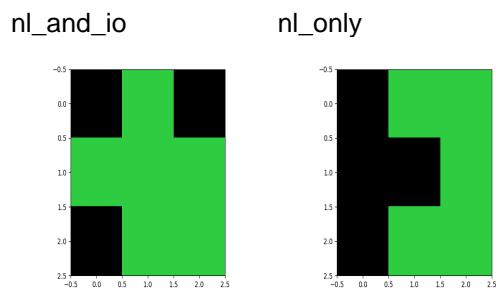
## Task ID: 48d8fb45



## GPT-4 Generations

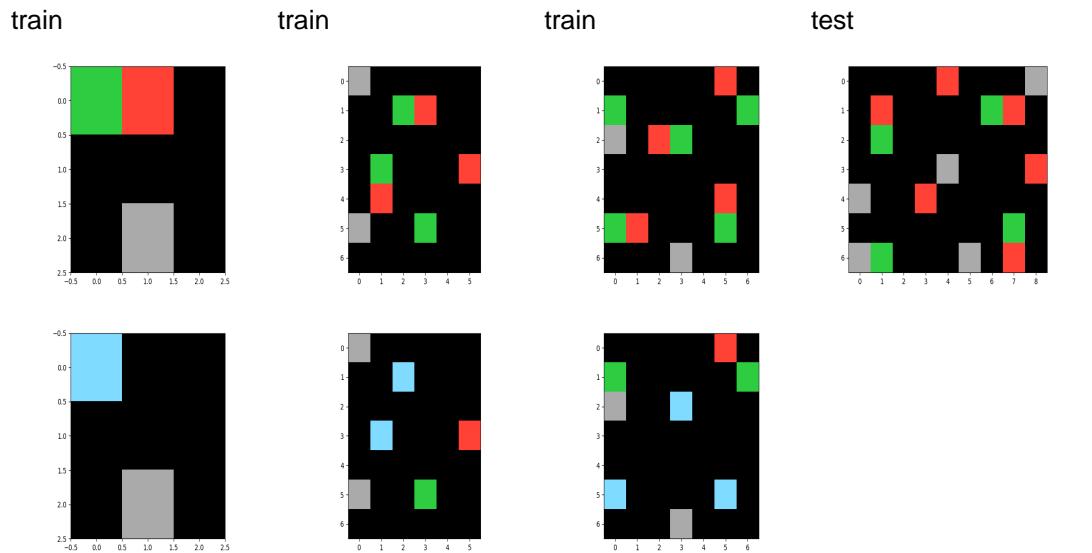


To make the output, you have to...repeat the colored area that includes a grey square, but do not include the gray square.

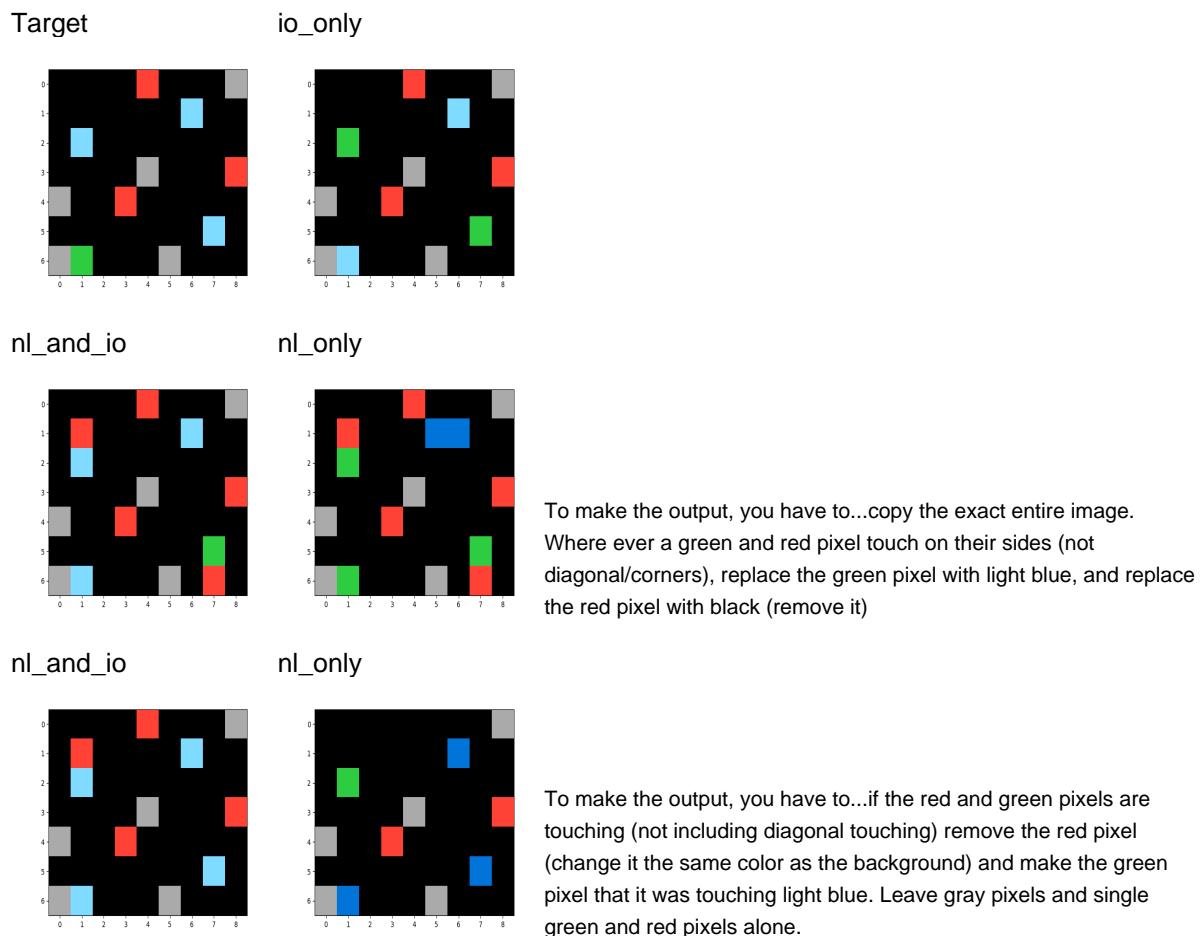


To make the output, you have to... repeat the colored area that includes a grey square, but don't include the gray square.

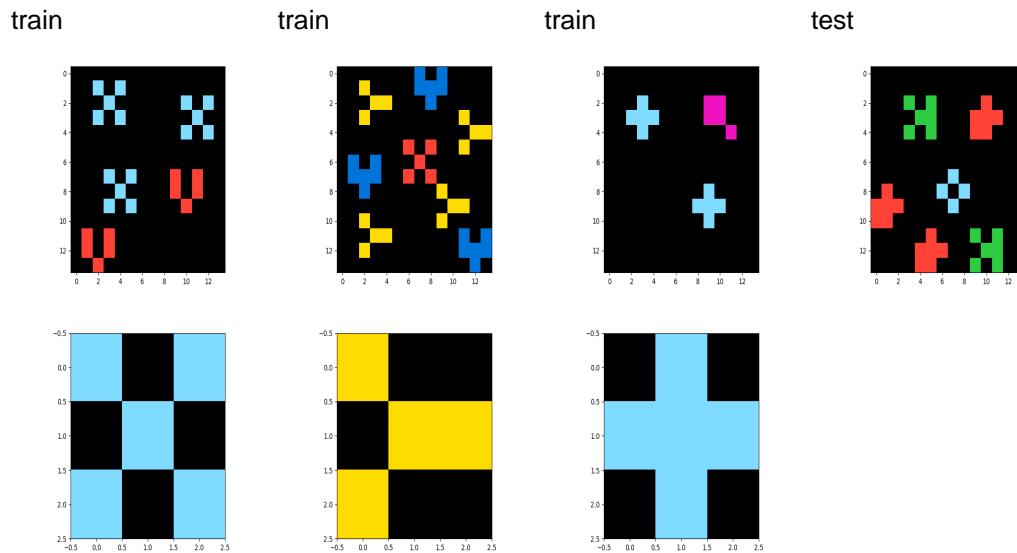
## Task ID: d90796e8



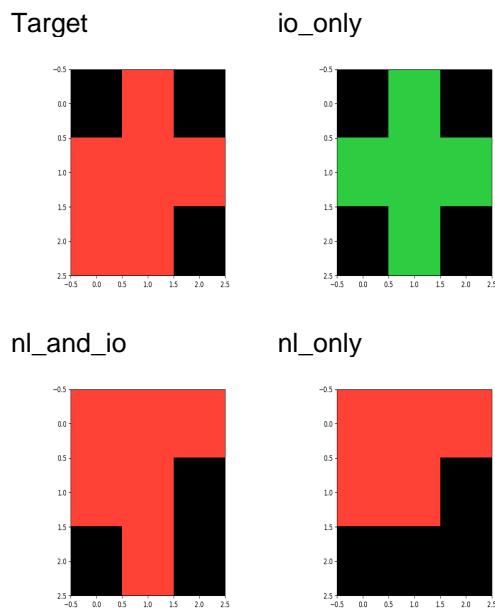
## GPT-4 Generations



## Task ID: 39a8645d

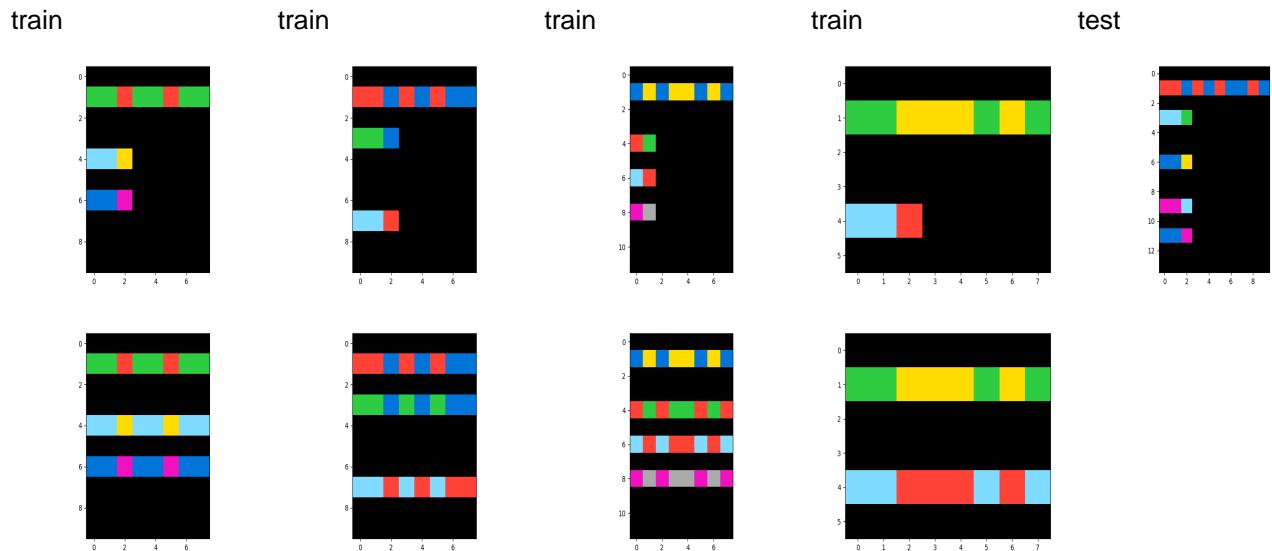


## GPT-4 Generations

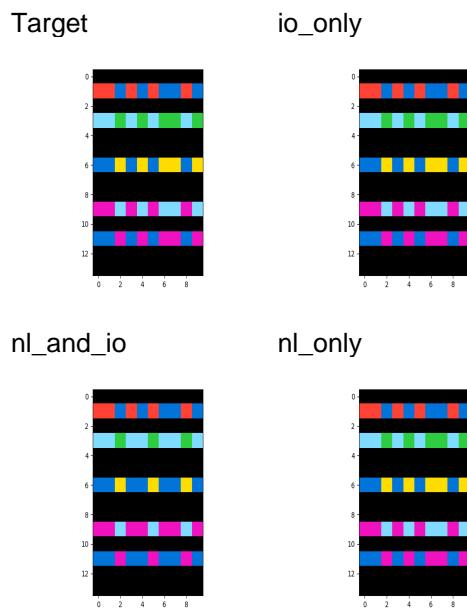


To make the output, you have to... count the number of copies of each shape. Zoom in on the shape with the most copies.

## Task ID: 82819916

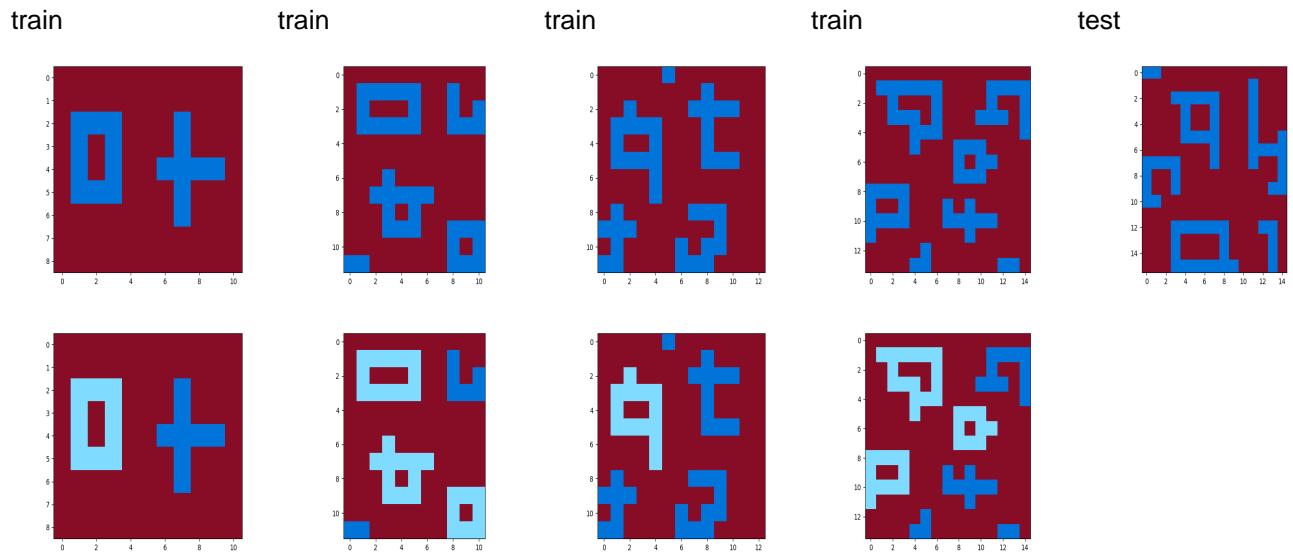


## GPT-4 Generations

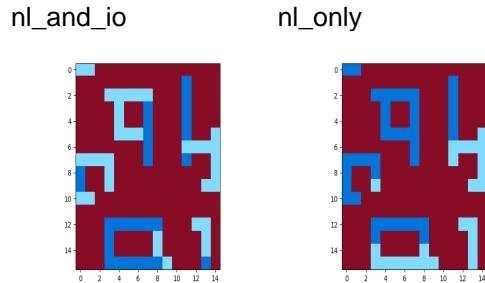
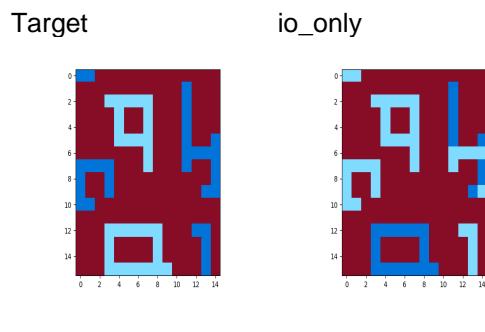


To make the output, you have to... copy the input grid. Then, you have to complete each incomplete line. Maintain the lines color scheme while matching the pattern of the single complete line.

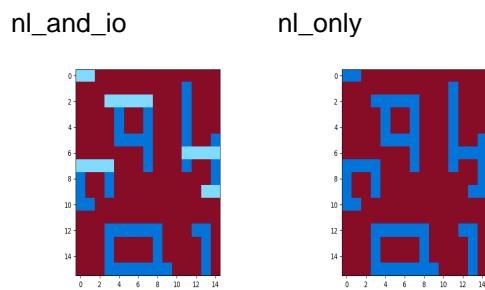
## Task ID: b2862040



## GPT-4 Generations



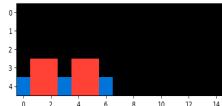
To make the output, you have to...change closed patterns to light blue.



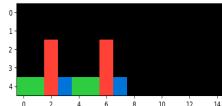
To make the output, you have to...make all the closed dark blue patterns light blue.

## **Task ID: d8c310e9**

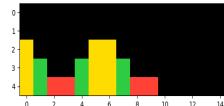
train



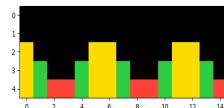
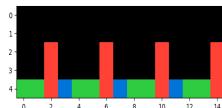
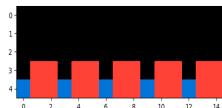
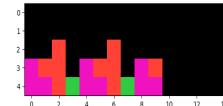
train



train

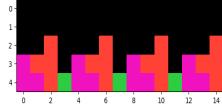


test

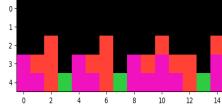


## **GPT-4 Generations**

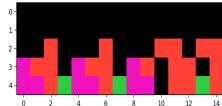
Target



io\_only



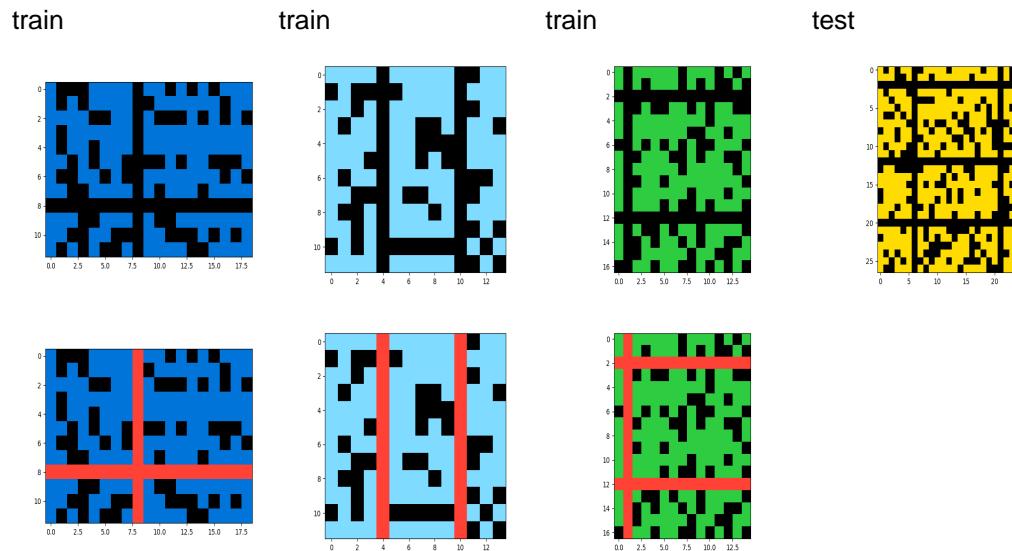
nl\_and\_io



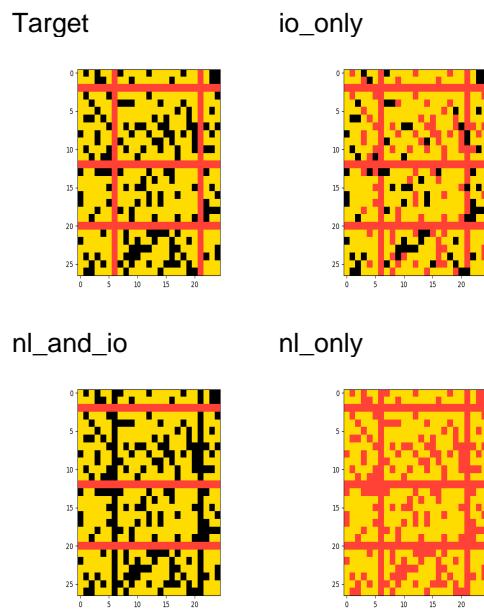
nl\_only

To make the output, you have to...change as it is

## Task ID: c1d99e64

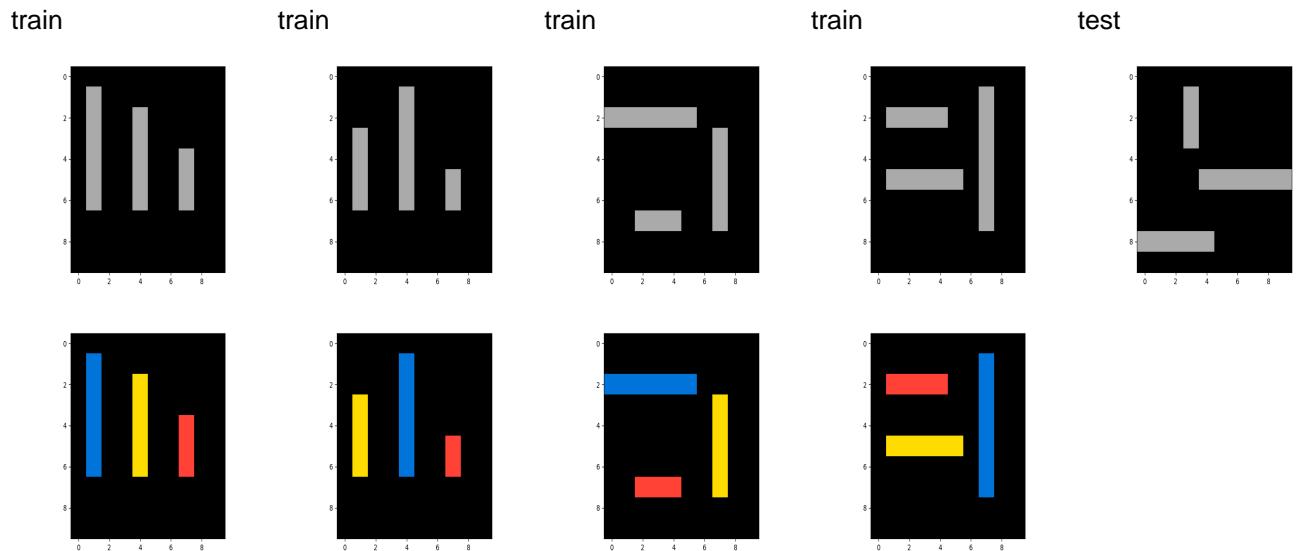


## GPT-4 Generations

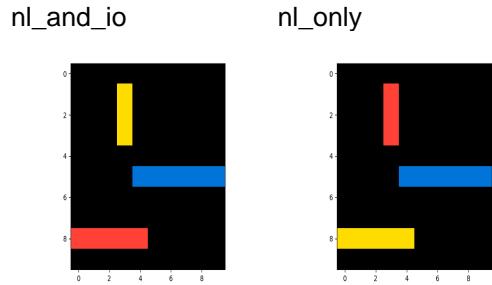
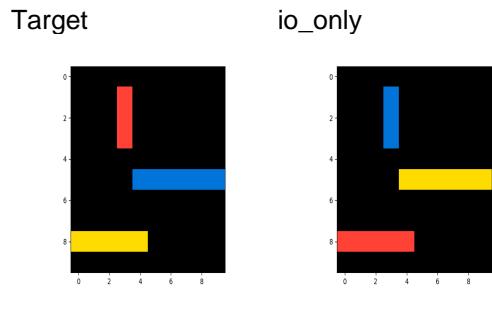


To make the output, you have to...color the black squares that create a line vertical or horizontal all the way across the grid red and only those squares red.

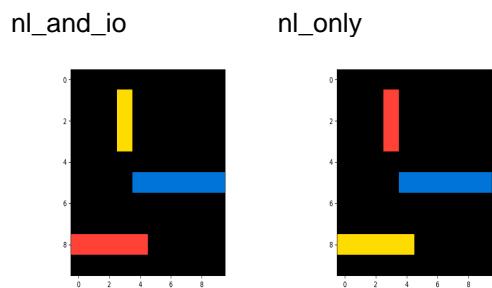
## Task ID: ea32f347



## GPT-4 Generations

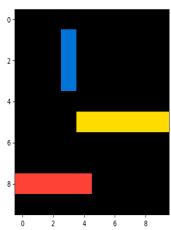


To make the output, you have to... copy the input grid, but make the longest line blue, the middle length line yellow, and the shortest line red.

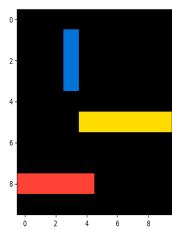


To make the output, you have to... change the color of the lines. The longest line should be blue. The middle length should be colored yellow. The shortest line should be red.

nl\_and\_io

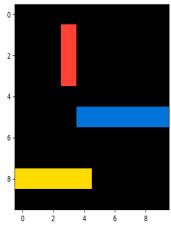


nl\_only

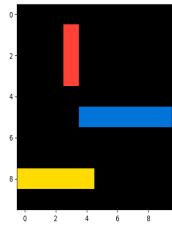


To make the output, you have to... copy the input grid then simply change the color into the long gray line into blue middle grey color into yellow short line into red

nl\_and\_io

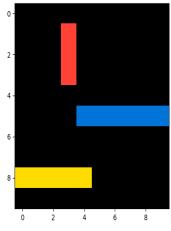


nl\_only

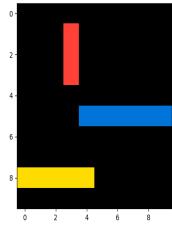


To make the output, you have to... color the lines based on their length: longest is blue, medium is yellow, and smallest is red.

nl\_and\_io

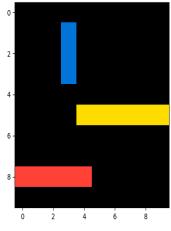


nl\_only

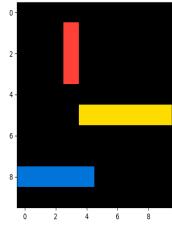


To make the output, you have to...change the color of the lines. The longest line needs to be colored blue. The middle length line needs to be colored yellow. The shortest line needs to be colored red.

nl\_and\_io



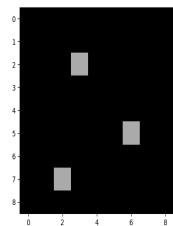
nl\_only



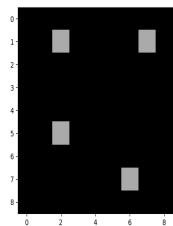
To make the output, you have to...change the shortest rectangle to red, the middle rectangle to yellow, and the longest rectangle to blue.

## Task ID: b60334d2

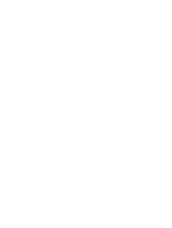
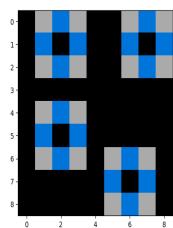
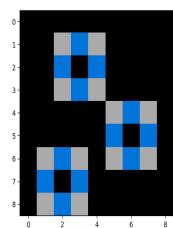
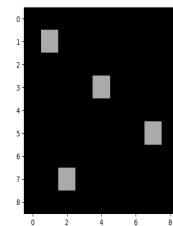
train



train

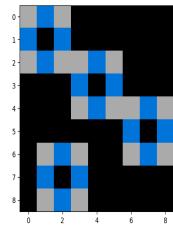


test

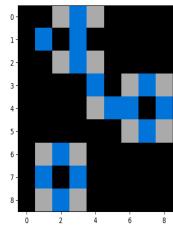


## GPT-4 Generations

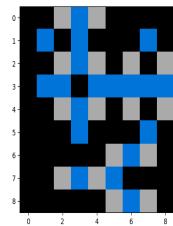
Target



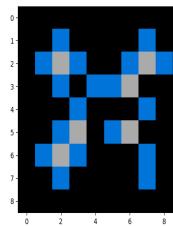
io\_only



nl\_and\_io

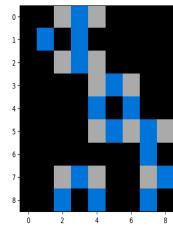


nl\_only

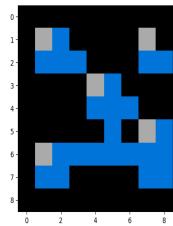


To make the output, you have to...copy entire image over. Add single gray pixels diagonally from each corner of the current gray pixels, should create an X. Add blue pixels above and to the sides of the center original gray pixels, so it's like a plus sign. You will now have a number of 3x3 squares. Replace the very center, where the gray pixels were in the original input, with black.

nl\_and\_io

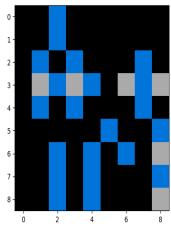


nl\_only

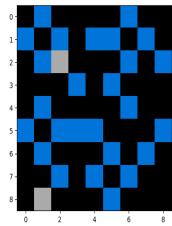


To make the output, you have to...place blue to the top, bottom, left, and right of each gray square, change the gray square to black so it looks like a blue plus sign with a black center, and finally add gray squares on each corner of the plus sign to end up with gray, blue, and black squares that are 3x3

nl\_and\_io

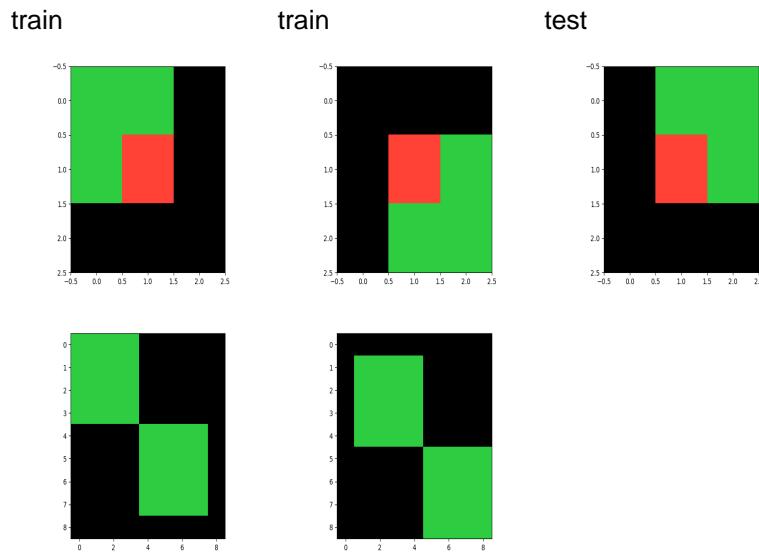


nl\_only

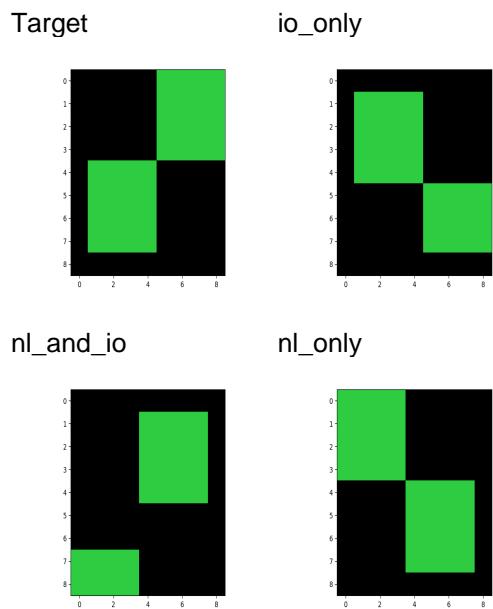


To make the output, you have to...put a blue square to the top, left, right, and bottom of the grey squares. Then turn the grey squares to black. Then on the 4 corners of your blue plus sign, add grey squares. These new squares should be 3x3.

## Task ID: 4522001f



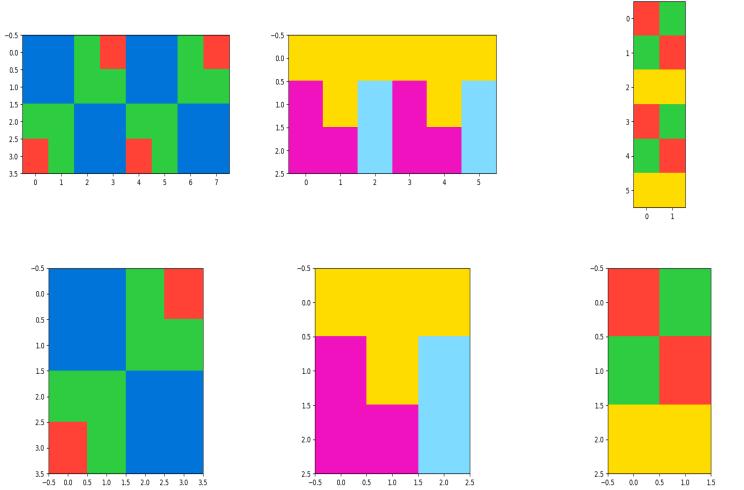
## GPT-4 Generations



To make the output, you have to...make grid 9x9. Note the diagonal that the red square is in in the input. The green square in the diagonal will indicate which corner in the output you should put a 4x4 green square in the output. The red square indicates which corner another 4x4 green square will touch it your new square in the output grid. So you will have two green 4x4 squares touching each other corner to corner.

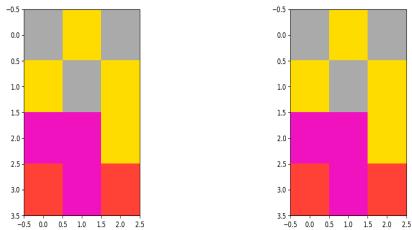
## Task ID: 7b7f7511

train train train test

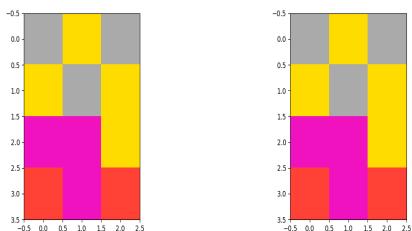


## GPT-4 Generations

Target io\_only

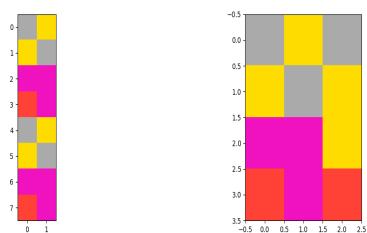


nl\_and\_io nl\_only



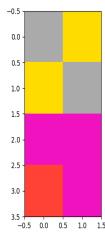
To make the output, you have to...cut the grid in half to take away one of the patterns and leave one of the patterns

nl\_and\_io nl\_only

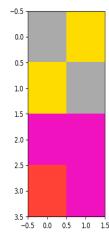


To make the output, you have to...copy one half of the input.

nl\_and\_io

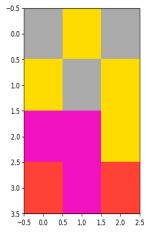


nl\_only

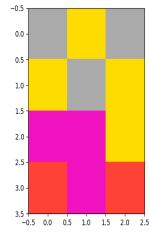


To make the output, you have to...get rid off one half of the input,  
may it be right, left or bottom half.

nl\_and\_io

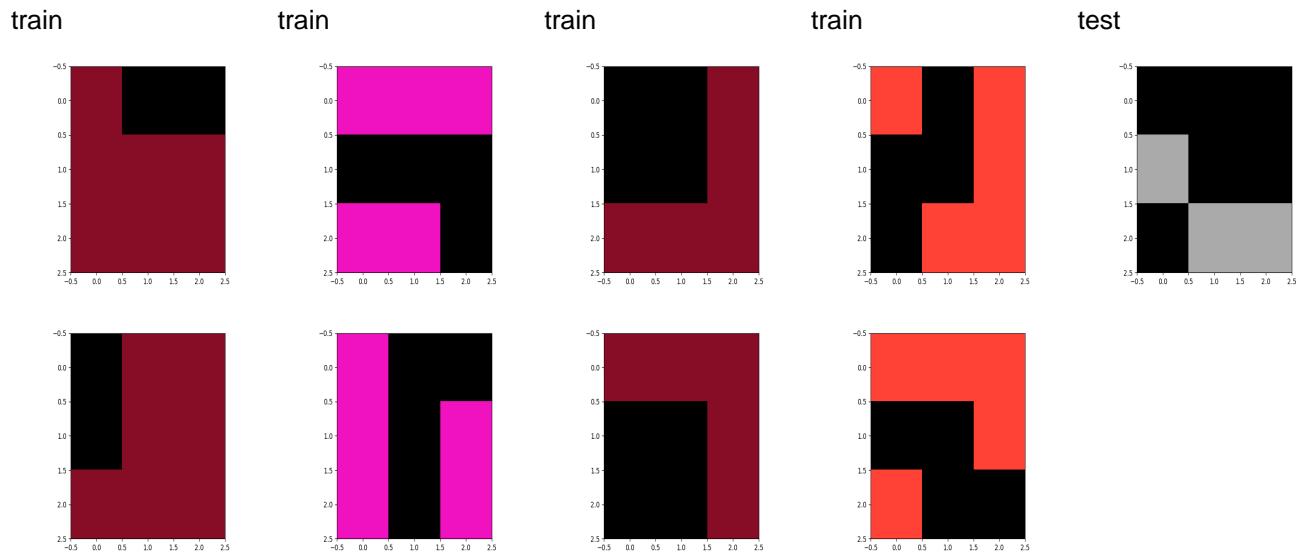


nl\_only

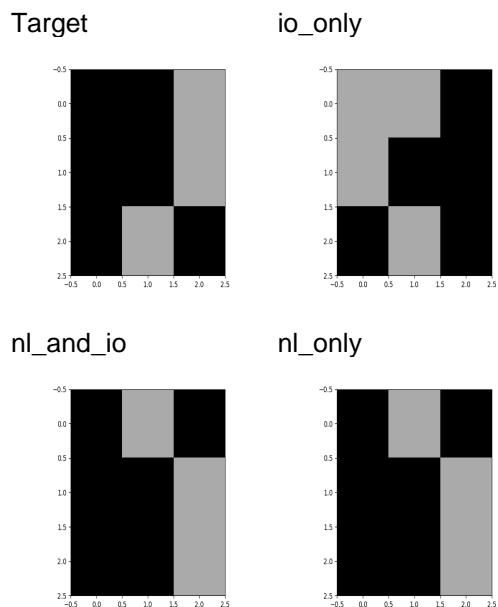


To make the output, you have to...copy one half of the input.

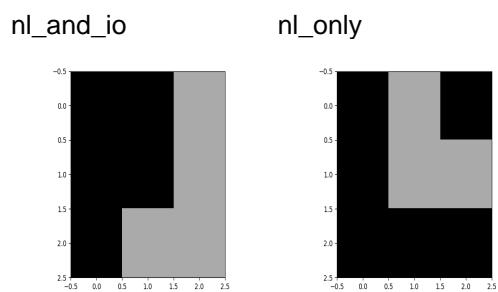
## Task ID: ed36ccf7



## GPT-4 Generations

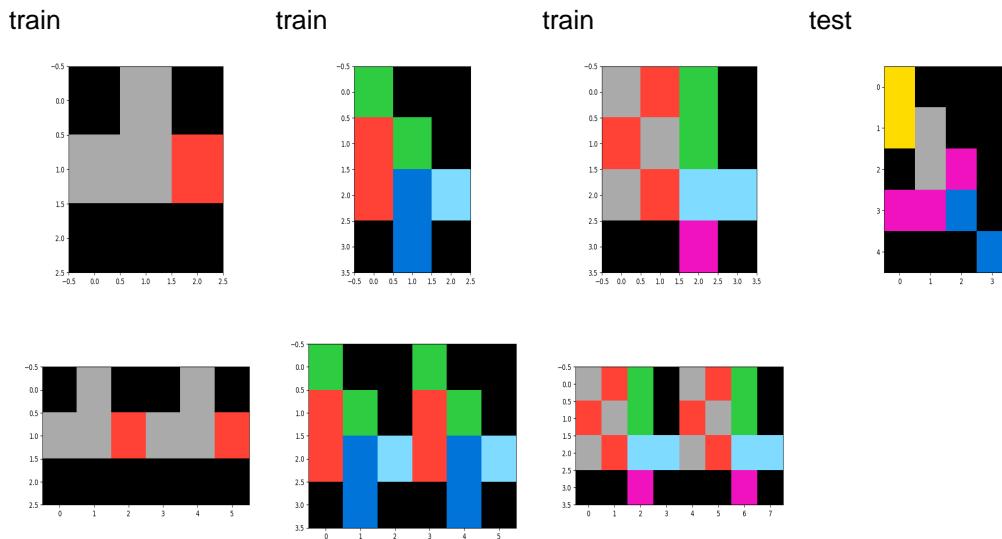


To make the output, you have to...turn the pattern in the input grid counter-clockwise

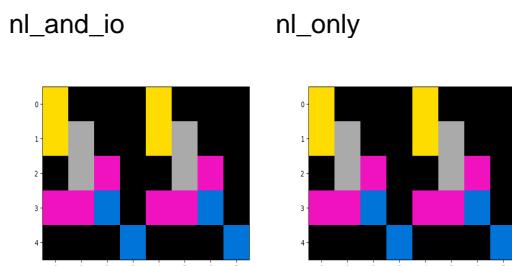
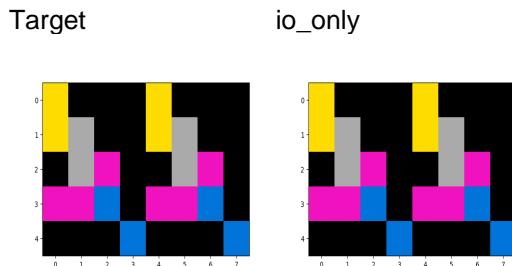


To make the output, you have to...rotate the shape 90 degrees to the left

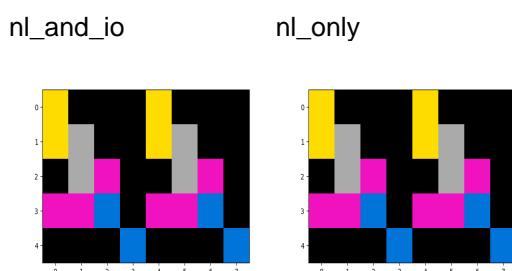
## Task ID: a416b8f3



## GPT-4 Generations



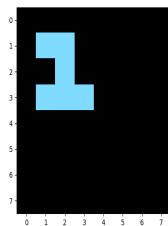
To make the output, you have to... place the input design all the way on the left half and then duplicate the exact same design and colors on the right half. The final grid is two of the original grid next to each other.



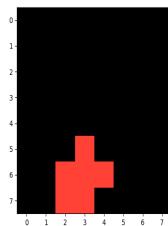
To make the output, you have to...copy the pattern exactly to the new empty section. There should be two of the same pattern side-by-side.

## Task ID: 28bf18c6

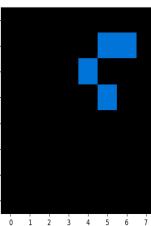
train



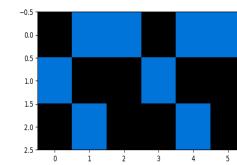
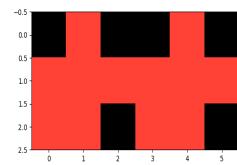
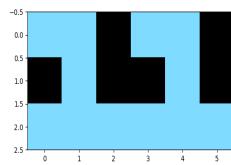
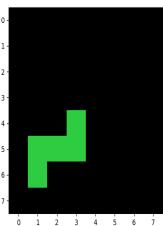
train



train

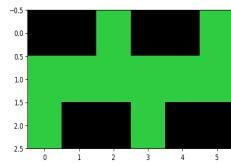


test

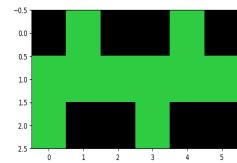


## GPT-4 Generations

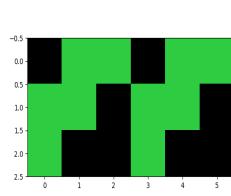
Target



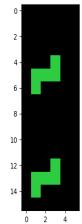
io\_only



nl\_and\_io

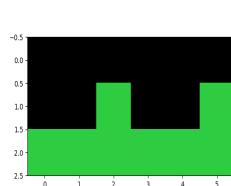


nl\_only

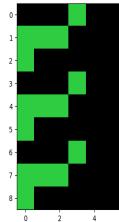


To make the output, you have to...copy the figure two times in that grid size.

nl\_and\_io

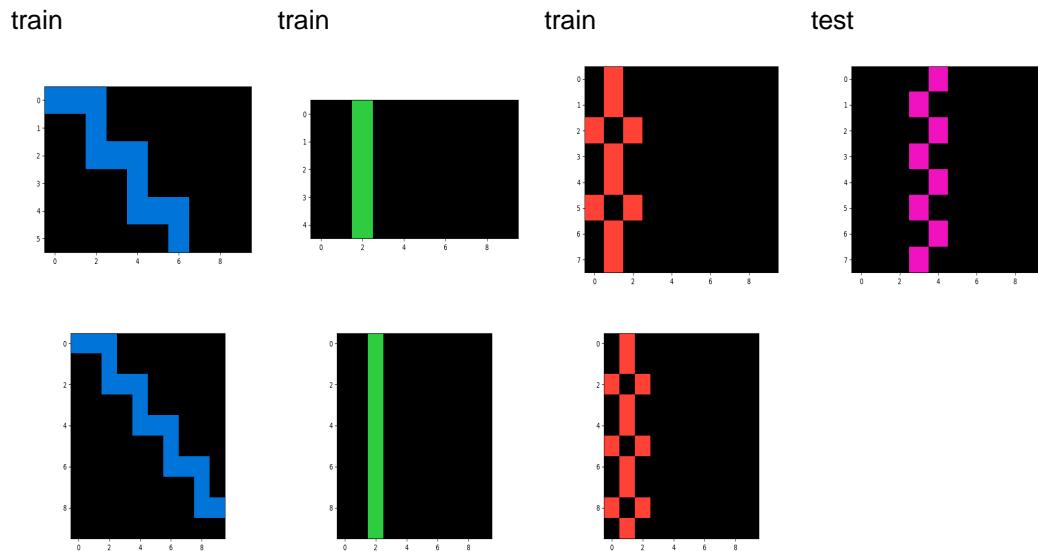


nl\_only

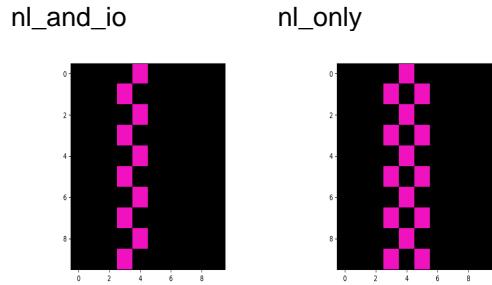
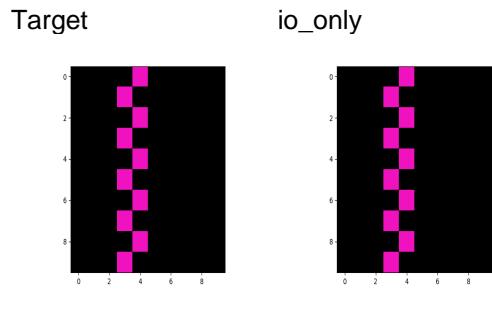


To make the output, you have to...copy the figure two times in that grid size.

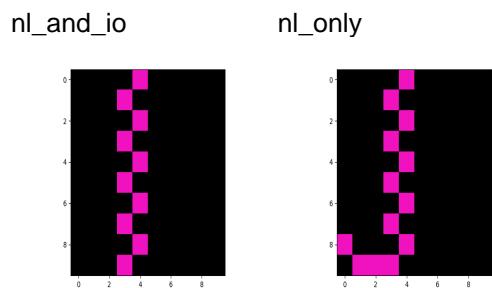
## Task ID: 53b68214



## GPT-4 Generations

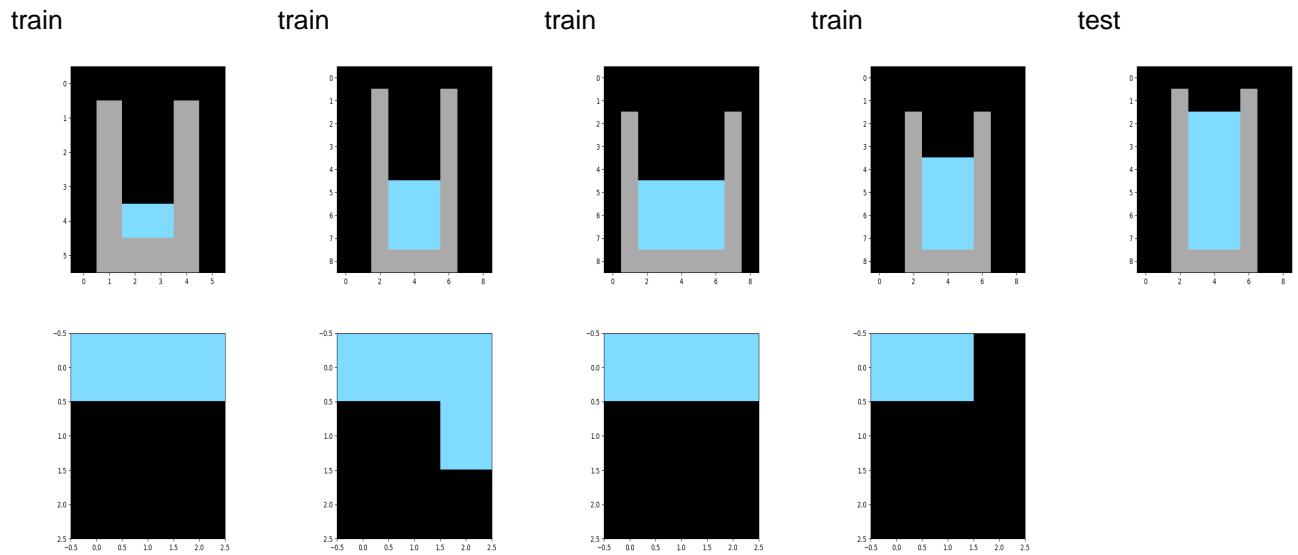


To make the output, you have to...Copy the input pattern exactly and then just continue the pattern (using the same color) till you reach the end. It is just a continuation of the original.

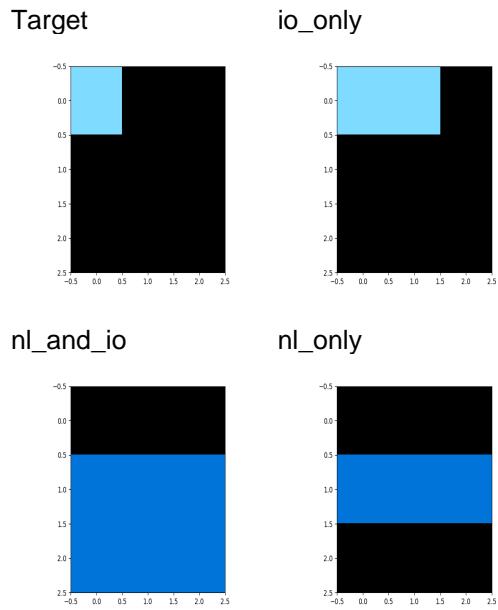


To make the output, you have to...copy the input pattern to the original place and then continue the pattern (using the same color) in the new added 4x10 area.

## Task ID: b0c4d837



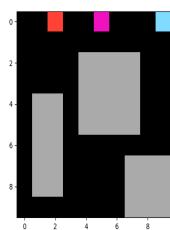
## GPT-4 Generations



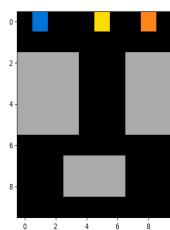
To make the output, you have to...put blue blocks if empty blocks that are in the grey pattern are added in vertical and that number should be be added blocks in a horizontal shape in a output

## Task ID: ddf7fa4f

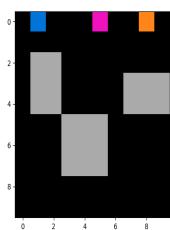
train



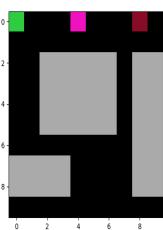
train



train

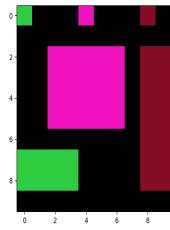


test

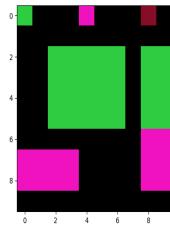


## GPT-4 Generations

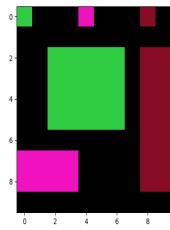
Target



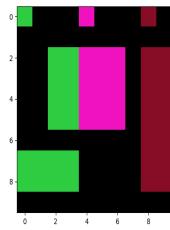
io\_only



nl\_and\_io

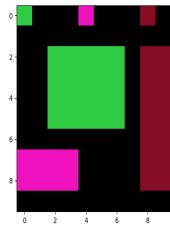


nl\_only

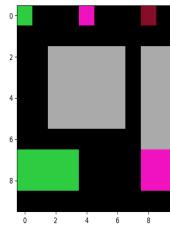


To make the output, you have to...fill the gray area with the colors corresponding with the colored block in the first row.

nl\_and\_io



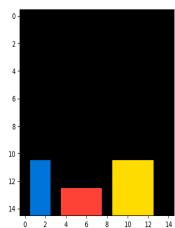
nl\_only



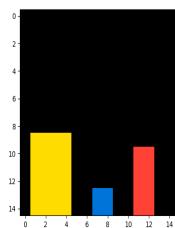
To make the output, you have to...color the gray box the color of the square above it

## Task ID: 5521c0d9

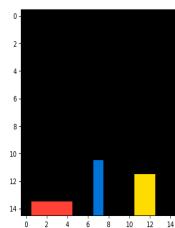
train



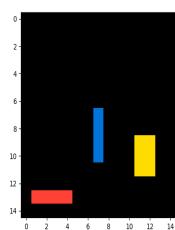
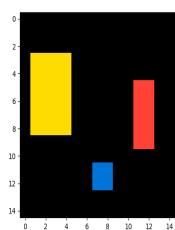
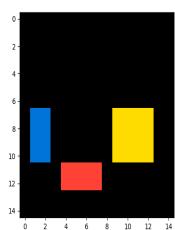
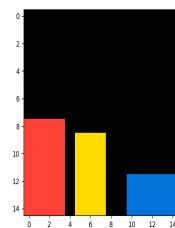
train



train

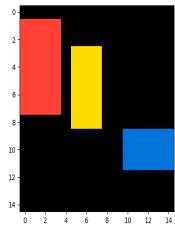


test

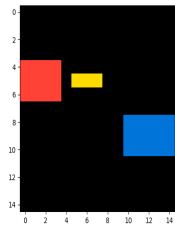


## GPT-4 Generations

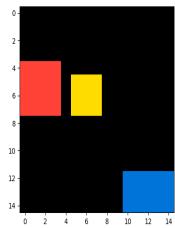
Target



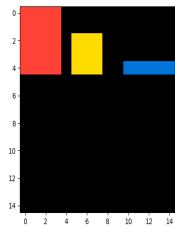
io\_only



nl\_and\_io



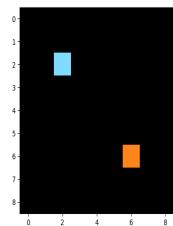
nl\_only



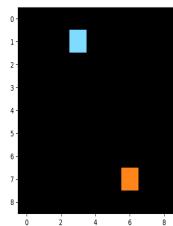
To make the output, you have to...decide how many rows the object has and move it up that same amount of rows.

## Task ID: 23581191

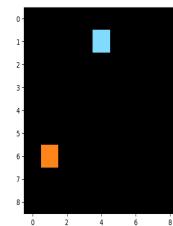
train



train

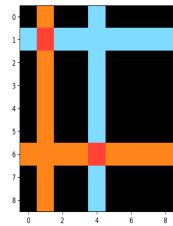


test

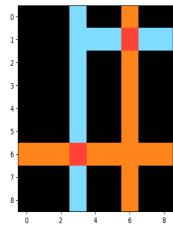


## GPT-4 Generations

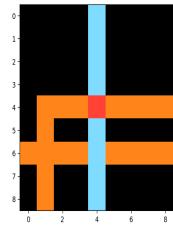
Target



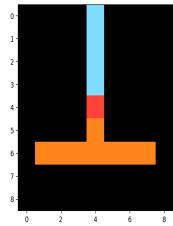
io\_only



nl\_and\_io

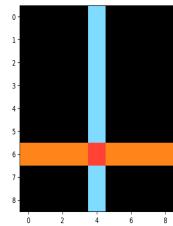


nl\_only

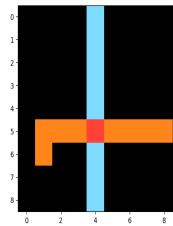


To make the output, you have to... continue both lines in their color both left to right and up and down. where the two lines cross each other make that square red

nl\_and\_io



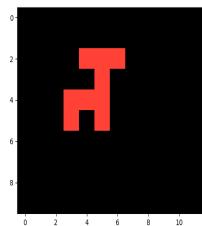
nl\_only



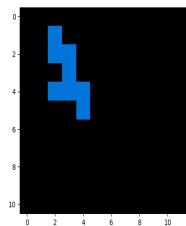
To make the output, you have to....make a vertical and horizontal line through each square to the edge of the grid. Make each line the same color as its input square. Where the two colors cross put a red square.

## Task ID: 1cf80156

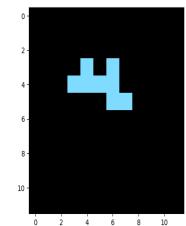
train



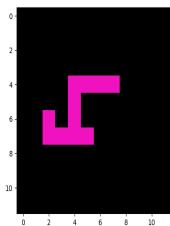
train



train

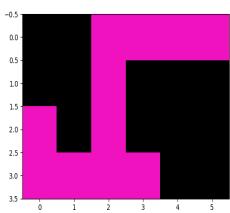


test

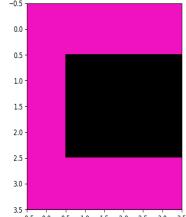


## GPT-4 Generations

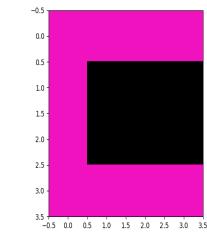
Target



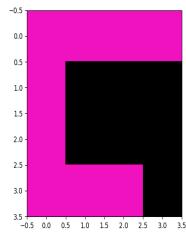
io\_only



nl\_and\_io

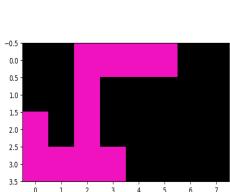


nl\_only

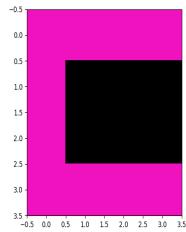


To make the output, you have to... you have to you need to make sure the colored image is exactly

nl\_and\_io

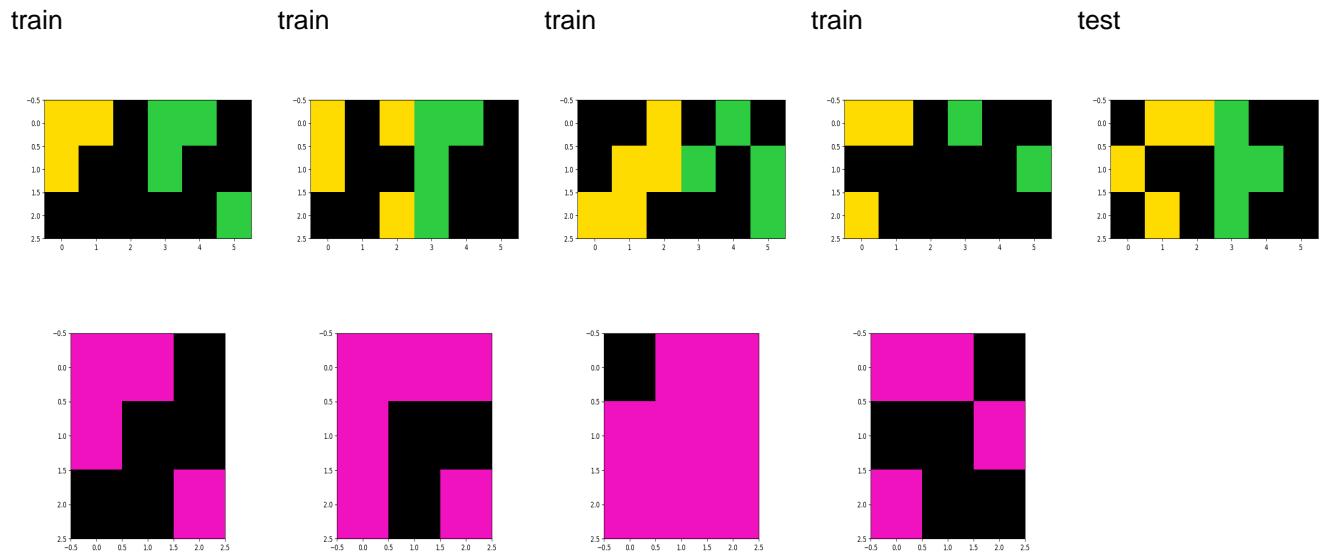


nl\_only

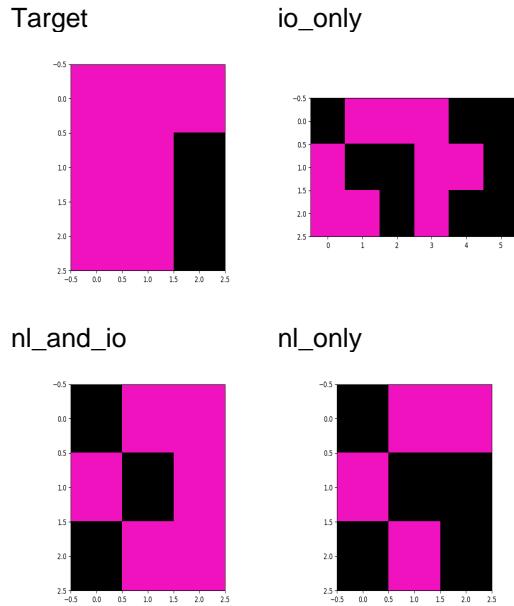


To make the output, you have to...you just need to make sure the colored image is exactly (top, bottom, left, right) in the new grid. No color change.

## Task ID: dae9d2b5

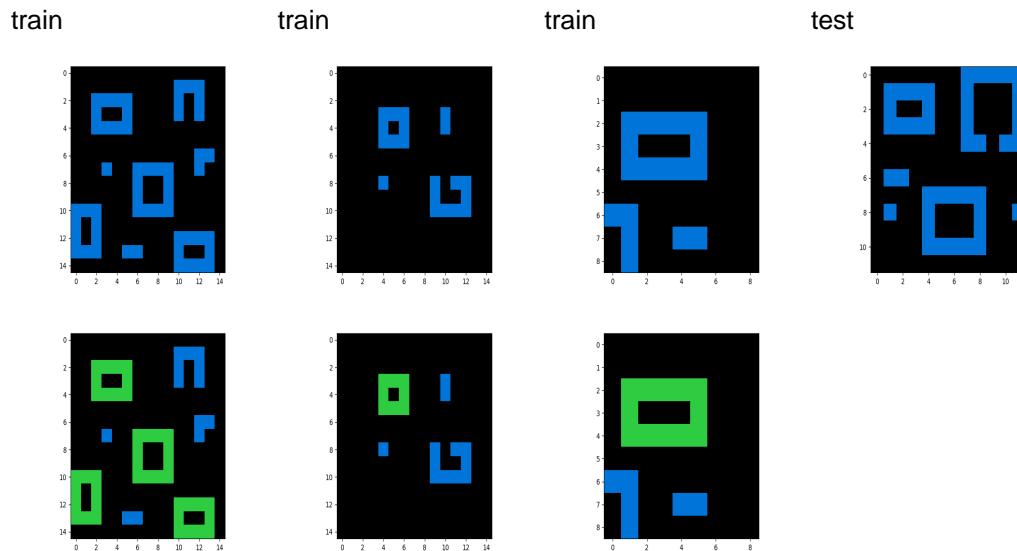


## GPT-4 Generations

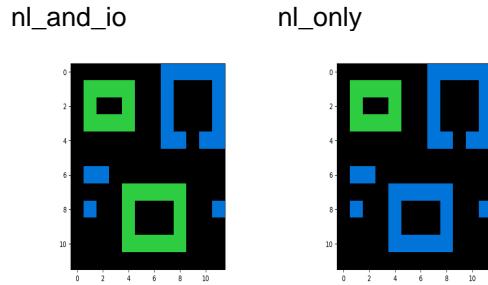
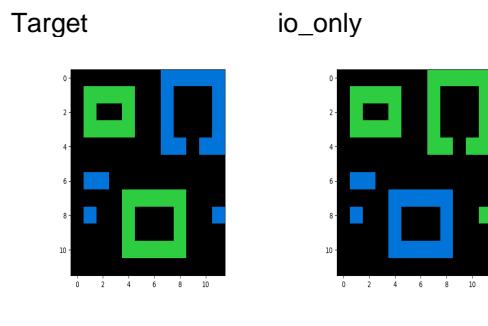


To make the output, you have to... copy and paste the left-side of the input (the yellow side) onto the output grid. Then, draw the green pattern on the output grid on top of the yellow (do not copy and paste because the black will overwrite the yellow). Your output grid should now have green and yellow on a black background. Then, recolor each green and yellow square pink, so your output is only pink and black.

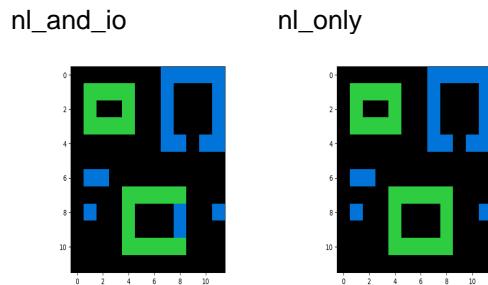
## Task ID: 810b9b61



## GPT-4 Generations



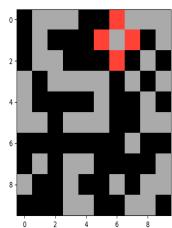
To make the output, you have to...copy the input grid. Then, any shapes that are closed (like complete squares or rectangles) will be changed from blue to green. Any other shapes that are open (incomplete) or are just lines, stay blue.



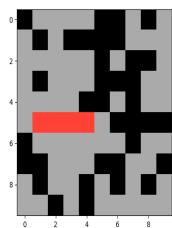
To make the output, you have to... re-color green only the blue figures that form closed boxes.

## Task ID: e5062a87

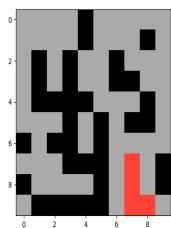
train



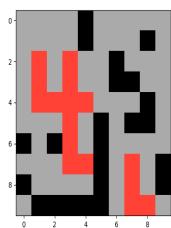
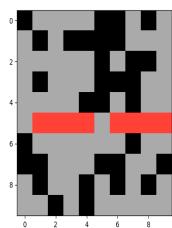
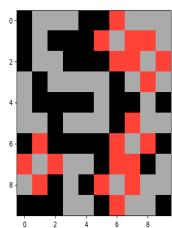
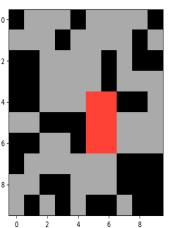
train



train

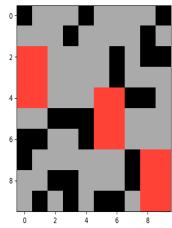


test

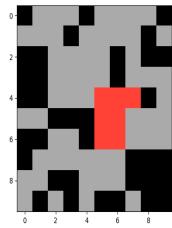


## GPT-4 Generations

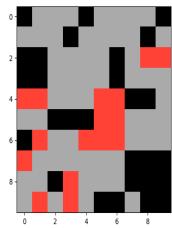
Target



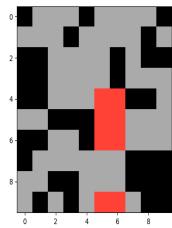
io\_only



nl\_and\_io



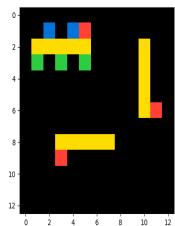
nl\_only



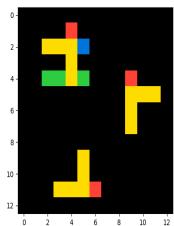
To make the output, you have to...find any black squares that are in the same pattern as the red squares, then change the black squares in each pattern to red.

## Task ID: 36d67576

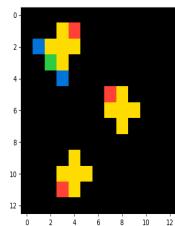
train



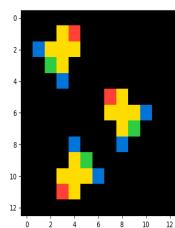
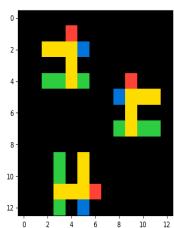
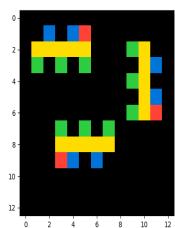
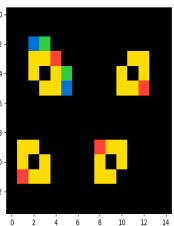
train



train

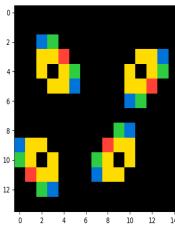


test

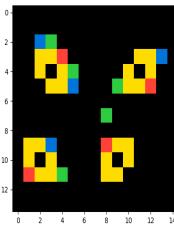


## GPT-4 Generations

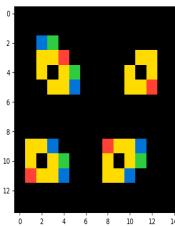
Target



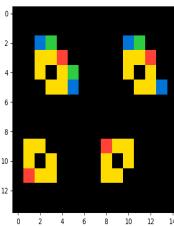
io\_only



nl\_and\_io



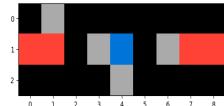
nl\_only



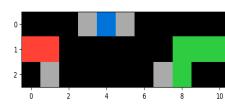
To make the output, you have to...Repeat pattern shown on single yellow pattern onto others

## Task ID: 234bbc79

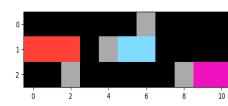
train



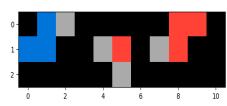
train



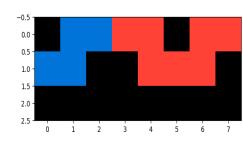
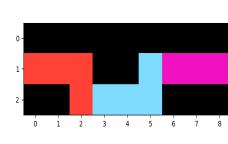
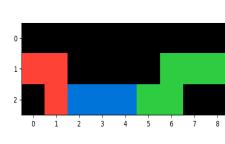
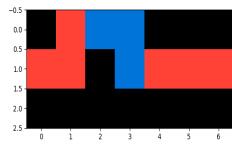
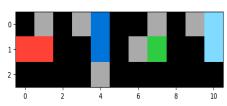
train



train

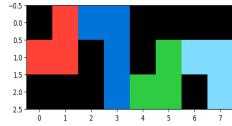


test

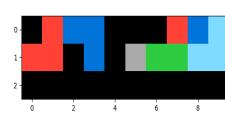


## GPT-4 Generations

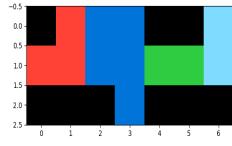
Target



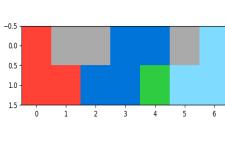
io\_only



nl\_and\_io



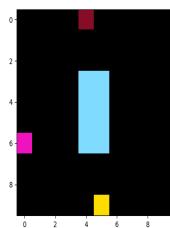
nl\_only



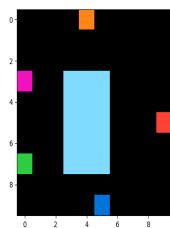
To make the output, you have to...make any grey boxes the same color as the blocks to which it is connected. Remove columns of black boxes. Align the middle and right shapes so that the former grey squares are connected.

## Task ID: 1f642eb9

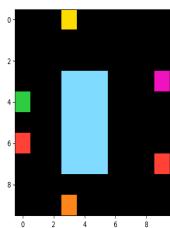
train



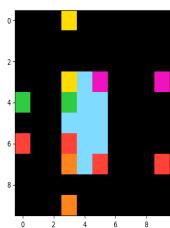
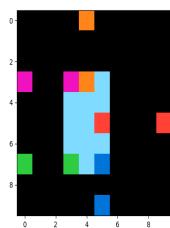
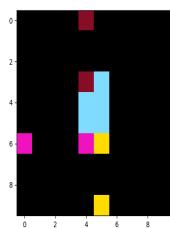
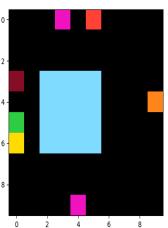
train



train

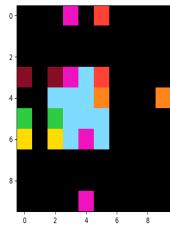


test

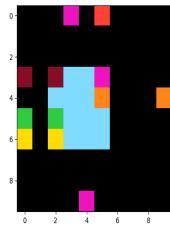


## GPT-4 Generations

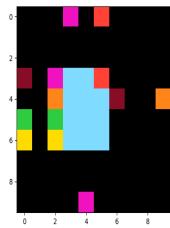
Target



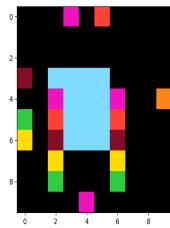
io\_only



nl\_and\_io



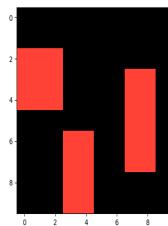
nl\_only



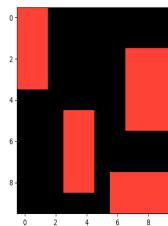
To make the output, you have to...make a copy of each of the colored small squares and put those copy into the blue shape into the same line near to the same block.

### Task ID: ef135b50

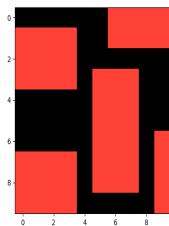
train



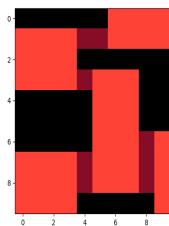
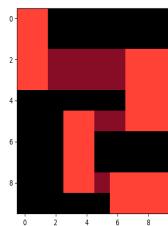
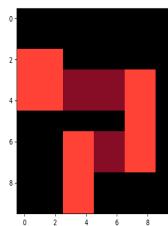
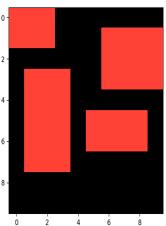
train



train

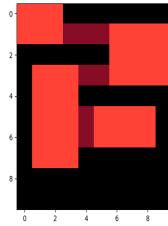


test

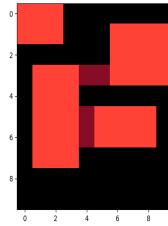


### GPT-4 Generations

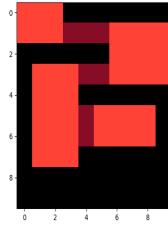
Target



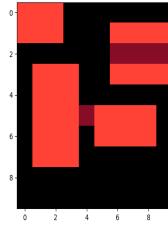
io\_only



nl\_and\_io



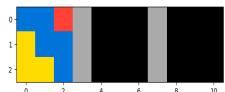
nl\_only



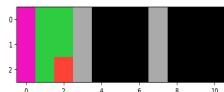
To make the output, you have to...put dark red squares in between the space that the light red squares across from each other only left to right squares

## Task ID: 8e5a5113

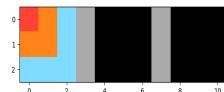
train



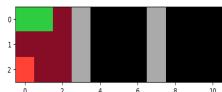
train



train

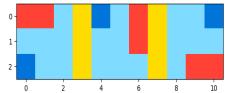


test

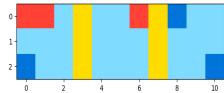


## GPT-4 Generations

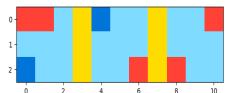
Target



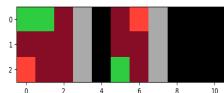
io\_only



nl\_and\_io



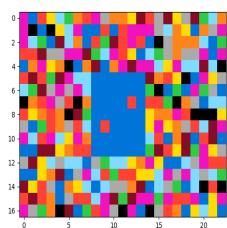
nl\_only



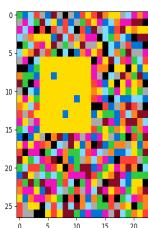
To make the output, you have to...have the first remain the same  
then the second black square have the same colors just move it 90  
degrees and for the third black square change it 90 more degrees

## Task ID: 8731374e

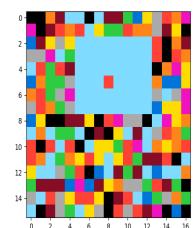
train



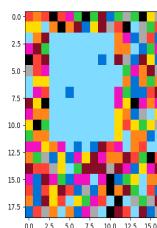
train



train

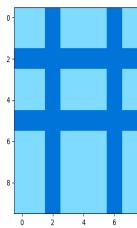


test

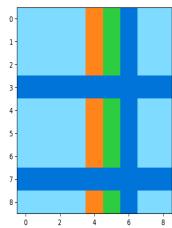


## GPT-4 Generations

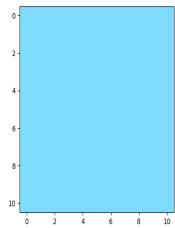
Target



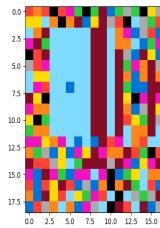
io\_only



nl\_and\_io

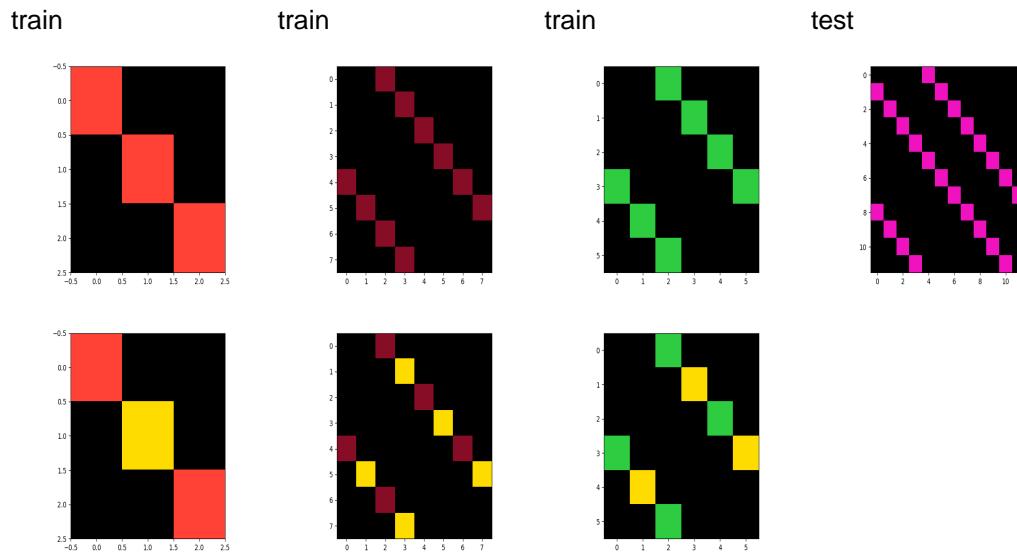


nl\_only

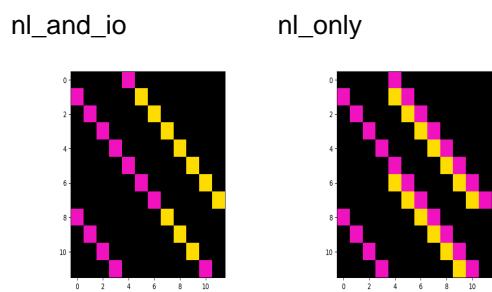
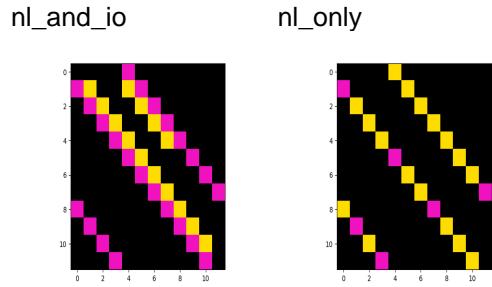
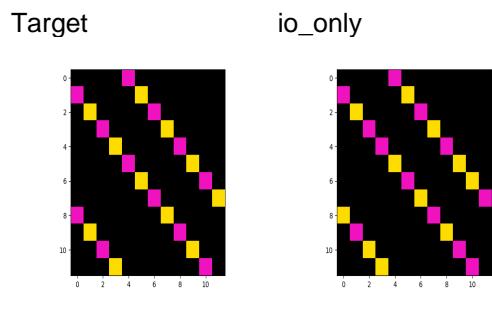


To make the output, you have to...fill in the entire row and column with the same color of the smaller cell. For example, if you have three single colored cells, you should end up with three columns and three rows.

## Task ID: a5f85a15



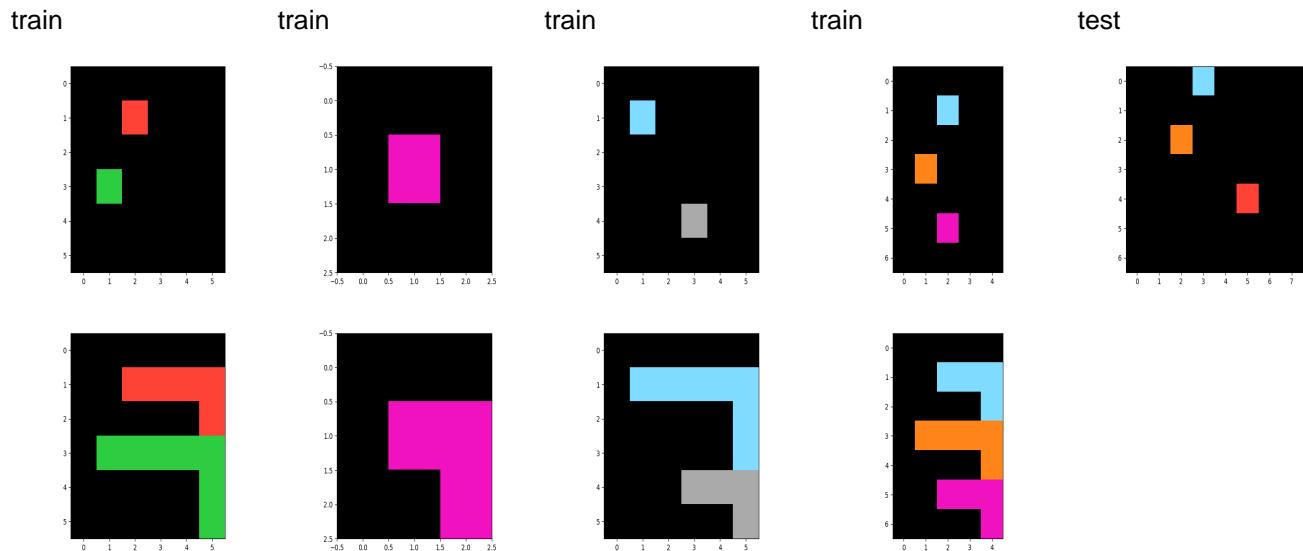
## GPT-4 Generations



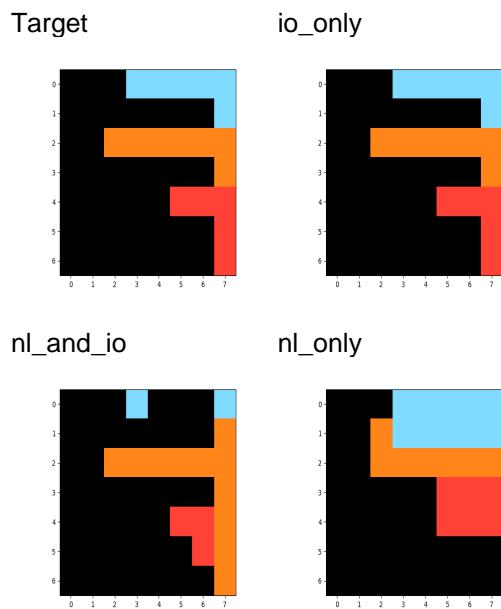
To make the output, you have to...change every other square on each of the diagonal lines to yellow

To make the output, you have to...change every other square on each of the diagonal lines to yellow (starting with the 2nd square on each line)

## Task ID: 99fa7670

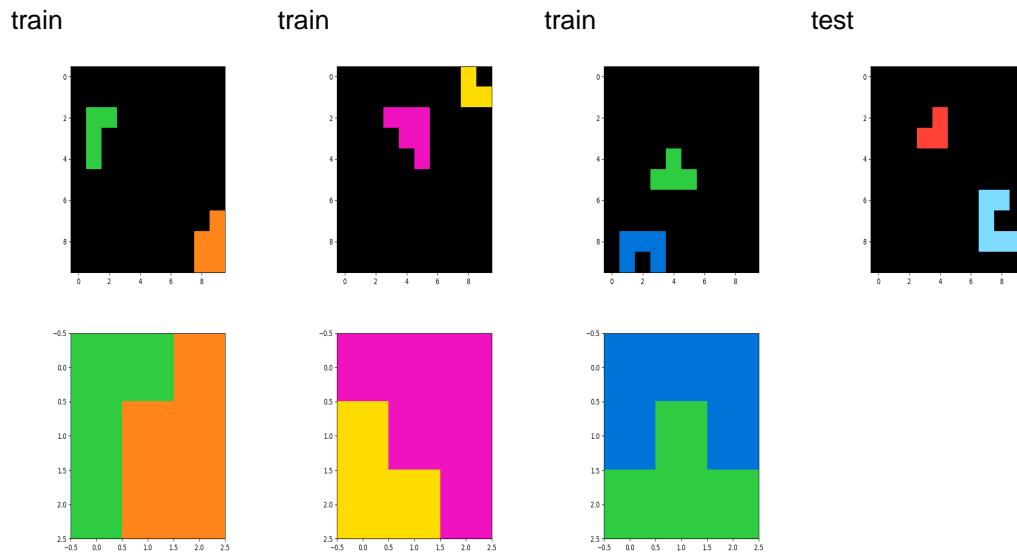


## GPT-4 Generations

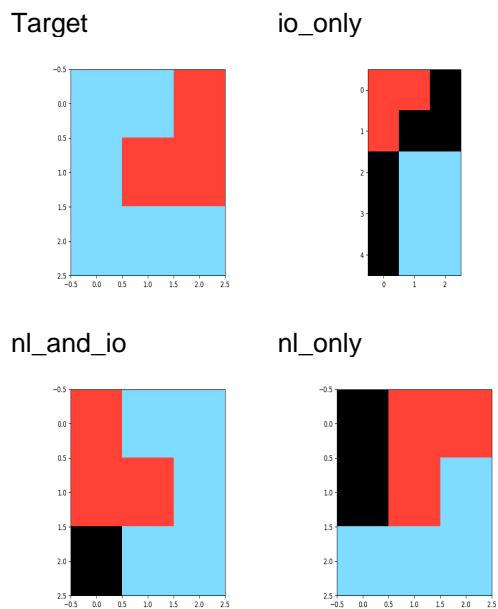


To make the output, you have to...extend the colored blocks, using their original color, to the right and downward, creating "L" shapes. Start with the bottom-most block. Draw a line from the bottom-most block until it touches the right side of the grid, and then draw a line downward from there until it touches the bottom of the grid. This will form an inverted "L" shape that is facing left. Then, go up to the next colored block and repeat this process, except when you draw the line downward, stop where it would touch the first color. This will form another inverted "L" shape, on top of the first one. Do this for each colored block.

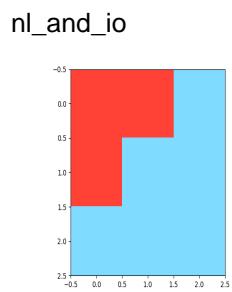
## Task ID: 681b3aeb



## GPT-4 Generations

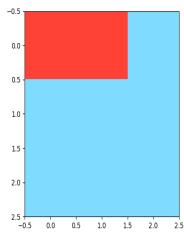


To make the output, you have to...Place the shapes together in the 3x3 grid so they form a square.

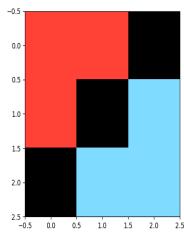


To make the output, you have to...place both shapes together until they form a 3x3 square.

nl\_and\_io

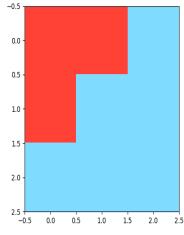


nl\_only

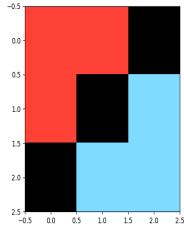


To make the output, you have to...place the two colored patterns so they form a rectangular pattern.

nl\_and\_io

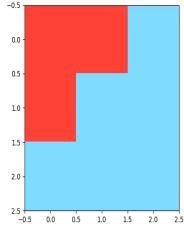


nl\_only

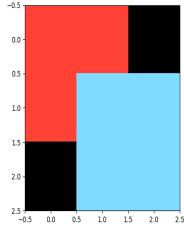


To make the output, you have to...piece the two shapes together to form a rectangular section

nl\_and\_io

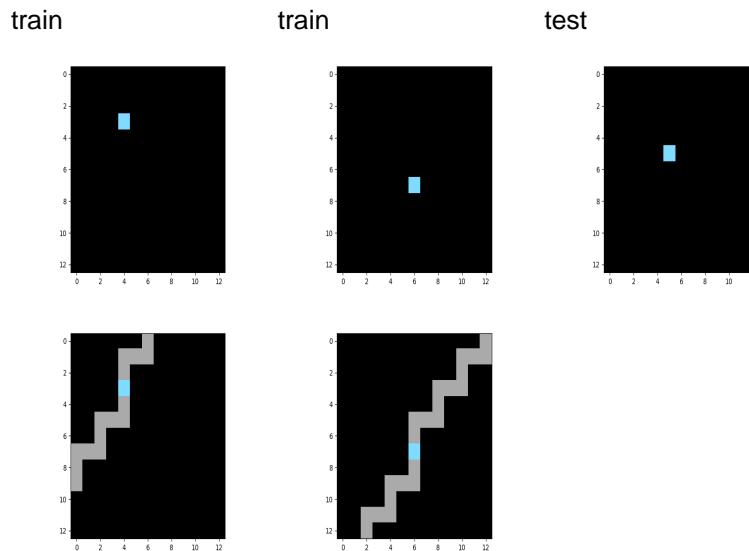


nl\_only

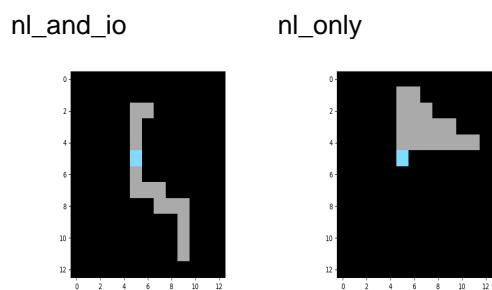
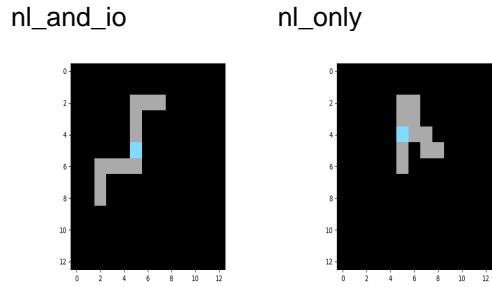
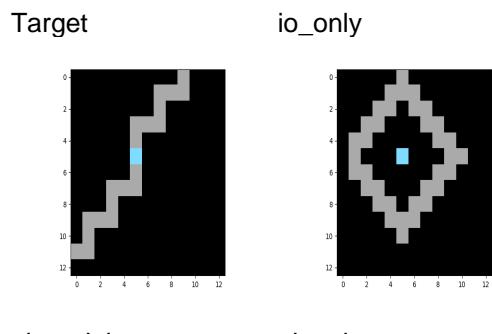


To make the output, you have to...fit the the two colored shapes together to form a square.

## Task ID: d06dbe63



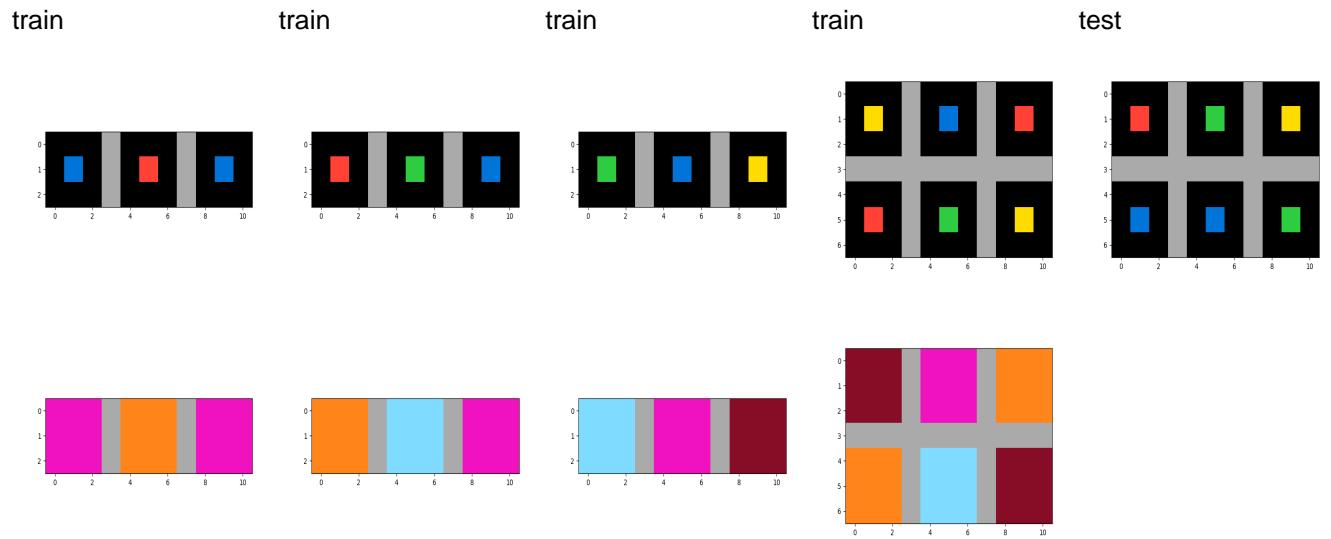
## GPT-4 Generations



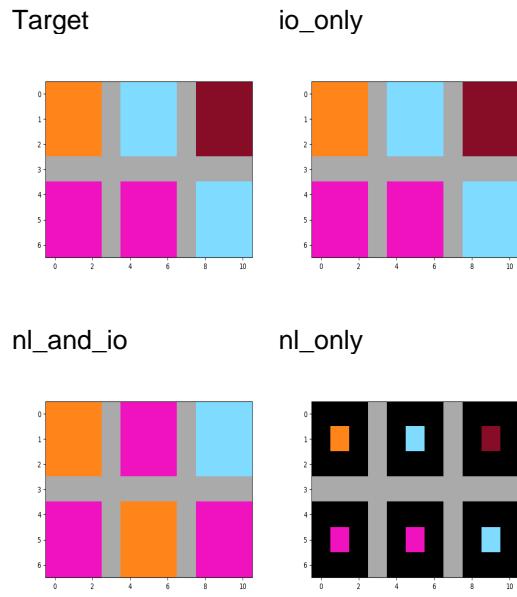
To make the output, you have to...use just grey blocks add blocks to the top of the blue box, add two up, and then two to the right. Below the blue box add grey blocks, two down and then two to the left. Repeat this pattern to the edge of the grid.

To make the output, you have to...place two gray pixels above the light blue square. Then make three gray squares (total) to the right, then three more (total) going up, etc to the end of the border. Do the same thing going down, except the squares should go to the left instead of to the right. It should look like stairs, sort of.

## Task ID: 54d9e175

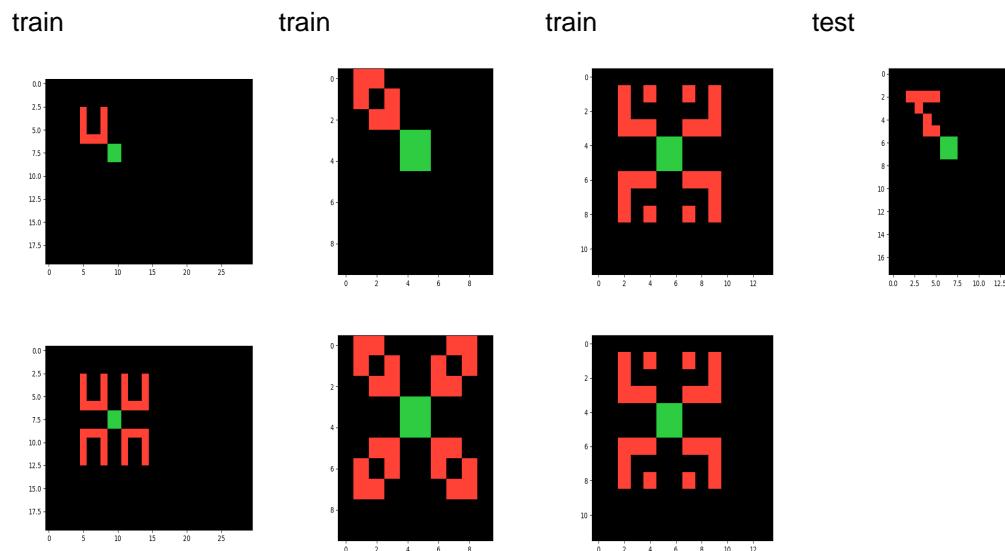


## GPT-4 Generations

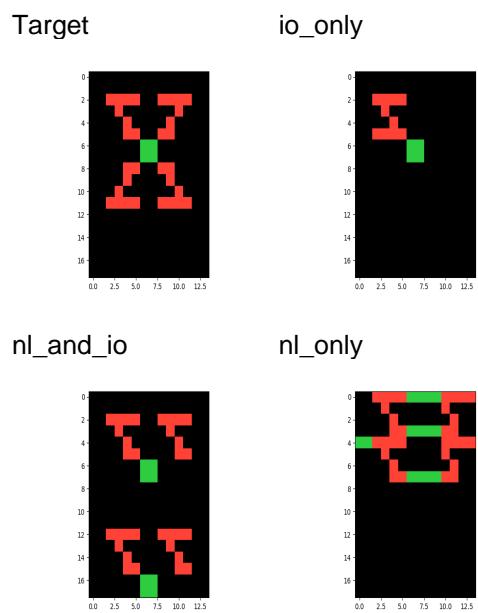


To make the output, you have to...replace all 3x3 squares with a specific color. The color to replace is below: Green to Light Blue Blue to Purple Yellow to Dark Red Red to Orange

## Task ID: 4938f0c2



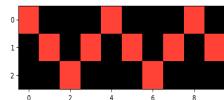
## GPT-4 Generations



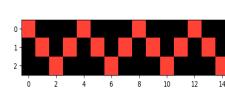
To make the output, you have to...correlate the design until you have a pattern on all 4 corners of the cube

## Task ID: 7447852a

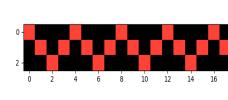
train



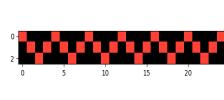
train



train



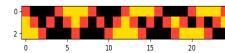
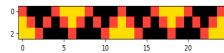
test



## GPT-4 Generations

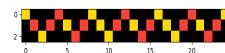
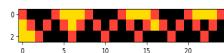
Target

io\_only



nl\_and\_io

nl\_only



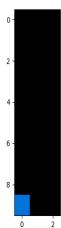
To make the output, you have to... fill in every third triangle with yellow, starting at the lower-left: yellow, black, black, yellow...

## Task ID: a3df8b1e

train



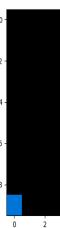
train



train

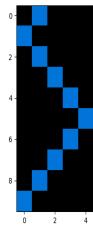


test

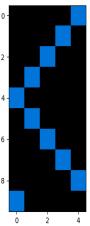


## GPT-4 Generations

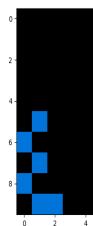
Target



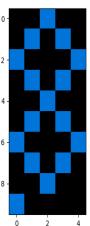
io\_only



nl\_and\_io

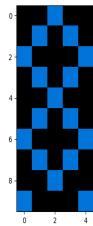


nl\_only

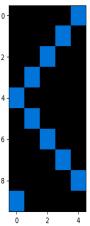


To make the output, you have to...draw a blue dot one to the right and one up from the original one, follow that pattern until you reach the side, then draw a blue dot one to the left and one up until you reach the other side, repeat until you reach the top

nl\_and\_io



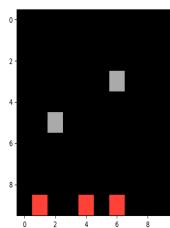
nl\_only



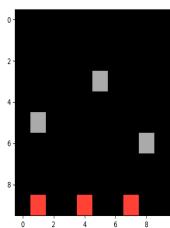
To make the output, you have to...add blue squares in a 45 degree angle pattern back and forward until you reach the top.

## Task ID: d9f24cd1

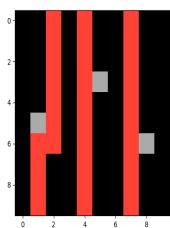
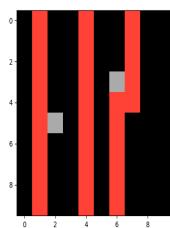
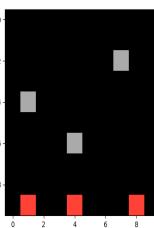
train



train

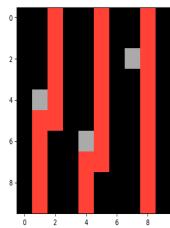


test

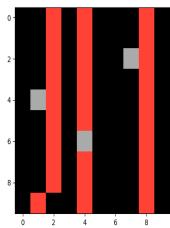


## GPT-4 Generations

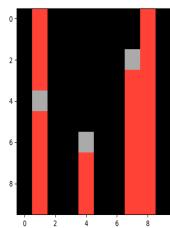
Target



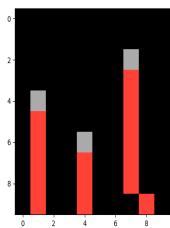
io\_only



nl\_and\_io

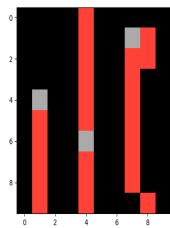


nl\_only

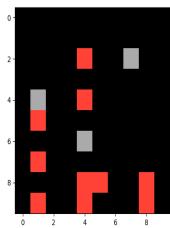


To make the output, you have to...extend each red dot straight up so it forms a line to the top of the grid. If the red line would go through a gray square, the line must go to the right of it and then continue going straight up, making it a bent line.

nl\_and\_io

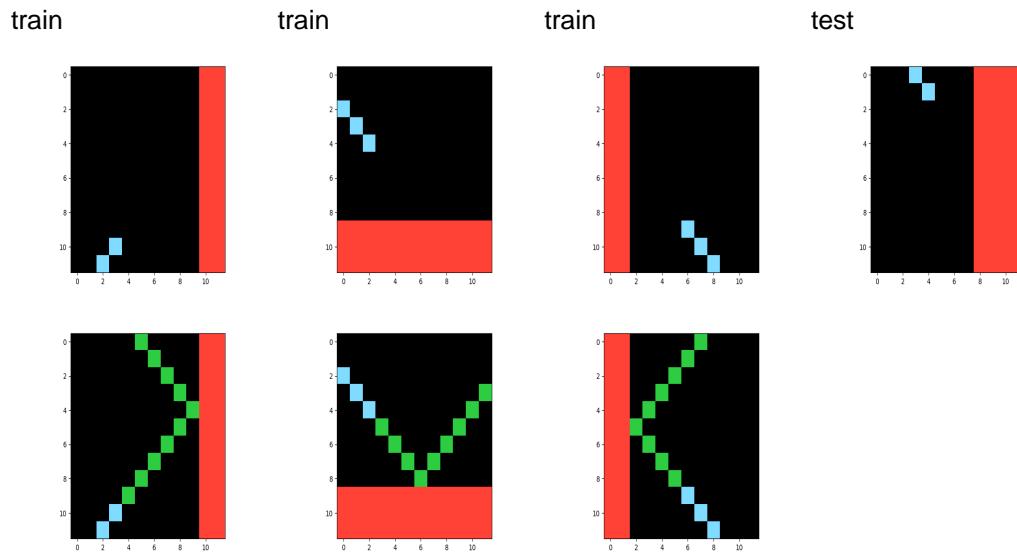


nl\_only

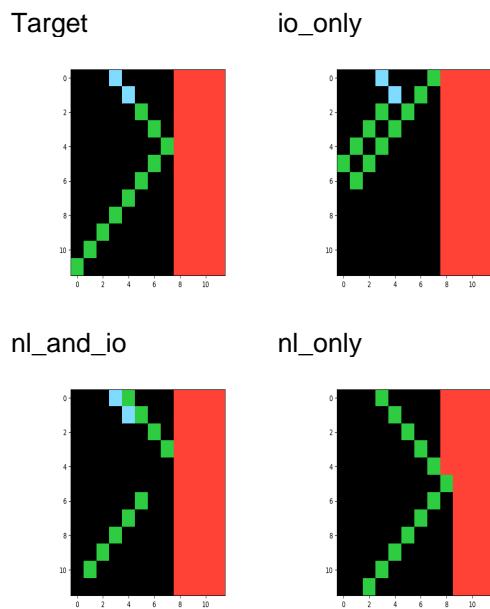


To make the output, you have to...extend each red dot straight up so it forms a vertical line. The red pixel must change direction as it reaches the gray pixel to the right and continue straight up.

## Task ID: 508bd3b6

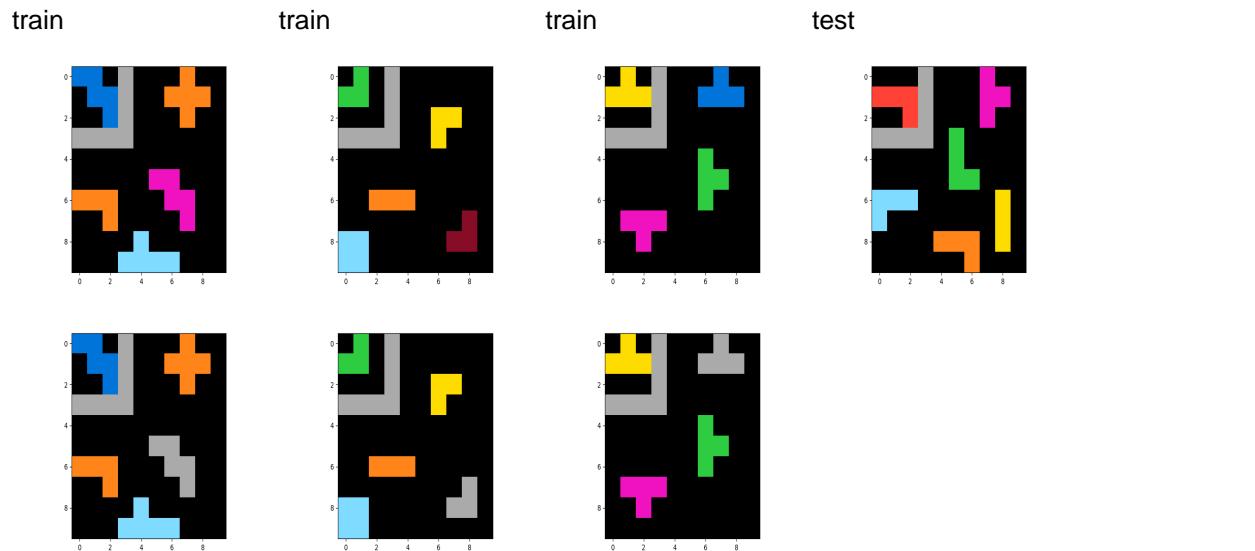


## GPT-4 Generations

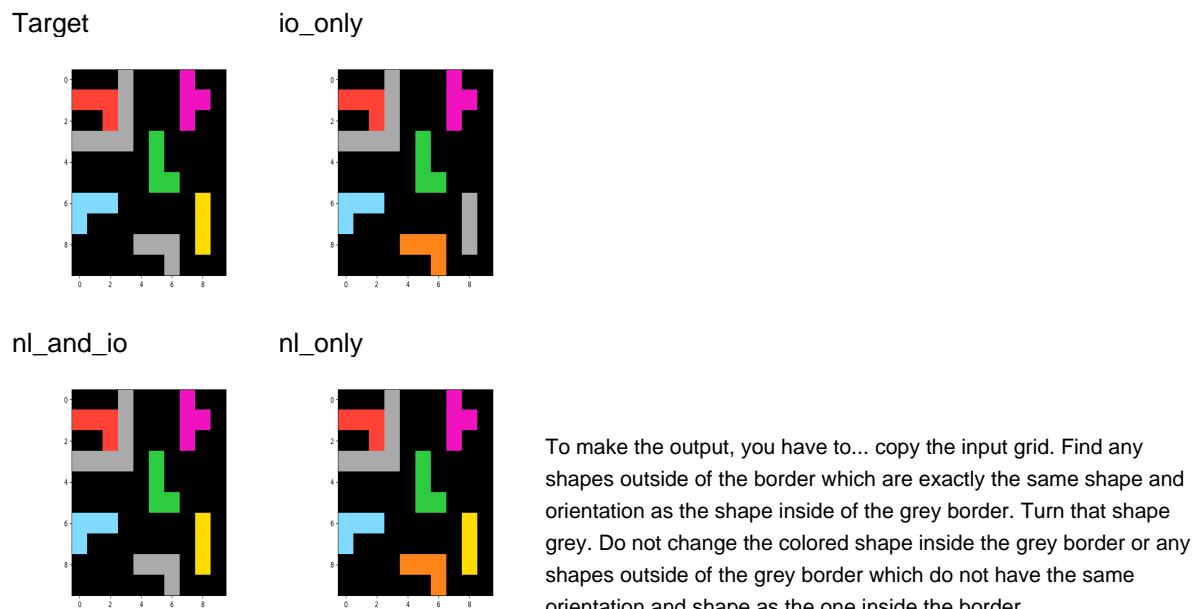


To make the output, you have to...you have to continue the direction the light blue squares are going until it reaches whatever the red spot it touches. Then it bounces off that spot and goes in that direction. Think of Pong. The line will always be diagonal, reach an edge of the grid and green except for the starting two or three spaces that are light blue.

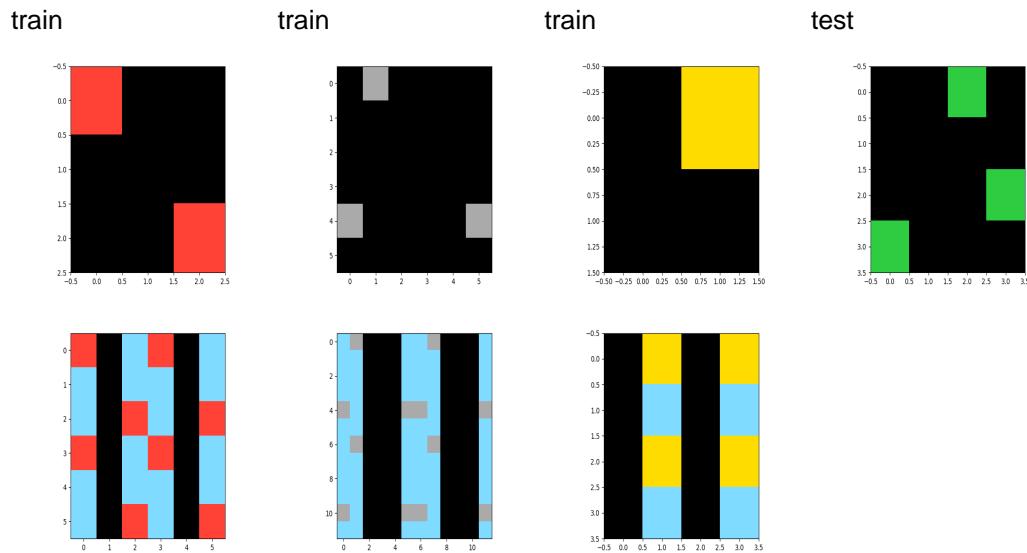
## Task ID: 63613498



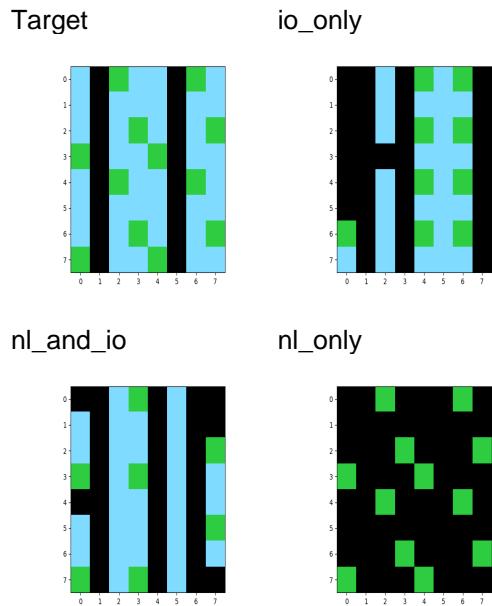
## GPT-4 Generations



## Task ID: f5b8619d

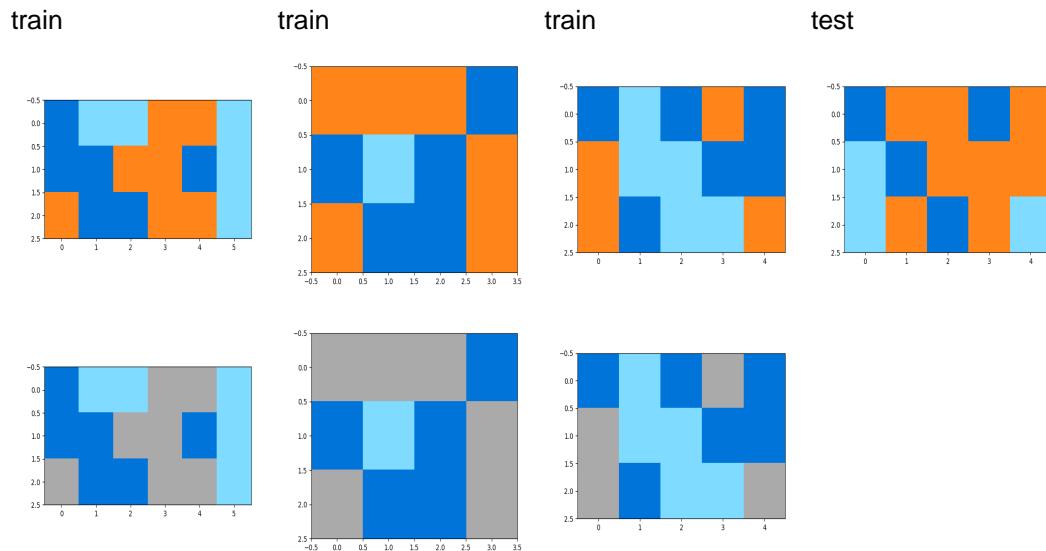


## GPT-4 Generations

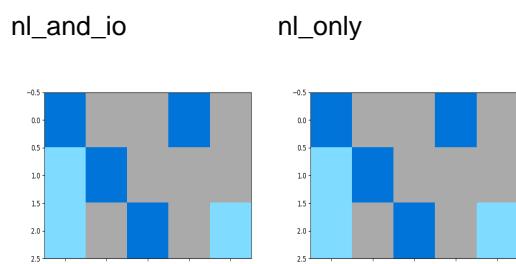
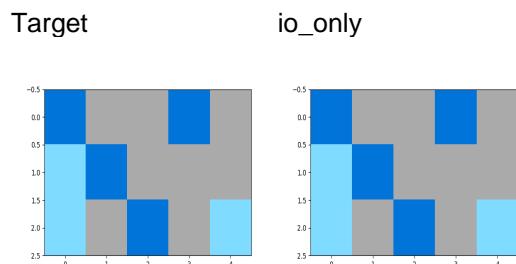


To make the output, you have to...use the input grid as 4 sections of the output so that there is a pattern of the first colored squares, then using light blue make lines up and down from the colored squares to until you reach another colored square or the end of the output grid

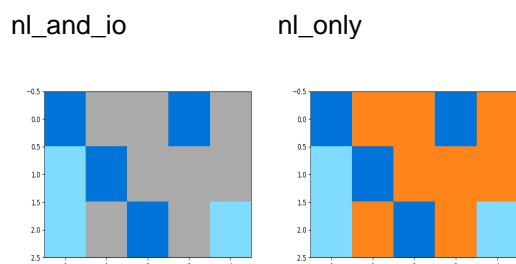
## Task ID: c8f0f002



## GPT-4 Generations

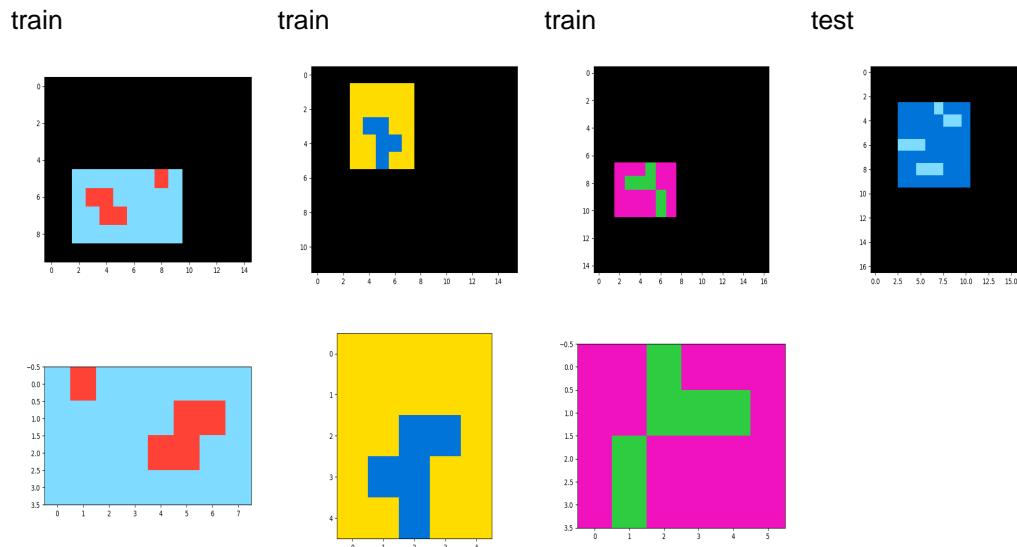


To make the output, you have to...replace yellow grid with grey

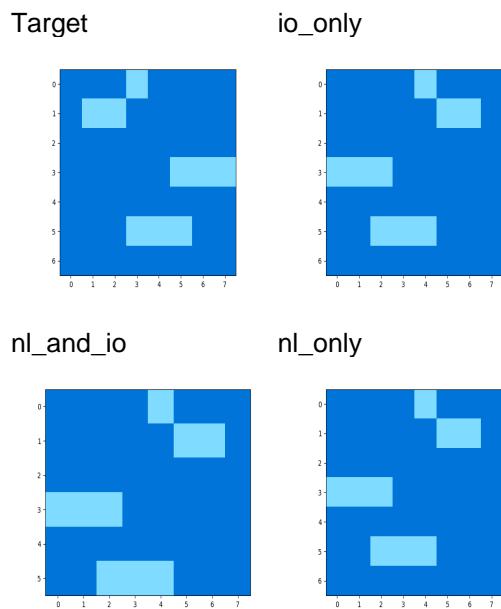


To make the output, you have to...change the yellow grids into grey one

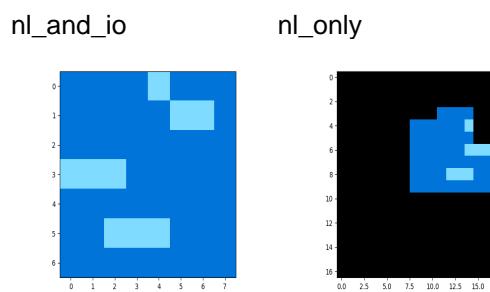
## Task ID: 7468f01a



## GPT-4 Generations

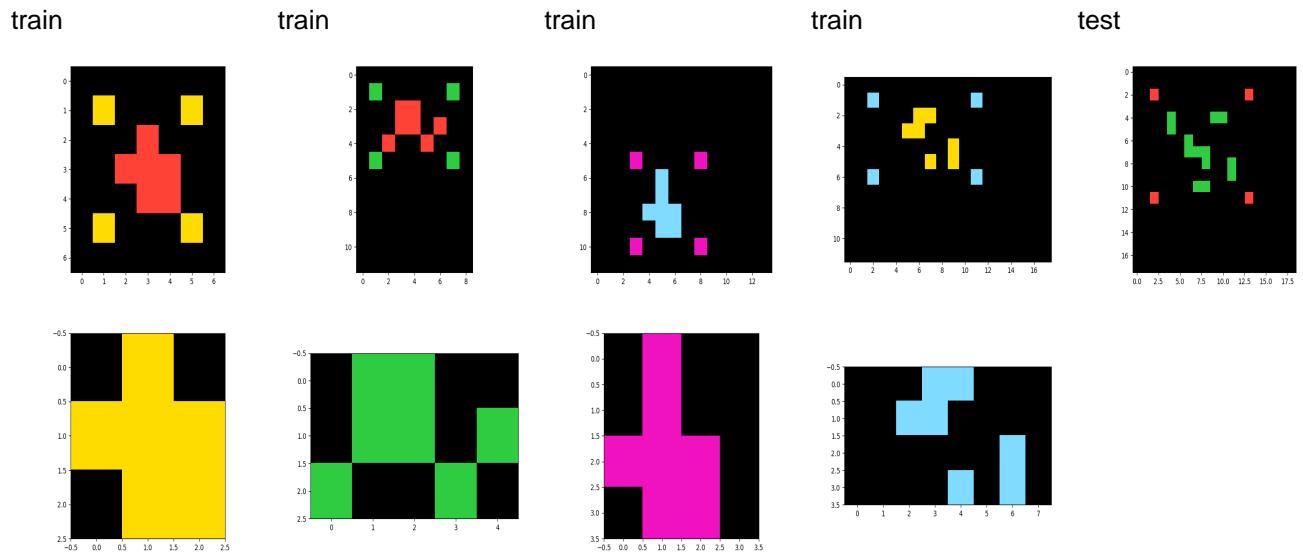


To make the output, you have to...copy the large colored object with smaller colored object in it. Then mirror the small colored object left to right.

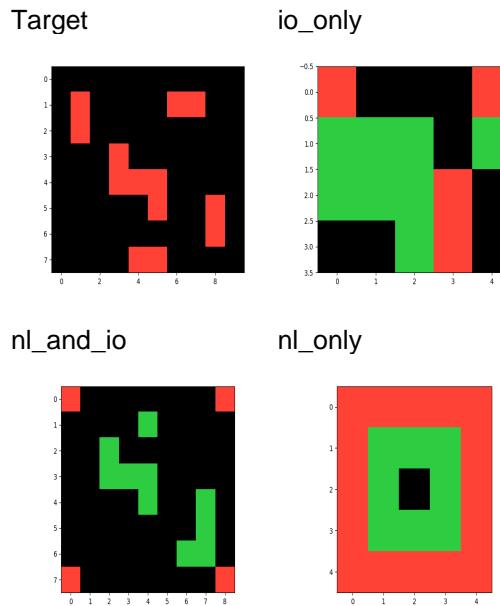


To make the output, you have to...The output is the colored shape inverted to the side.

## Task ID: 3de23699



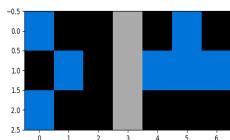
## GPT-4 Generations



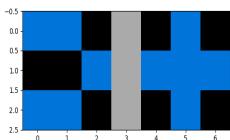
To make the output, you have to...use the color of the single 4 boxes and replicate the shapes from the input grid.

## Task ID: 0520fde7

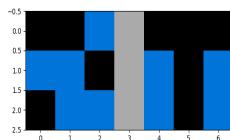
train



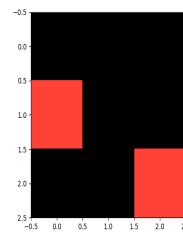
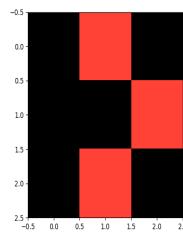
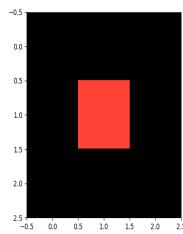
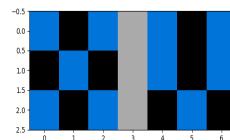
train



train

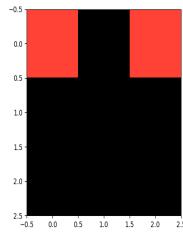


test

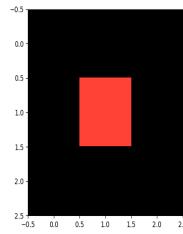


## GPT-4 Generations

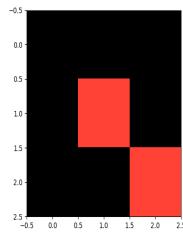
Target



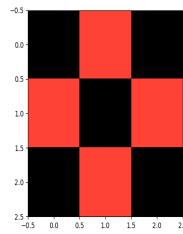
io\_only



nl\_and\_io

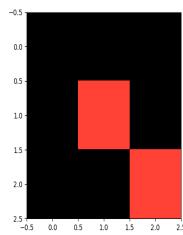


nl\_only

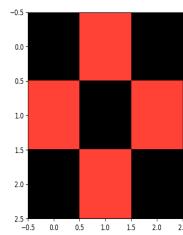


To make the output, you have to... look at both the left and right parts of the input grid. You will notice that the left and right parts are 3x3. For each square that is colored on both the left and right parts, color the output grid with red on the new 3x3.

nl\_and\_io



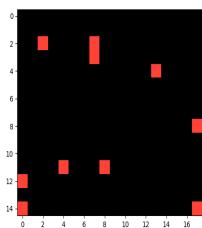
nl\_only



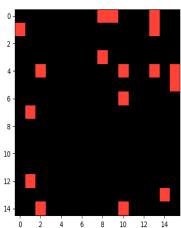
To make the output, you have to... look at both the left and right parts of the input grid. You will notice that the left and right parts are 3x3. For each square that is colored on both the left and right parts, color the output grid with red on the new 3x3.

## Task ID: b27ca6d3

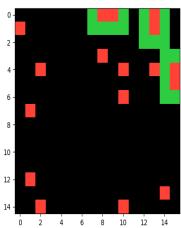
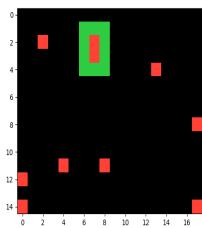
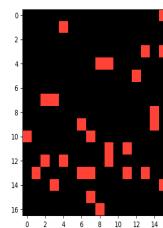
train



train

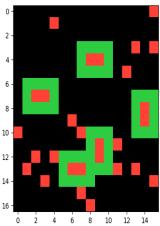


test

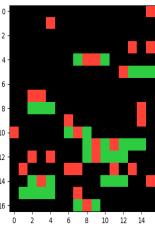


## GPT-4 Generations

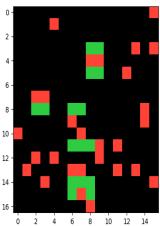
Target



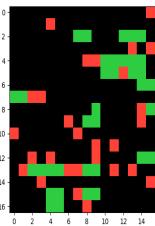
io\_only



nl\_and\_io



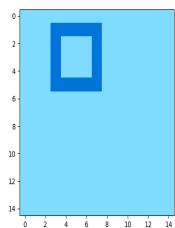
nl\_only



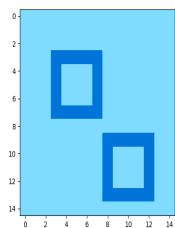
To make the output, you have to...surround the paired red boxes with green boxes

## Task ID: 41e4d17e

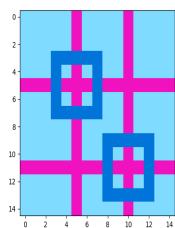
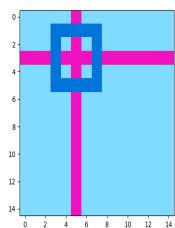
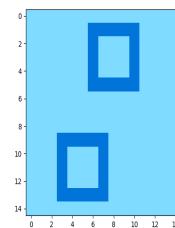
train



train

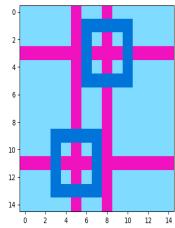


test

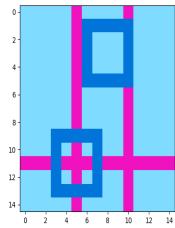


## GPT-4 Generations

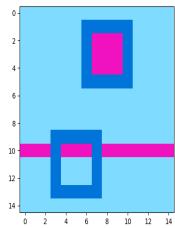
Target



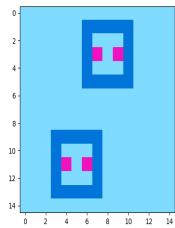
io\_only



nl\_and\_io



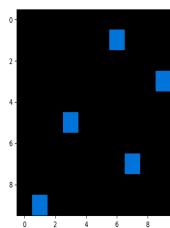
nl\_only



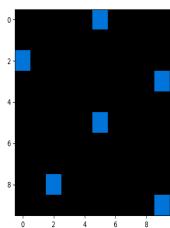
To make the output, you have to... Copy the grid. color each of the centers of the outlined squares pink. Continue creating a pink line vertically up and down from this pink center cell. DO NOT color the dark Blue outline. Create a pink horizontal line left and right from the pink center cell. DO NOT color the dark Blue outline. Do this for all outlined squares. you should be done.

## Task ID: d364b489

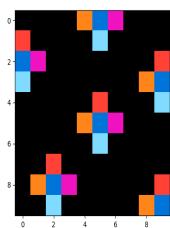
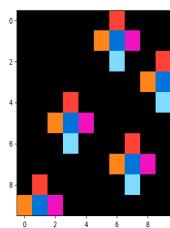
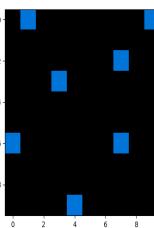
train



train

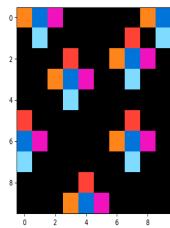


test

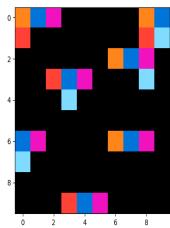


## GPT-4 Generations

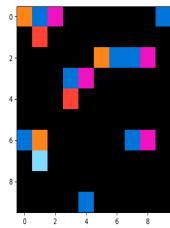
Target



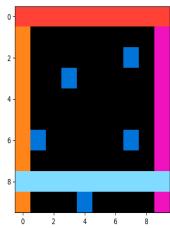
io\_only



nl\_and\_io

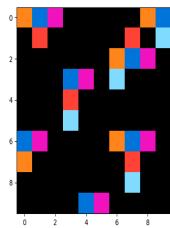


nl\_only

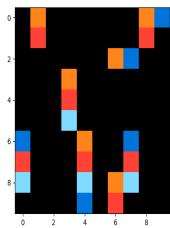


To make the output, you have to...put purple squares on the right side, red squares on the top, orange squares on the left, light blue squares on the bottom.

nl\_and\_io

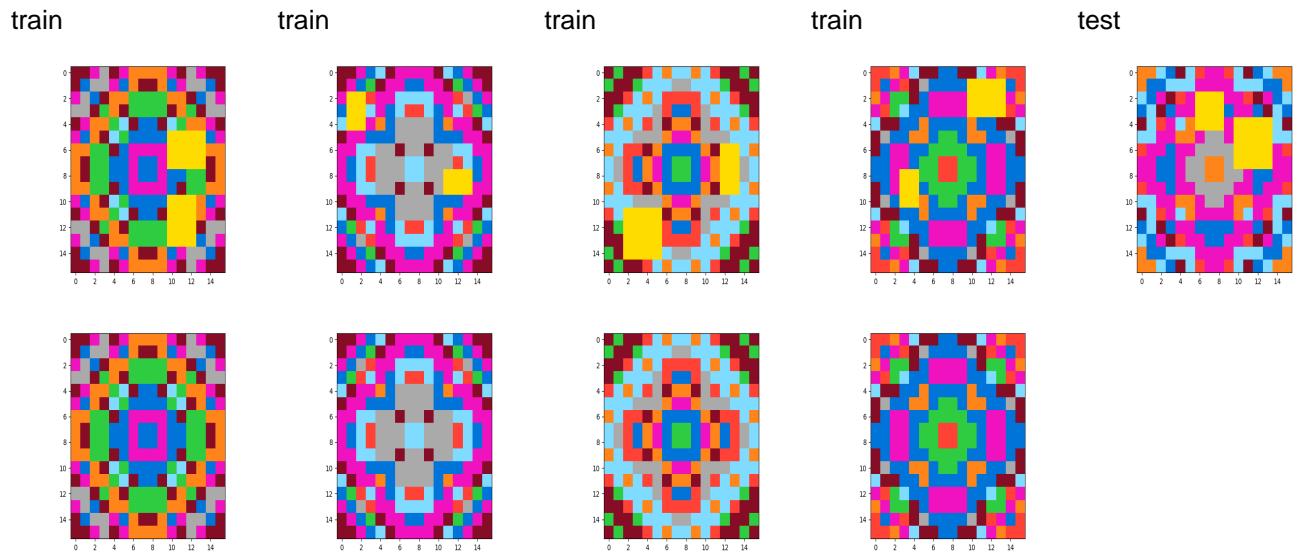


nl\_only

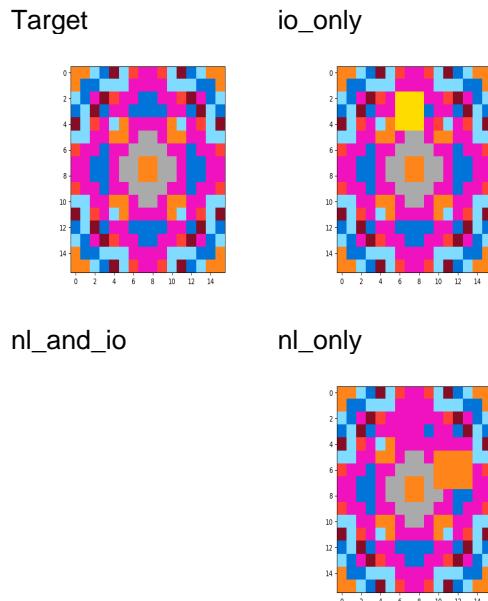


To make the output, you have to...place a orange square to the space left of any blue square, a red square in the space above any blue square, a purple square to the space on the right of any blue square and a light blue square to the space below any blue square.

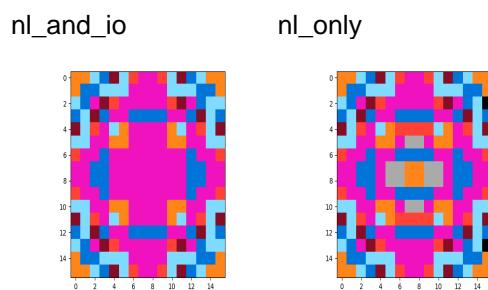
## Task ID: b8825c91



## GPT-4 Generations

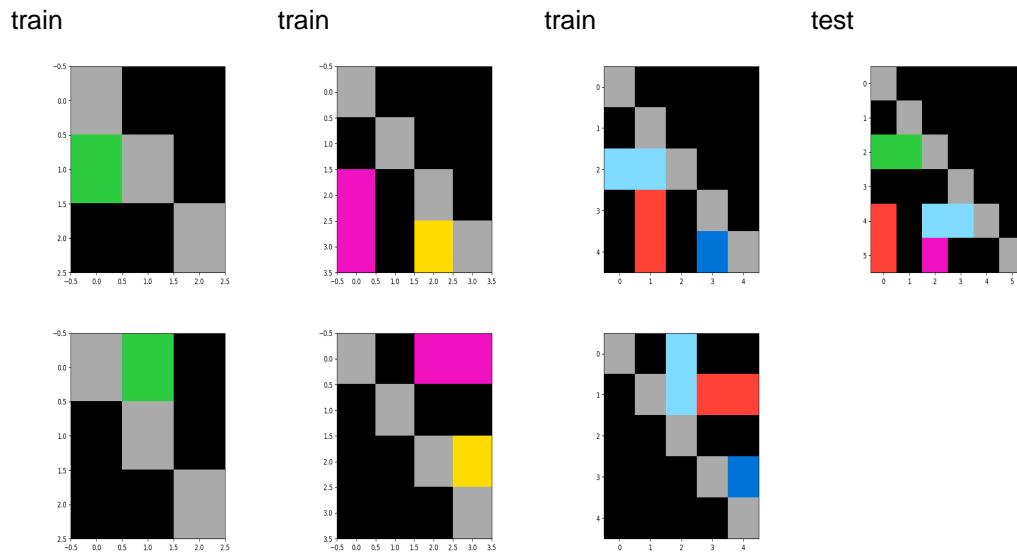


To make the output, you have to...remove the yellow rectangles and replace the color to match the existing pattern

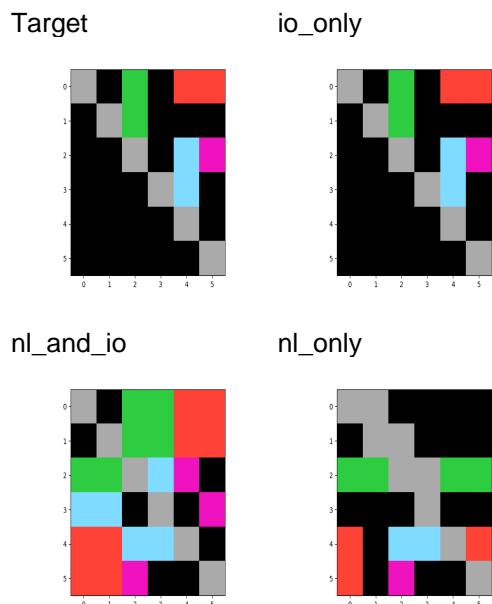


To make the output, you have to...remove the yellow rectangles and replace the all of the yellow squares with the appropriate color in order to create a pattern that is both horizontally and vertically symmetrical

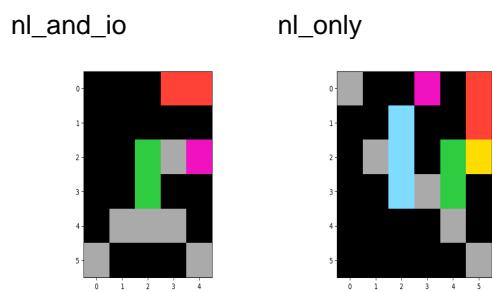
## Task ID: 9dfd6313



## GPT-4 Generations



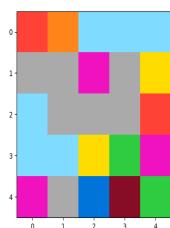
To make the output, you have to...take one side and mirror it to the other side.



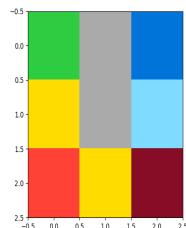
To make the output, you have to...rotate the pattern 90 degrees to the right and then flip it over to its reverse. The output should be a 90 degrees mirror image of the input.

## Task ID: d511f180

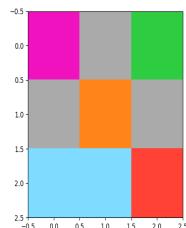
train



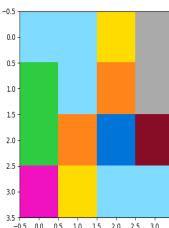
train



train

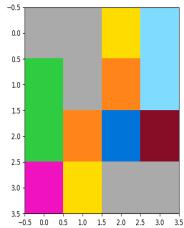


test

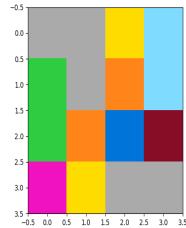


## GPT-4 Generations

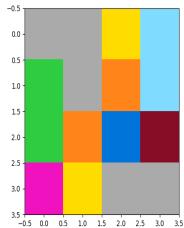
Target



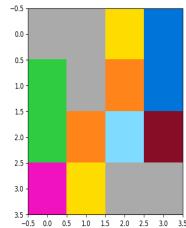
io\_only



nl\_and\_io

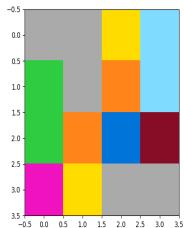


nl\_only

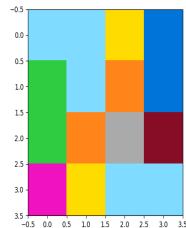


To make the output, you have to...change all the gray squares to light blue and all the light blue squares to gray. Everything else keep same as input.

nl\_and\_io

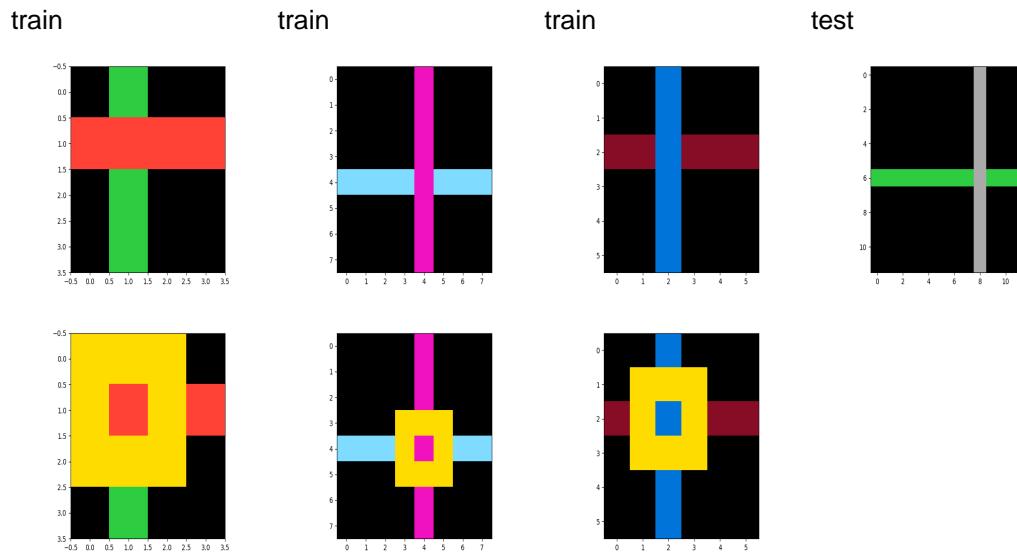


nl\_only

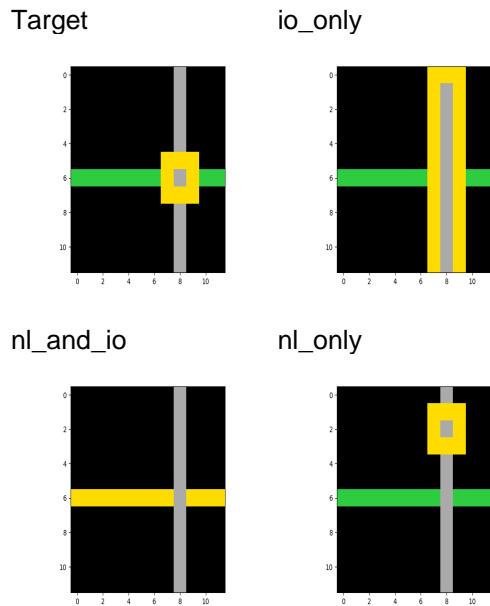


To make the output, you have to...change all gray squares to light blue and all light blue squares to gray. Everything else keep the same as input.

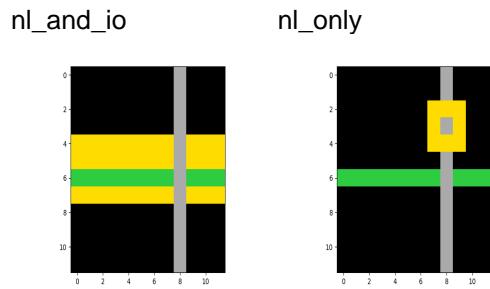
## Task ID: 67a423a3



## GPT-4 Generations

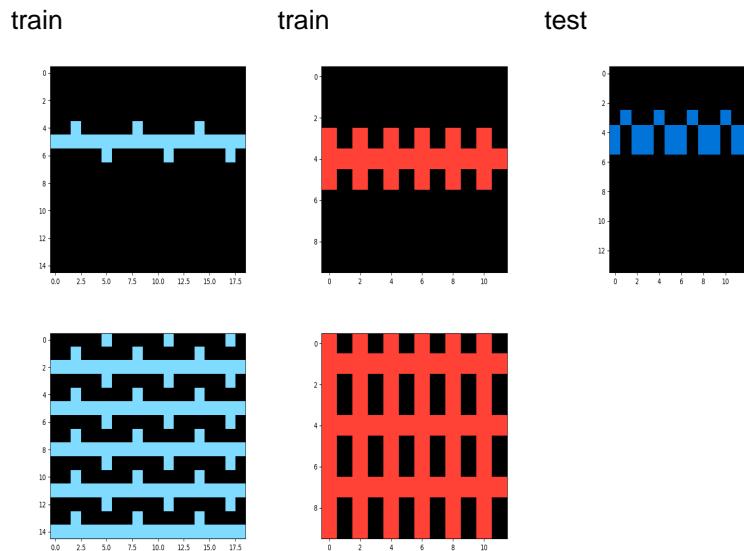


To make the output, you have to...create a yellow square around the point where the two lines meet.

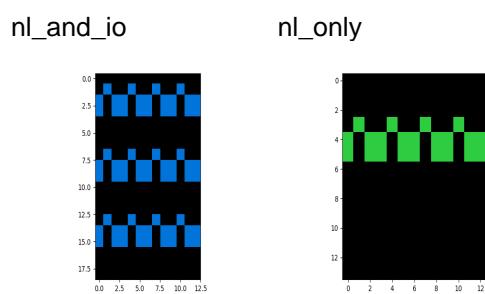
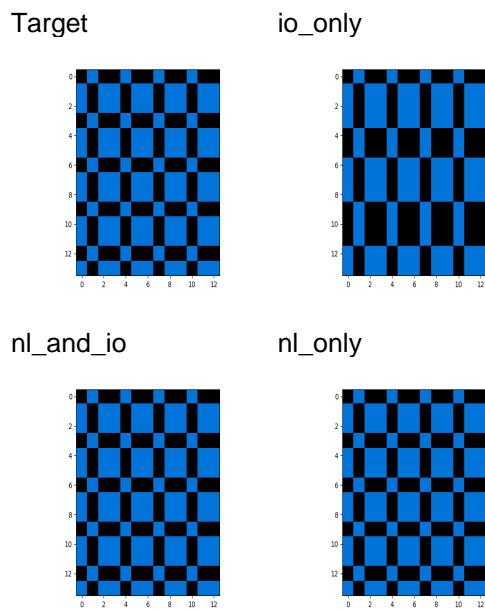


To make the output, you have to... surround the middle point of the intersection with a 3x3 yellow border, leaving the central block in its original color.

## Task ID: 8eb1be9a



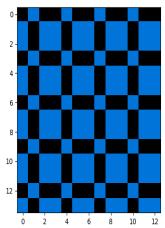
## GPT-4 Generations



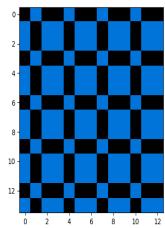
To make the output, you have to...copy the pattern for the whole grid to match the center pattern

To make the output, you have to...common pattern

nl\_and\_io

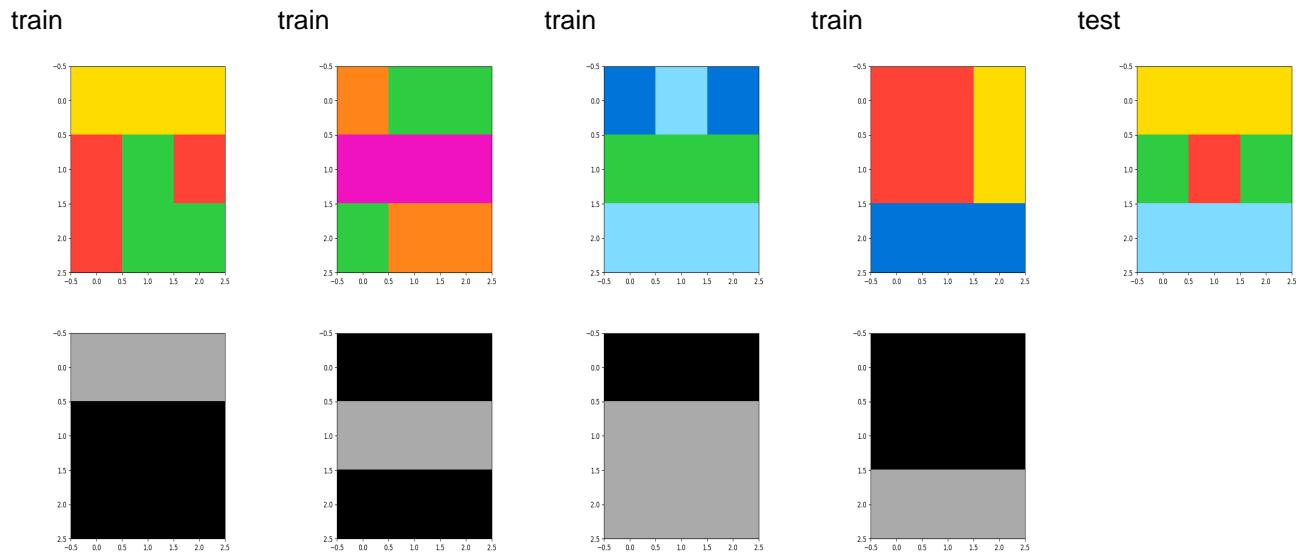


nl\_only

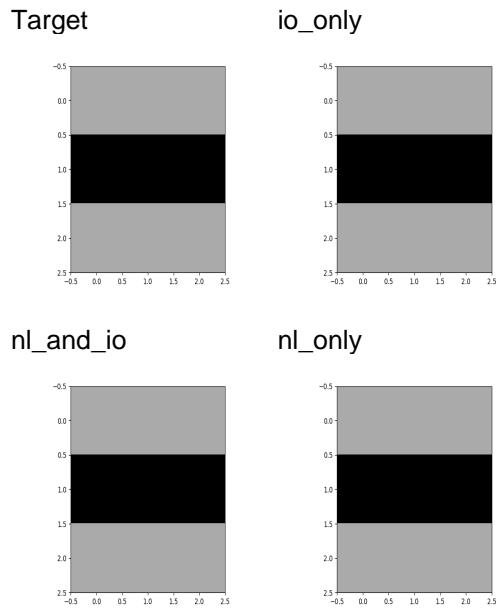


To make the output, you have to... copy the input grid, then copy the exact same pattern to fill in the whole black background.

## Task ID: 25d8a9c8



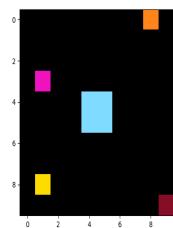
## GPT-4 Generations



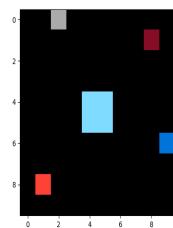
To make the output, you have to...fill the row with grey if the row has the same colors in the input. color the row with black if the row contain different colors.

### **Task ID: d89b689b**

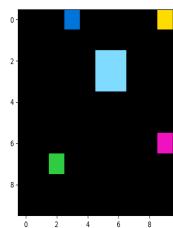
train



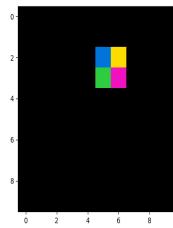
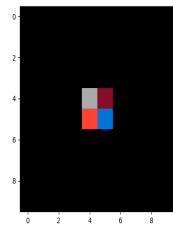
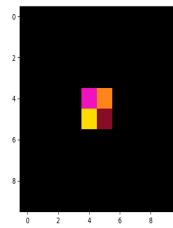
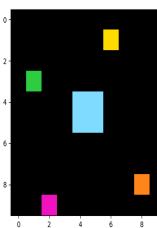
train



train

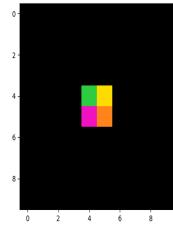


test

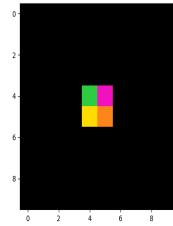


### **GPT-4 Generations**

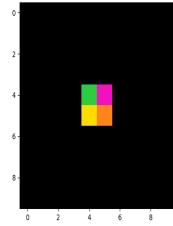
Target



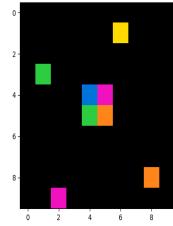
io\_only



nl\_and\_io

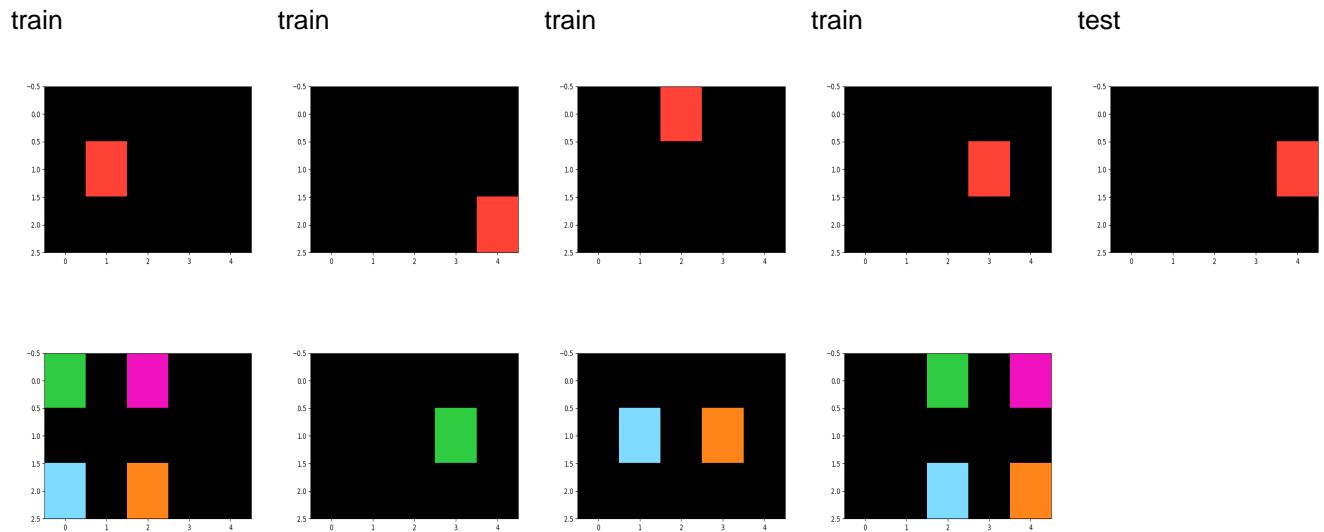


nl\_only

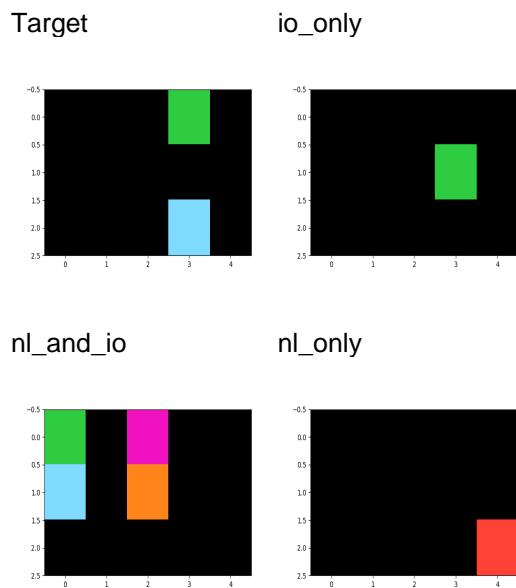


To make the output, you have to...replace 2x2 same grid color with all other four different colors that in input grid. each 2x2 grid color are different in output grid 2x2 .

### Task ID: a9f96cdd

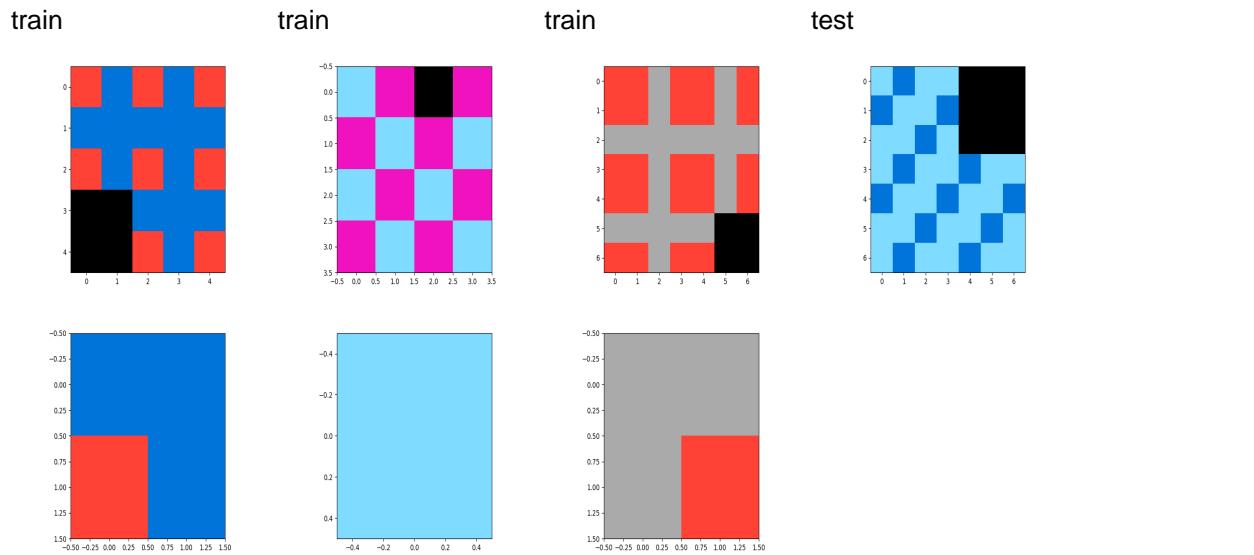


### GPT-4 Generations

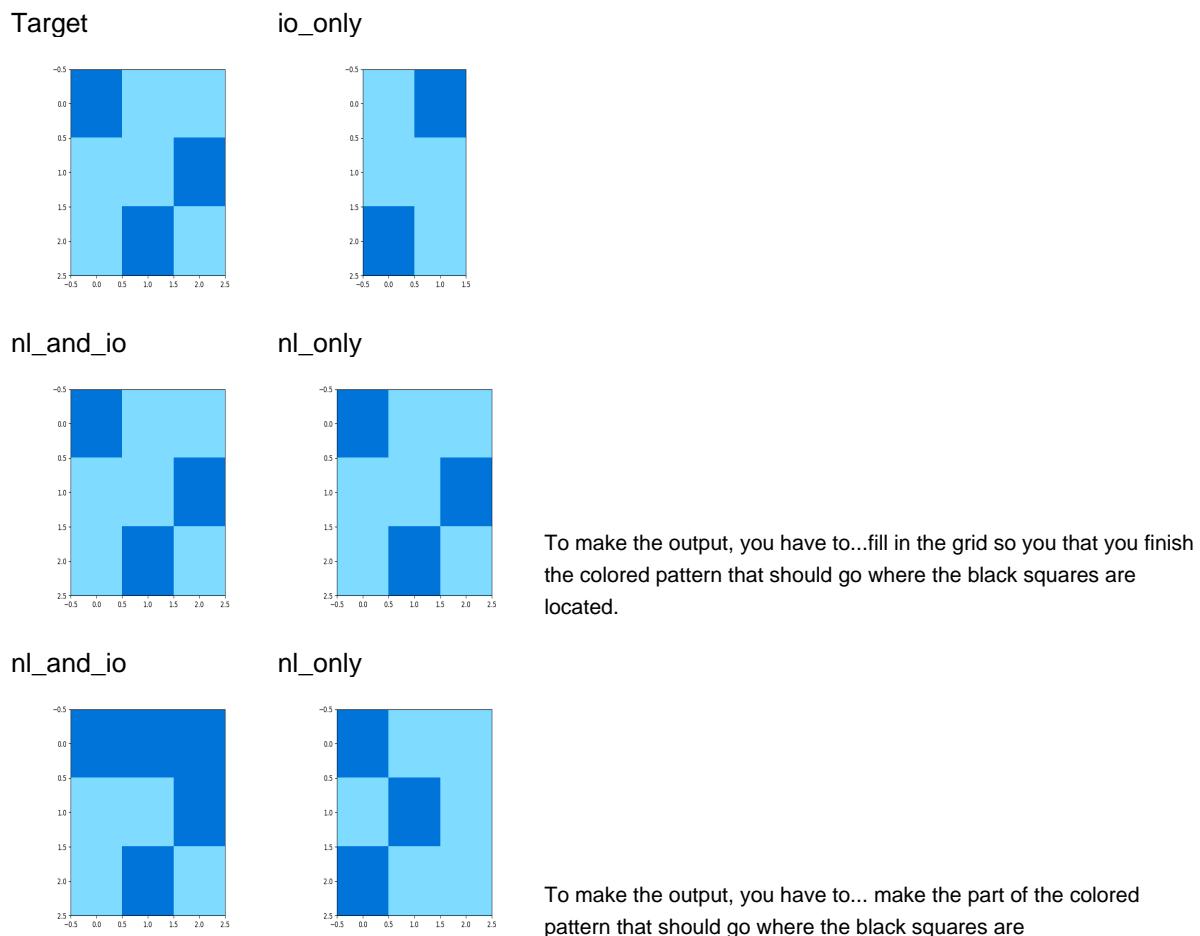


To make the output, you have to...bottom right red square

## Task ID: f9012d9b

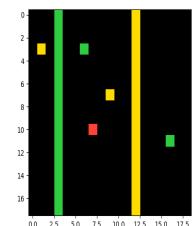


## GPT-4 Generations

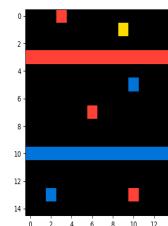


## Task ID: 1a07d186

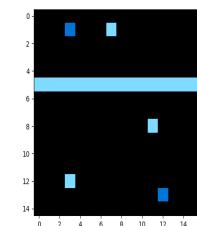
train



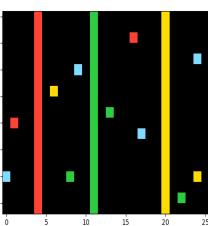
train



train

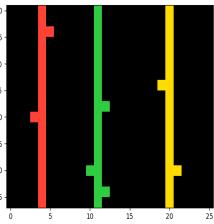


test



## GPT-4 Generations

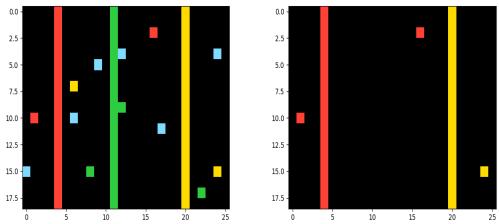
Target



io\_only



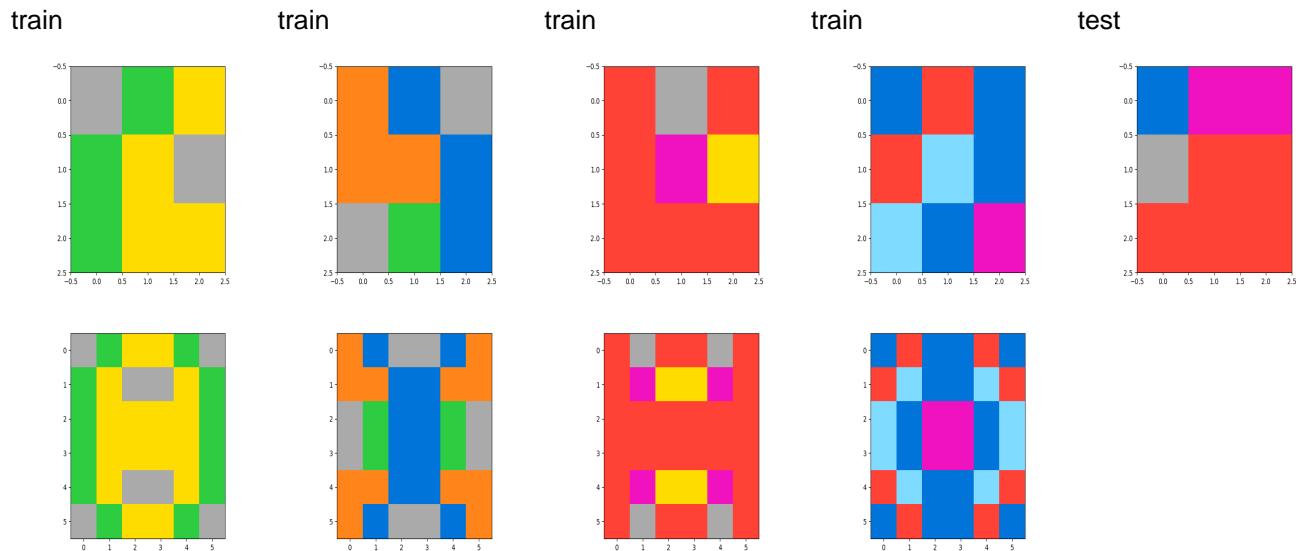
nl\_and\_io



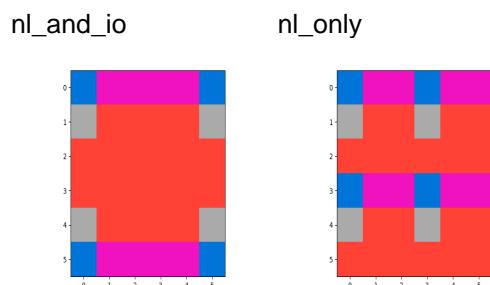
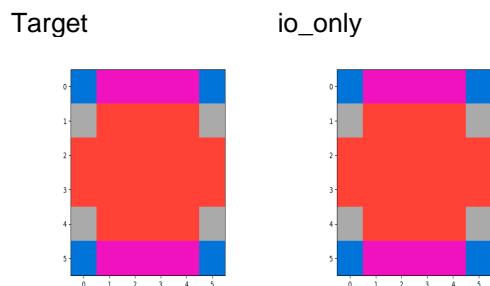
nl\_only

To make the output, you have to...remove the different color that does not match the rest. move the single squares so they are in the same horizontal or vertical place depending if it is a vertical or horizontal line and have them touch the same side the single squares were on.

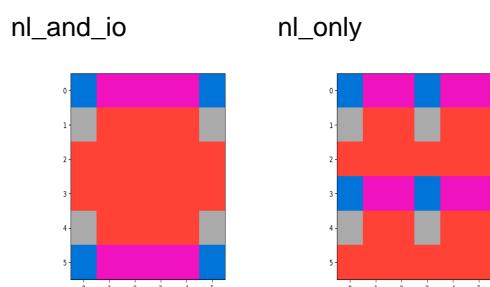
## Task ID: 67e8384a



## GPT-4 Generations

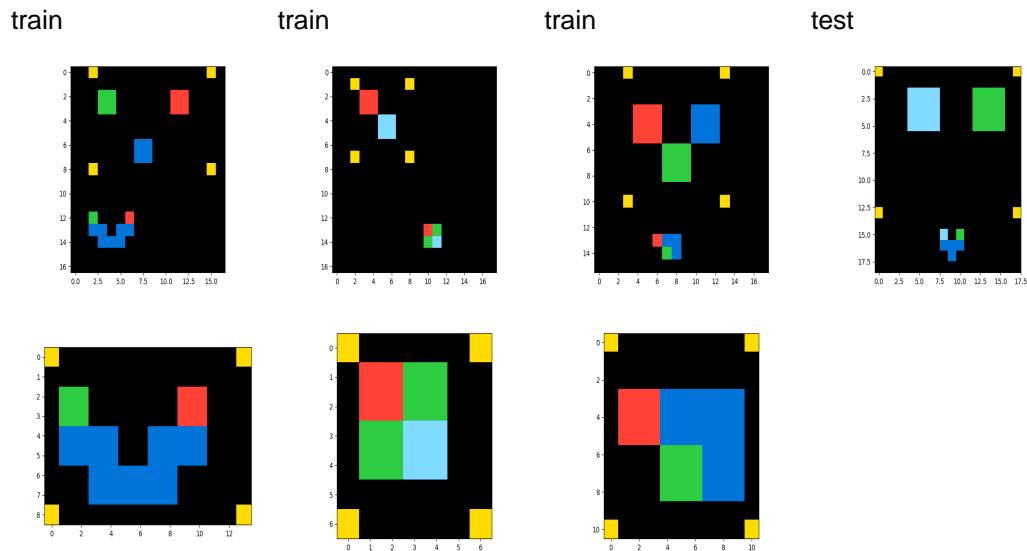


To make the output, you have to... copy-paste the pattern in each corner. the pattern on the bottoms flips parallel to the top

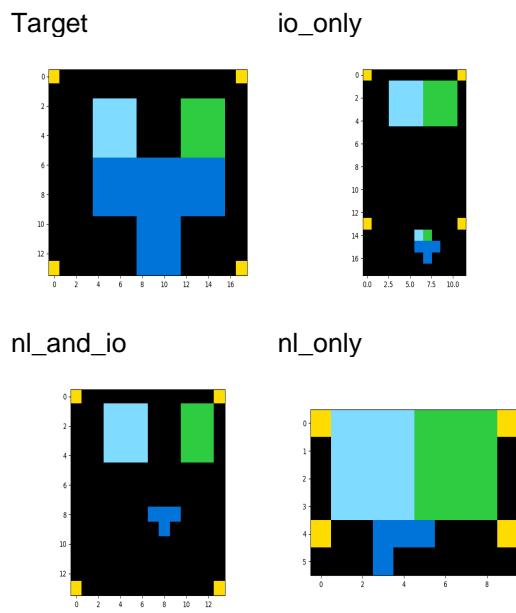


To make the output, you have to...copy-paste the pattern in each corner. The pattern on the bottoms flips parallel to the top.

### Task ID: 8a004b2b

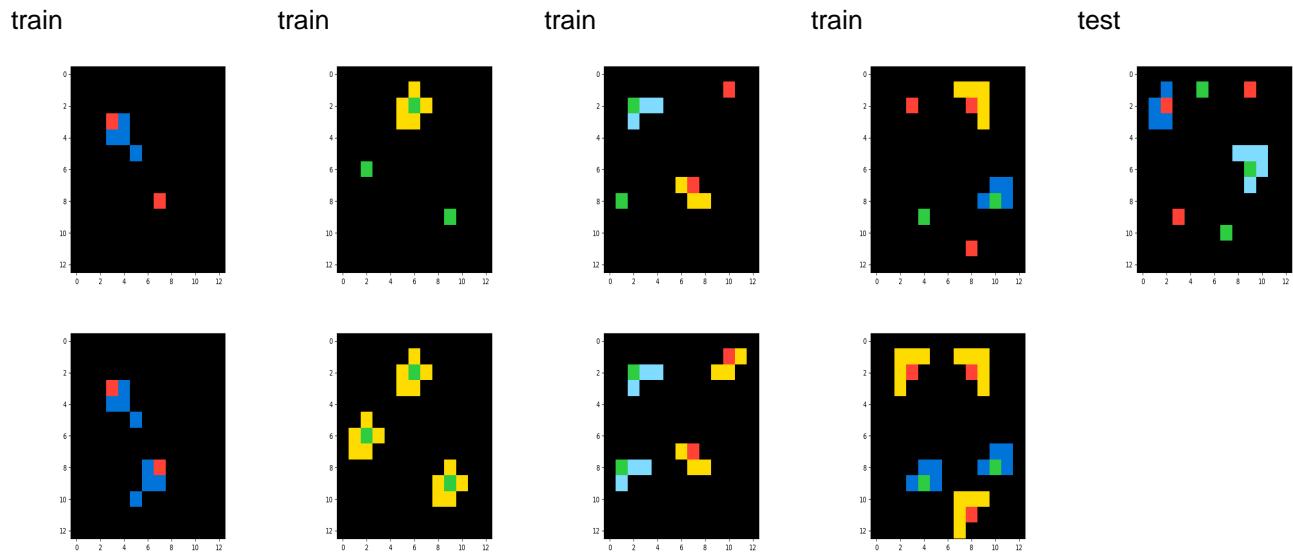


### GPT-4 Generations

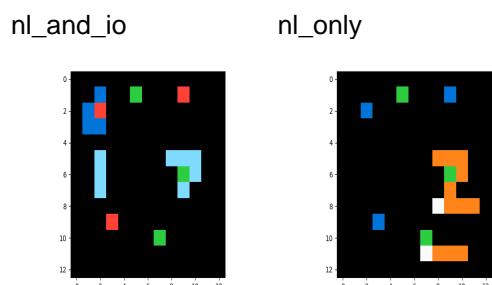
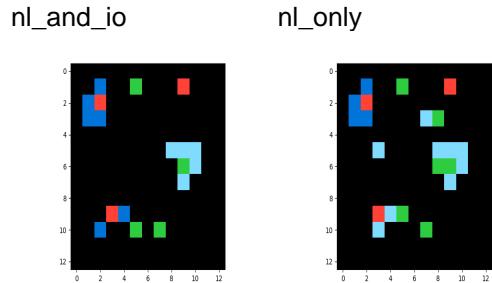
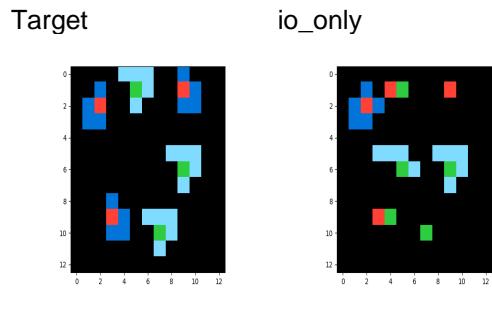


To make the output, you have to...recreate the pattern outside the yellow corner squares within the yellow corner squares with provided starting shapes

## Task ID: 3e980e27



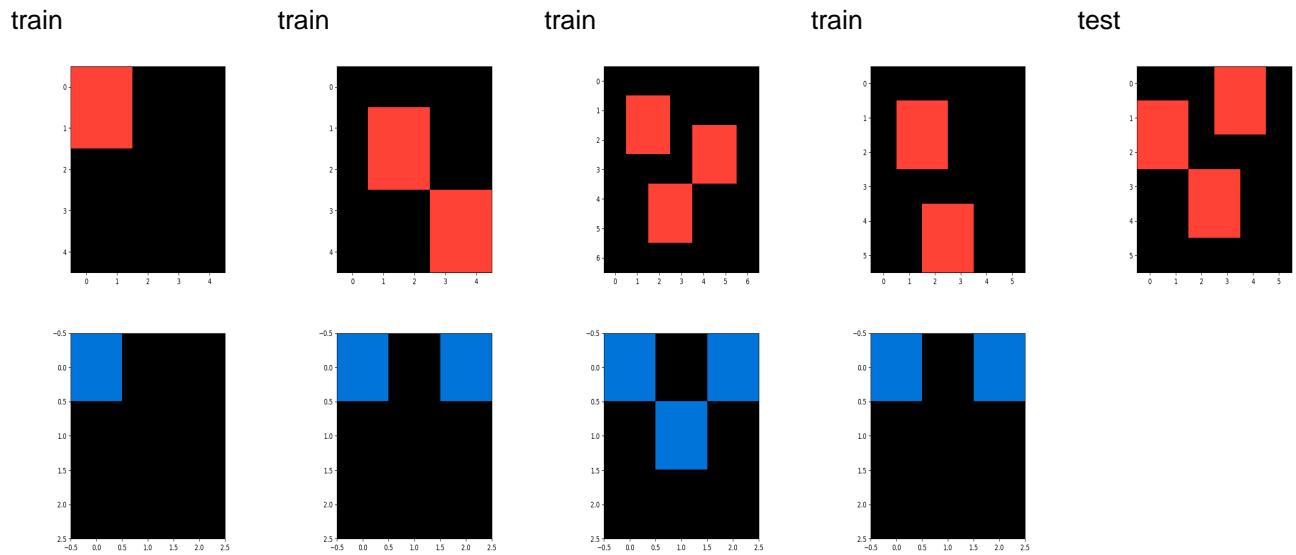
## GPT-4 Generations



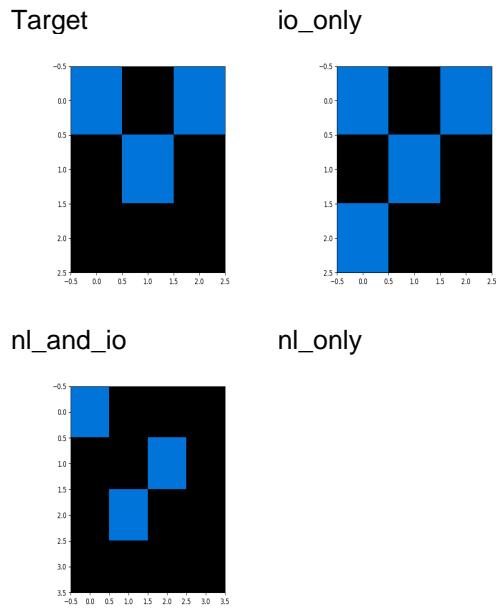
To make the output, you have to...copy the input. For the green blocks that have nothing around them, make the same placement of blocks around them as the green block from the input that has blocks around it. If there are red blocks with nothing around them in the end result you want to make them be a mirrored image of the input red block, making the colors around the red block go in the opposite direction in on the horizontal.

To make the output, you have to...copy the placement and color of the pixels surrounding the red or green pixels that are not alone to the pixels that are alone. If the pixel is green the placement and color of the surrounding pixels should be the same as the surrounded green pixel. This should be applied to all solo green pixels. The same should be done with the red pixels, but the placement of the surrounding pixels should be mirrored horizontally.

## Task ID: ff28f65a

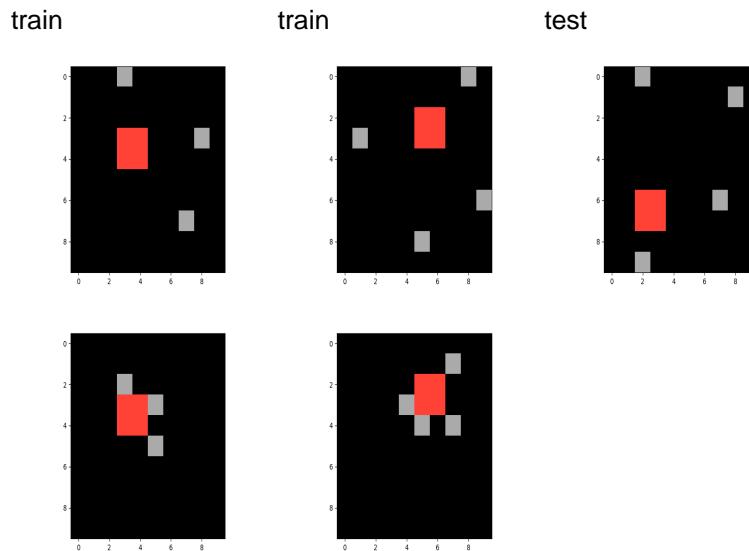


## GPT-4 Generations

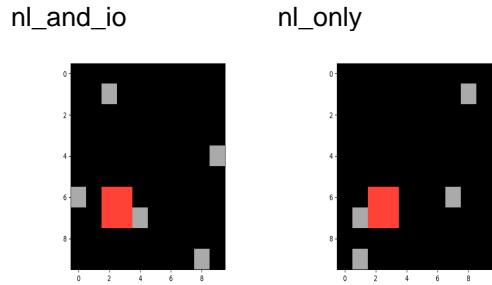
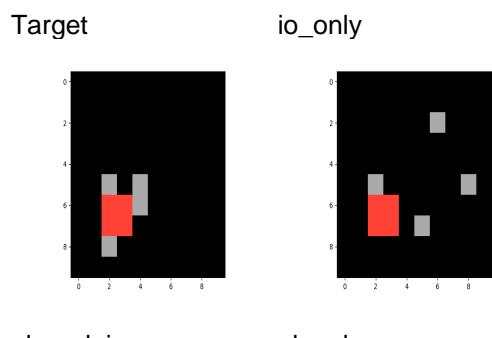


To make the output, you have to... change the color

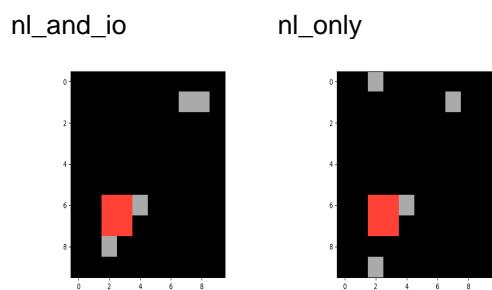
## Task ID: a48eeaf7



## GPT-4 Generations



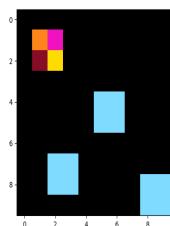
To make the output, you have to...simply move the gray boxes toward the red boxes taking the most direct route possible. The gray boxes are then placed wherever they touch a red box in some way.



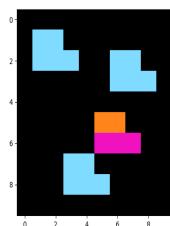
To make the output, you have to...move the blocks until they touch the red square on the same line

## Task ID: 321b1fc6

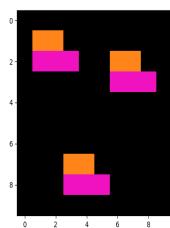
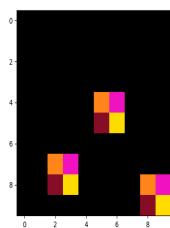
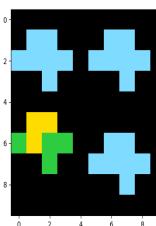
train



train

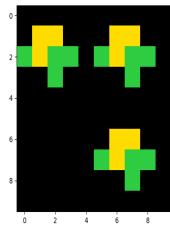


test

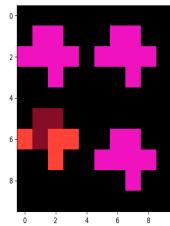


## GPT-4 Generations

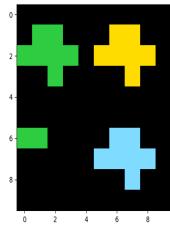
Target



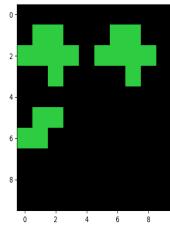
io\_only



nl\_and\_io

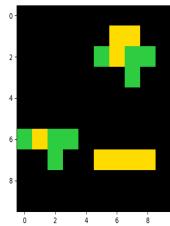


nl\_only

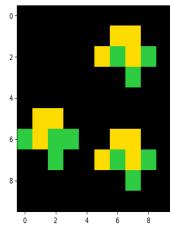


To make the output, you have to...change the colors of all the single-colored structures to the multi-colored. Then change the original multi-colored structure to all black.

nl\_and\_io



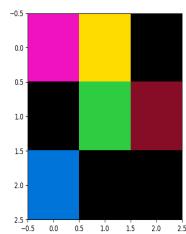
nl\_only



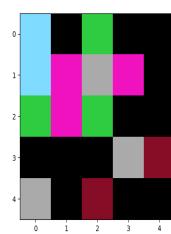
To make the output, you have to... REPLACE the solid colored patterns with the multi-colored versions, so each pattern has the same coloring. THEN REMOVE the original multi-colored pattern by replacing it entirely with black tiles.

## Task ID: d23f8c26

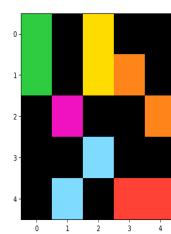
train



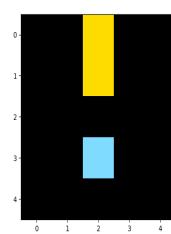
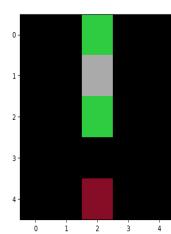
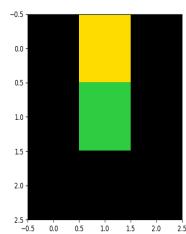
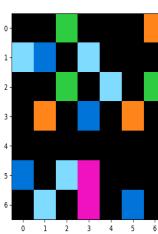
train



train

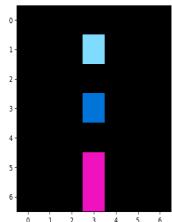


test

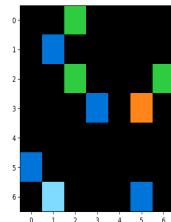


## GPT-4 Generations

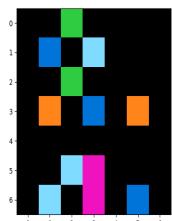
Target



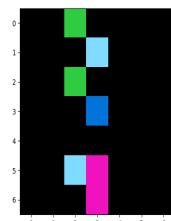
io\_only



nl\_and\_io

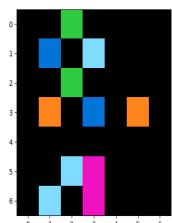


nl\_only

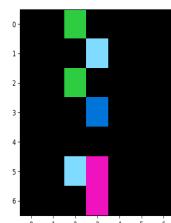


To make the output, you have to... turn everything black, but keep the middle vertical line of colored squares.

nl\_and\_io



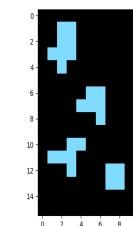
nl\_only



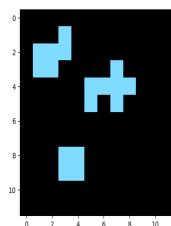
To make the output, you have to...keep the vertical middle line of squares the same, and color the rest of the squares black.

## Task ID: d0f5fe59

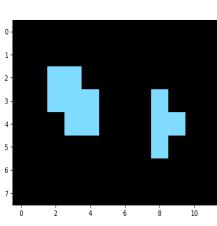
train



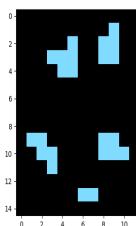
train



train

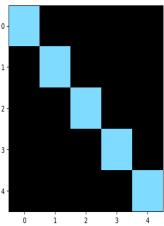


test

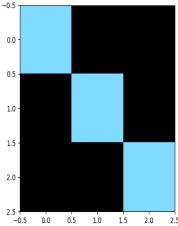


## GPT-4 Generations

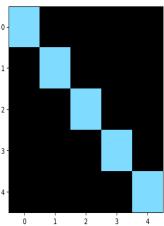
Target



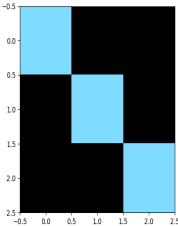
io\_only



nl\_and\_io



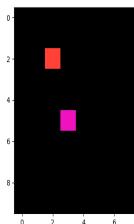
nl\_only



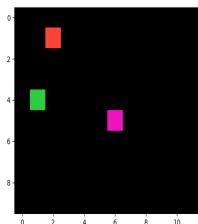
To make the output, you have to...take the same color as the shapes in the input grid and create a line from the top left corner to the base right corner

## Task ID: 97999447

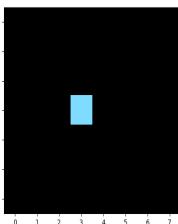
train



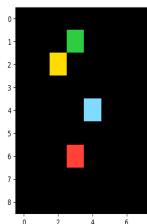
train



train

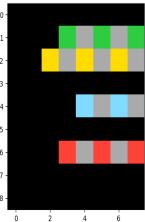


test

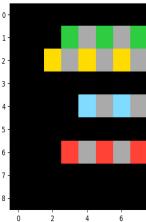


## GPT-4 Generations

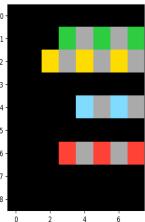
Target



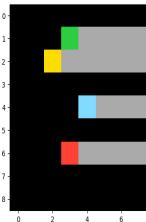
io\_only



nl\_and\_io

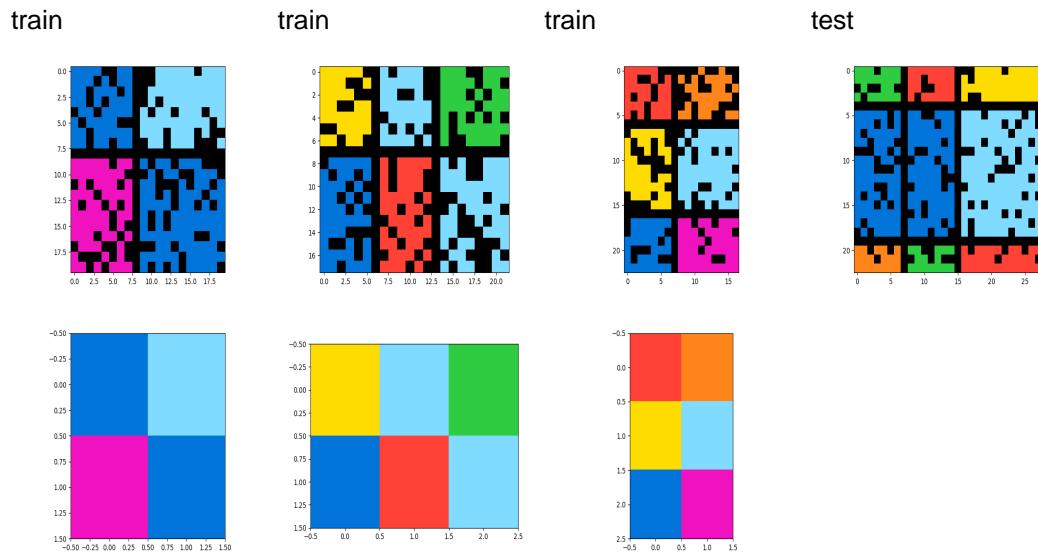


nl\_only

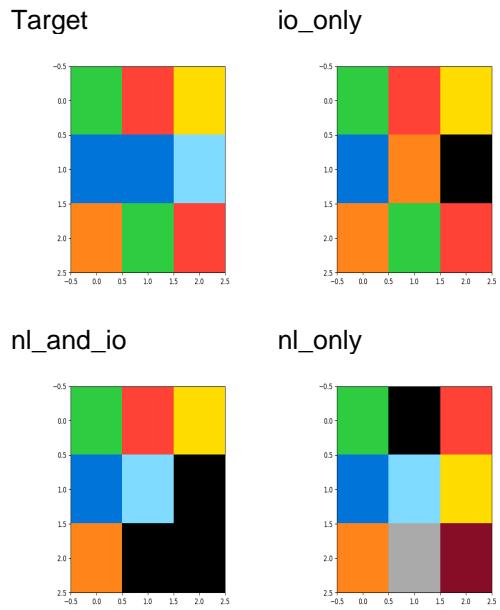


To make the output, you have to... alternate to the RIGHT of the colored tile with light grey and the original color UNTIL it reaches the rightmost side of the grid, REPEAT this for each applicable colored tile.

## Task ID: 780d0b14



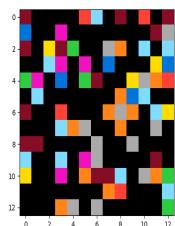
## GPT-4 Generations



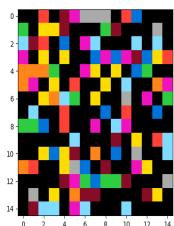
To make the output, you have to...put each color in one square that match their position in the big picture

## Task ID: 9edfc990

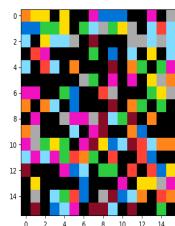
train



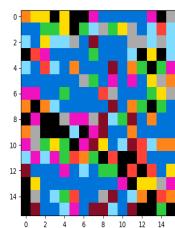
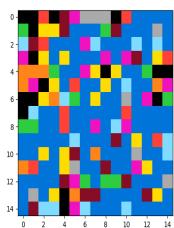
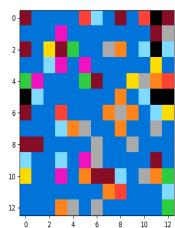
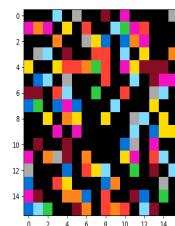
train



train

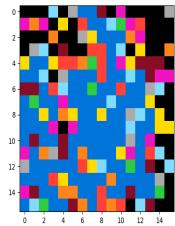


test

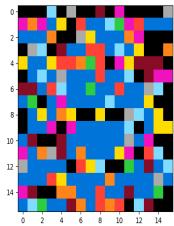


## GPT-4 Generations

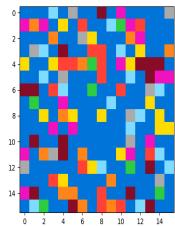
Target



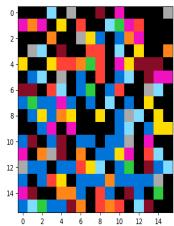
io\_only



nl\_and\_io



nl\_only



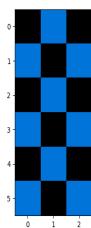
To make the output, you have to...copy the input and fill in any spaces that have with blue that have blue touching black.

## Task ID: 017c7c7b

train



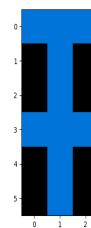
train



train

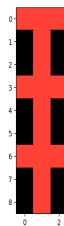


test

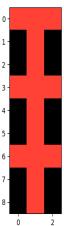


## GPT-4 Generations

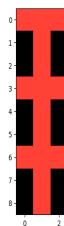
Target



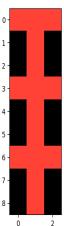
io\_only



nl\_and\_io

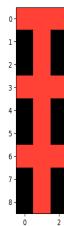


nl\_only

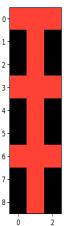


To make the output, you have to...keep the original pattern, change the blue to red, and then continue the pattern in the new 3 rows.

nl\_and\_io

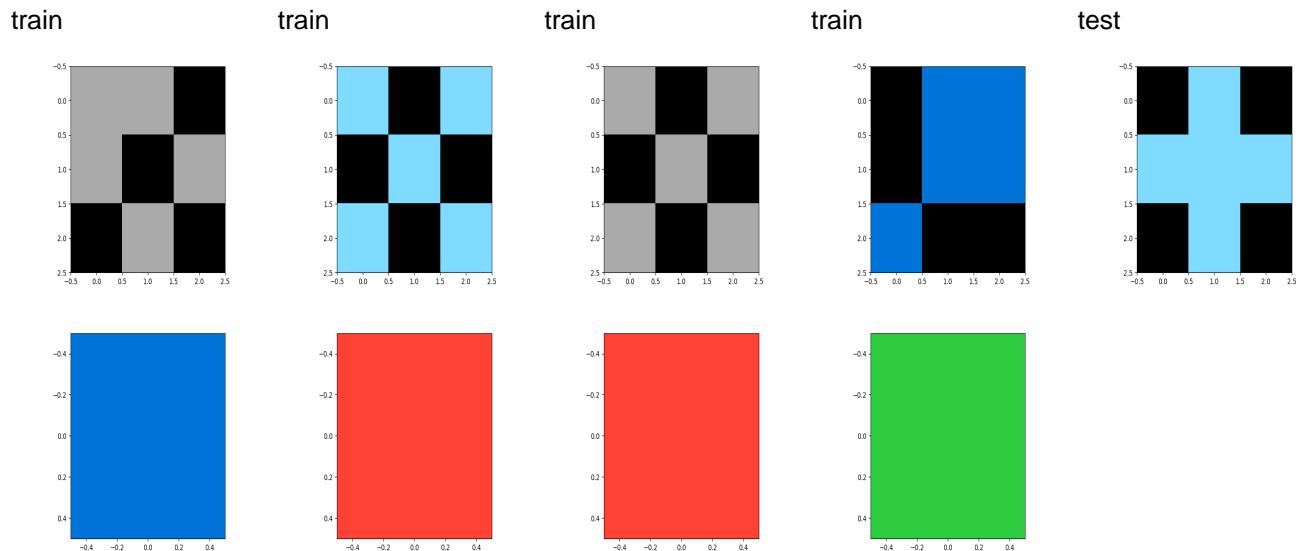


nl\_only

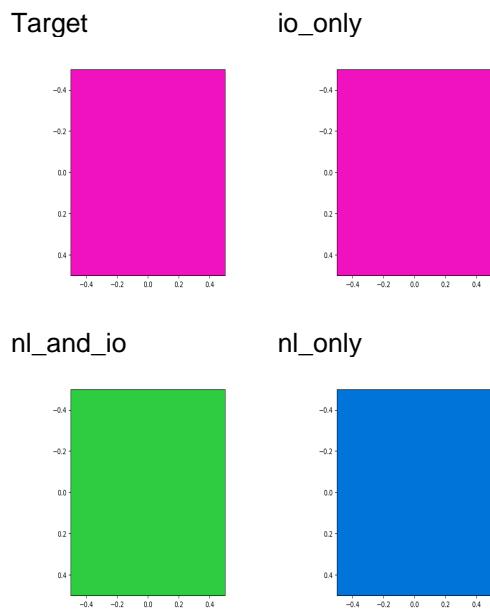


To make the output, you have to...keep the original pattern, change the blue to red, and then continue the pattern in the new 3 rows.

## Task ID: 27a28665

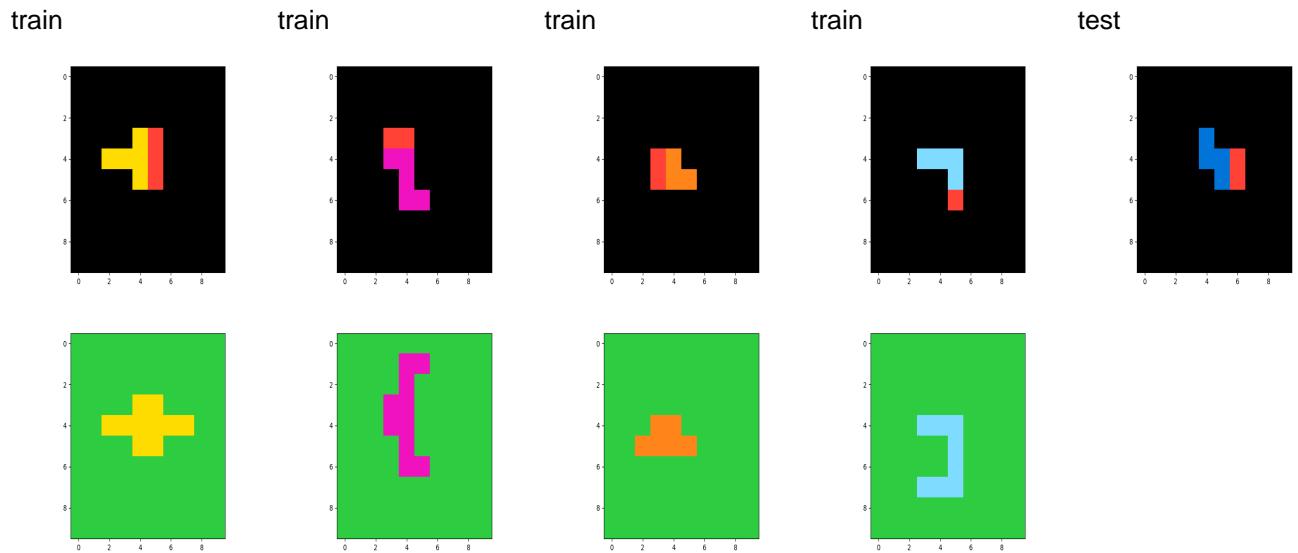


## GPT-4 Generations

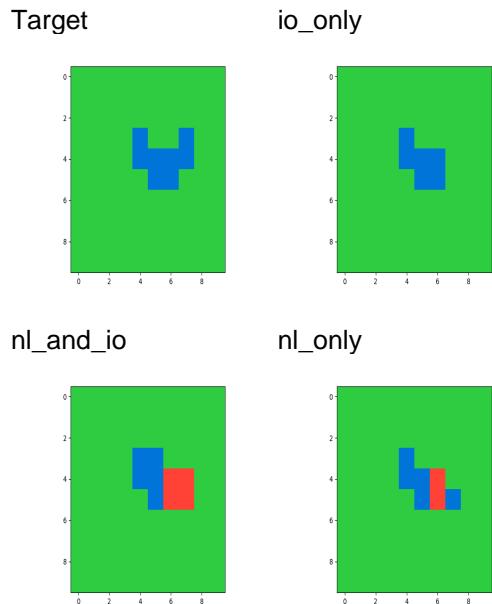


To make the output, you have to...see which design you have. if you have two black lines that are 2 squares long, one coming down from the top left, and one going left from the bottom right, your output will be a green square.If you have a grey cross that is filled in, your output is a magenta square. If you have a black cross, with the middle square filled in with a different color, your output will be an orangey red. If you have a cross of a different color, with the middle square black, and the upper left square filled in with the color as well, then your output will be a blue square.

## Task ID: 2bcee788



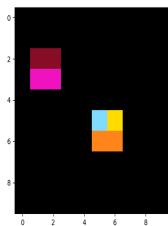
## GPT-4 Generations



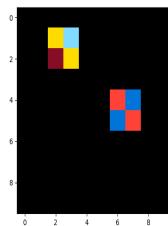
To make the output, you have to...change the background to green. The object should have 2 colors red and some other color. From the input, take the color that is not red and copy it exactly as it is. You want to make another copy of that color but make it a mirrored image in the direction of the red block.

## Task ID: fcc82909

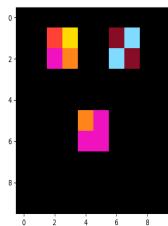
train



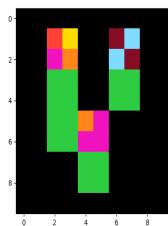
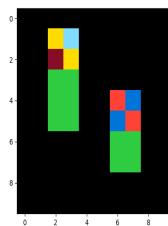
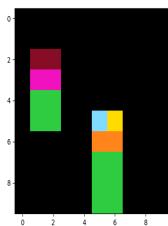
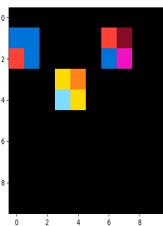
train



train

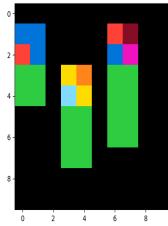


test

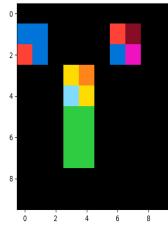


## GPT-4 Generations

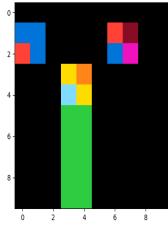
Target



io\_only



nl\_and\_io

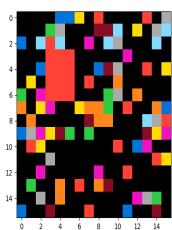


nl\_only

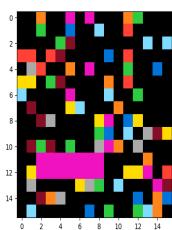
To make the output, you have to...solved the task description

## Task ID: 91714a58

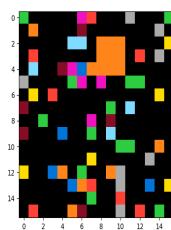
train



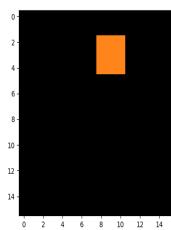
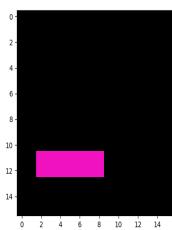
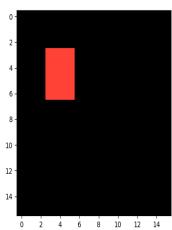
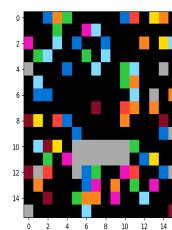
train



train

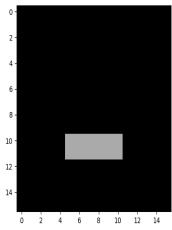


test

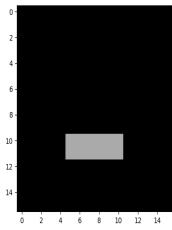


## GPT-4 Generations

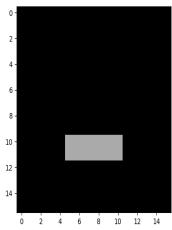
Target



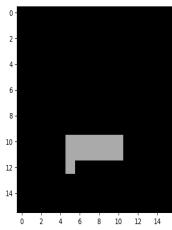
io\_only



nl\_and\_io

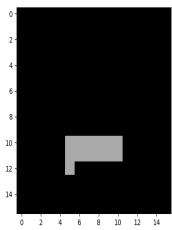


nl\_only

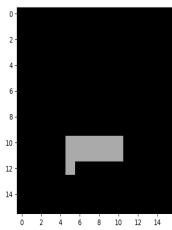


To make the output, you have to... copy the size and position of the solid block, so you have the block on a black background.

nl\_and\_io

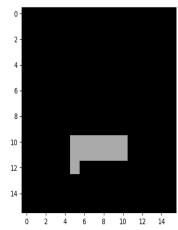


nl\_only

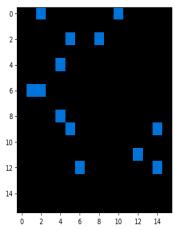


To make the output, you have to... Turn everything black except for the 4x3 box of one color.

nl\_and\_io

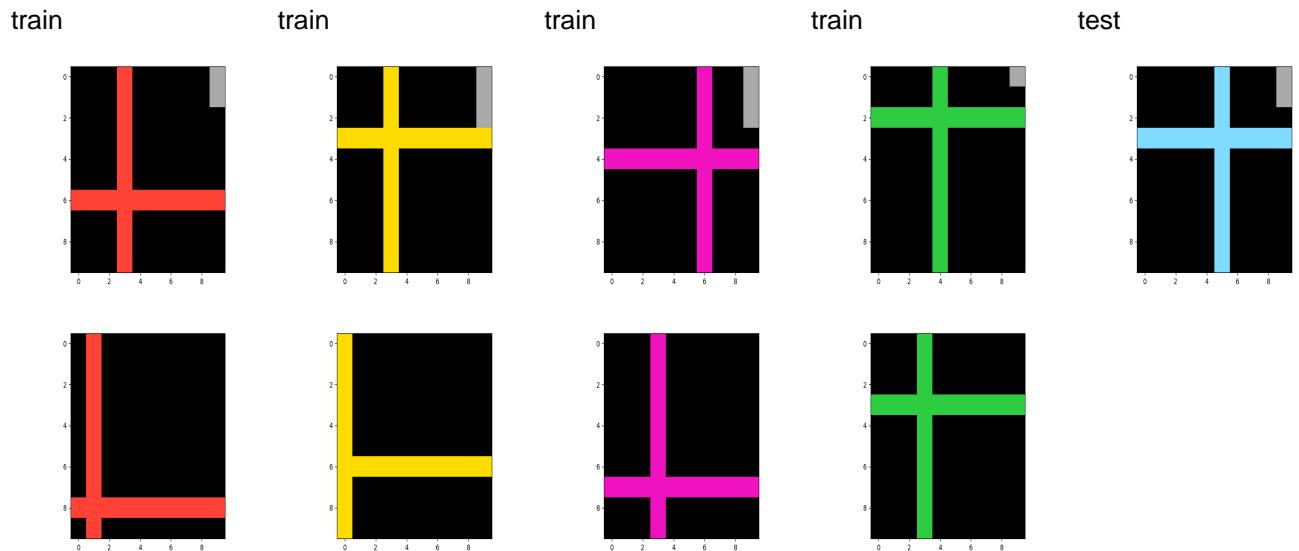


nl\_only

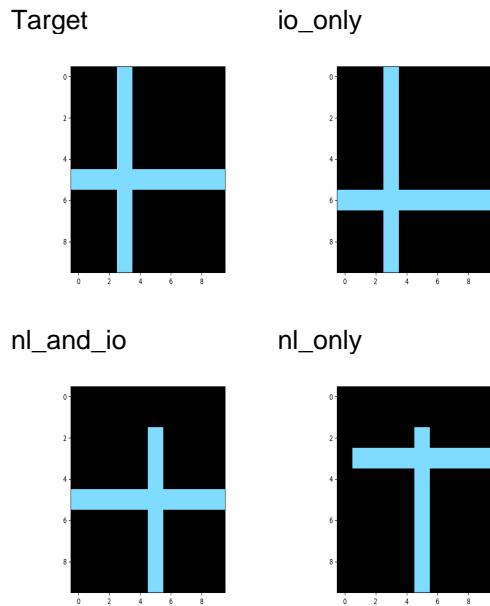


To make the output, you have to...reproduce the large pattern with a black back ground

## Task ID: e48d4e1a

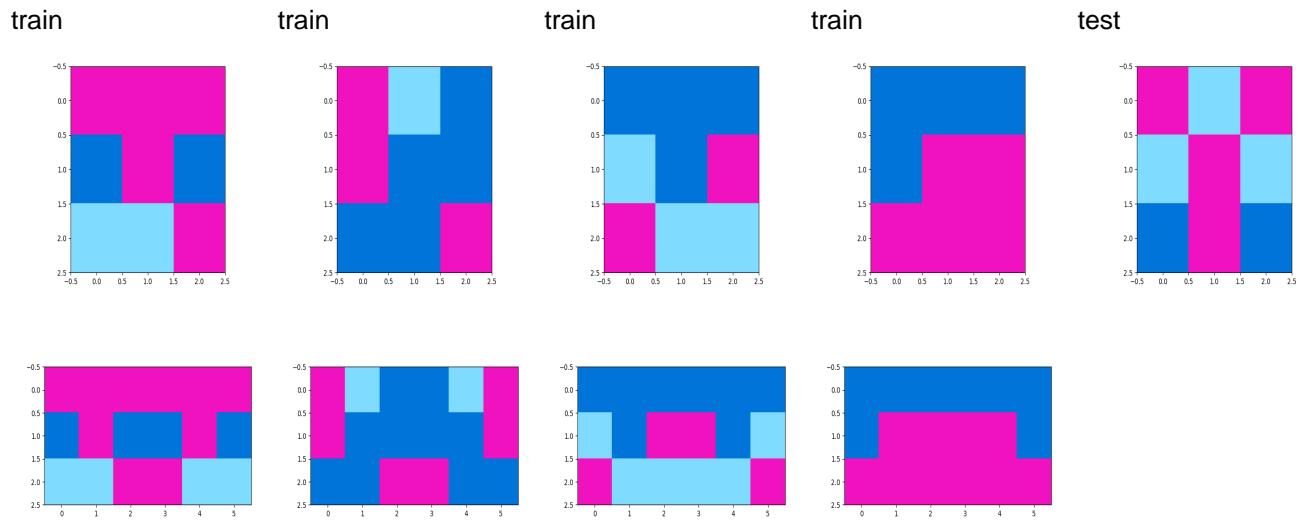


## GPT-4 Generations

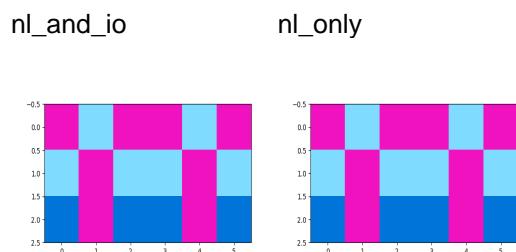
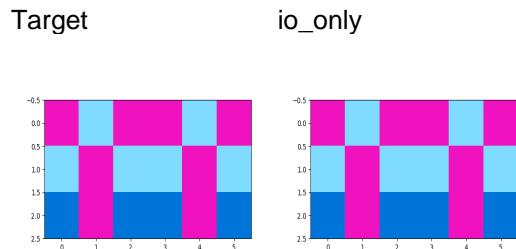


To make the output, you have to... First, copy the input grid but make the background all black, with no grey grid. Then, count the grey grid at the top right corner in the input grid. Next, move the horizontal line down according to the number of the grey grid and move the vertical line according to the number of the grey grid and draw it on the output grid (for example, if the grey grid is 1, then move the lines down or to the left by 1 grid)

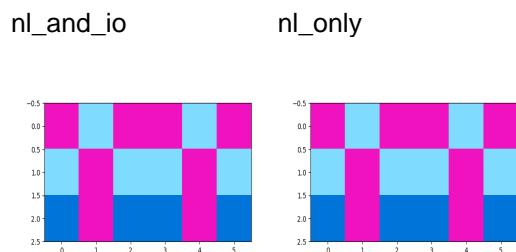
## Task ID: 6d0aefbc



## GPT-4 Generations

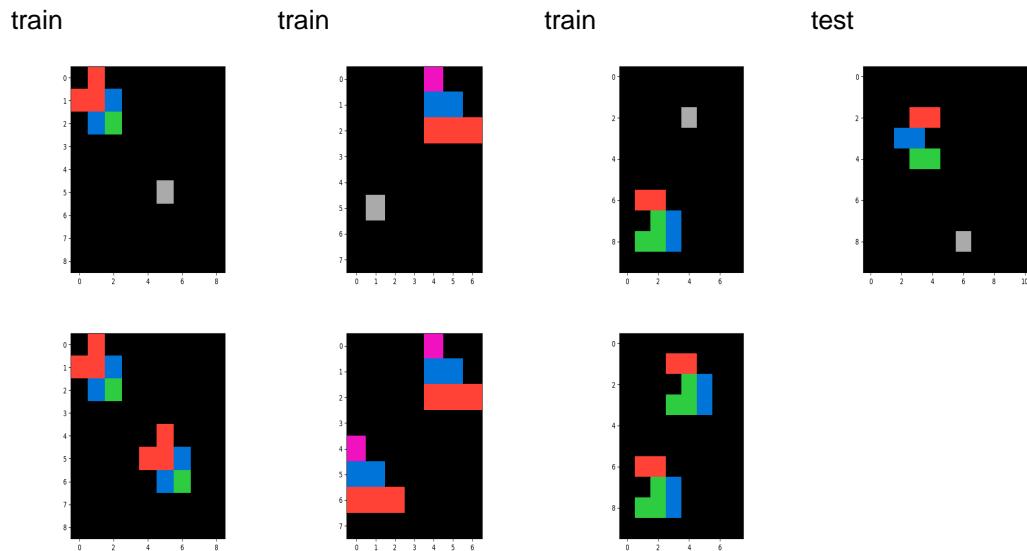


To make the output, you have to... copy the grid and reflect on the other half

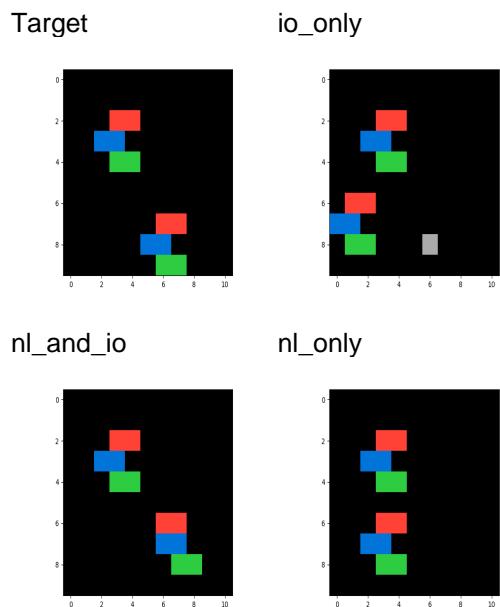


To make the output, you have to...copy the grid and reflect it on the other half.

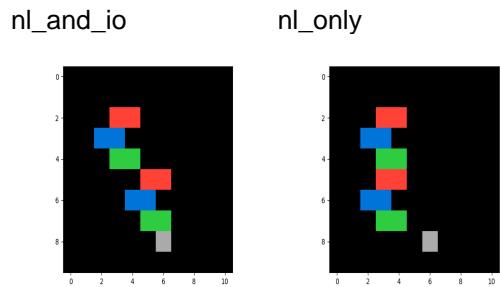
## Task ID: 88a10436



## GPT-4 Generations

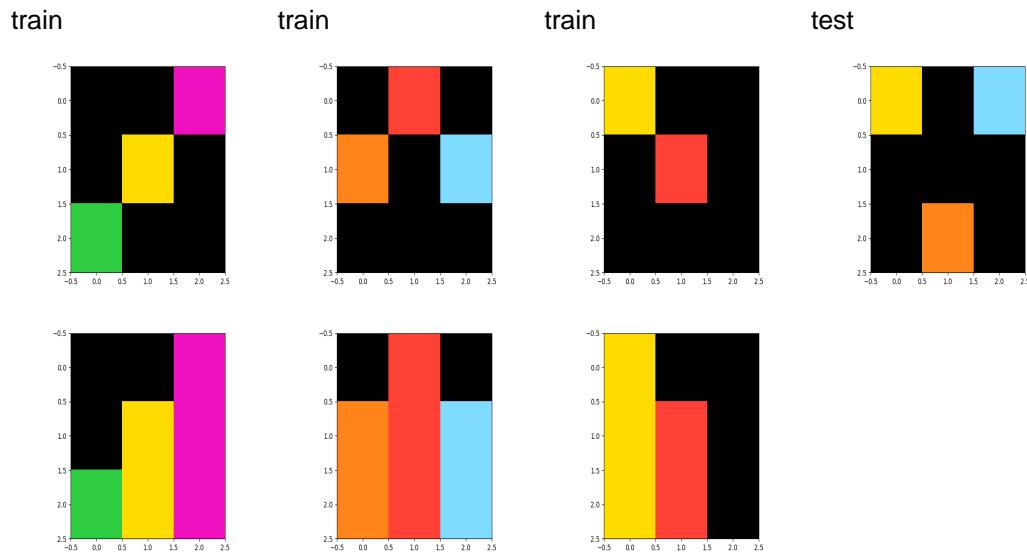


To make the output, you have to... copy the input. Then, copy the colorful shape and paste it on top of the gray square, making sure the center of the shape is directly above the square.

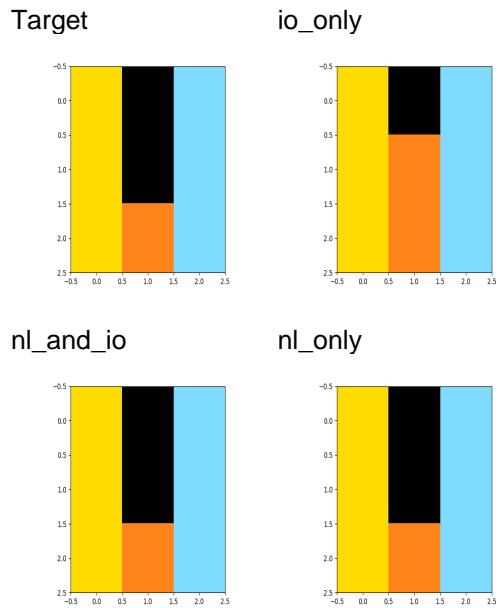


To make the output, you have to... copy the input 3x3 multi-colored shape ontop of the gray square, this square comprises the MIDDLE of the 3x3 copy

## Task ID: d037b0a7

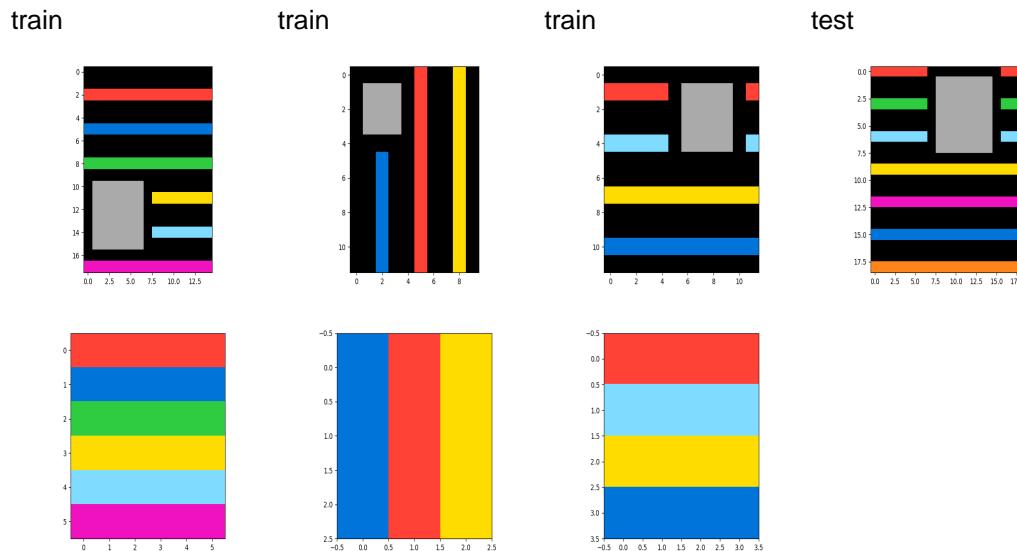


## GPT-4 Generations

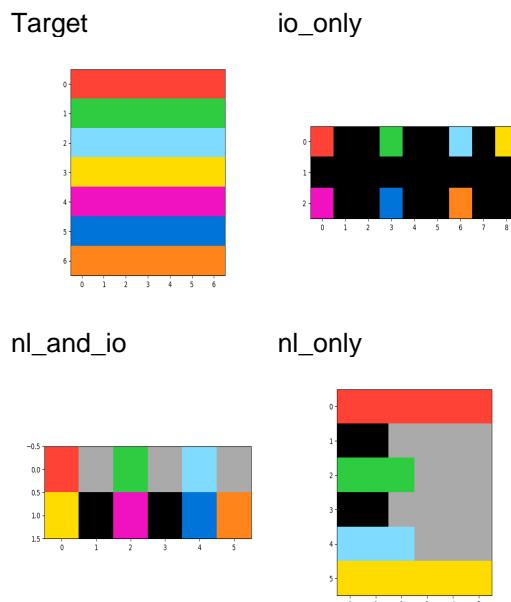


To make the output, you have to...wherever you see a color other than black make squares below that color the same color down to the border

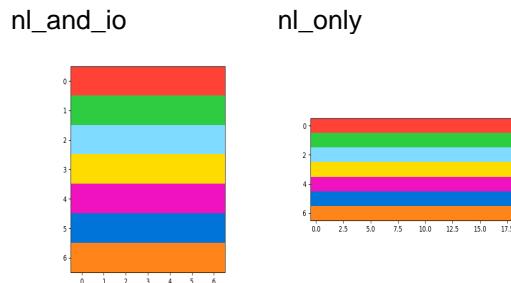
## Task ID: 8e1813be



## GPT-4 Generations

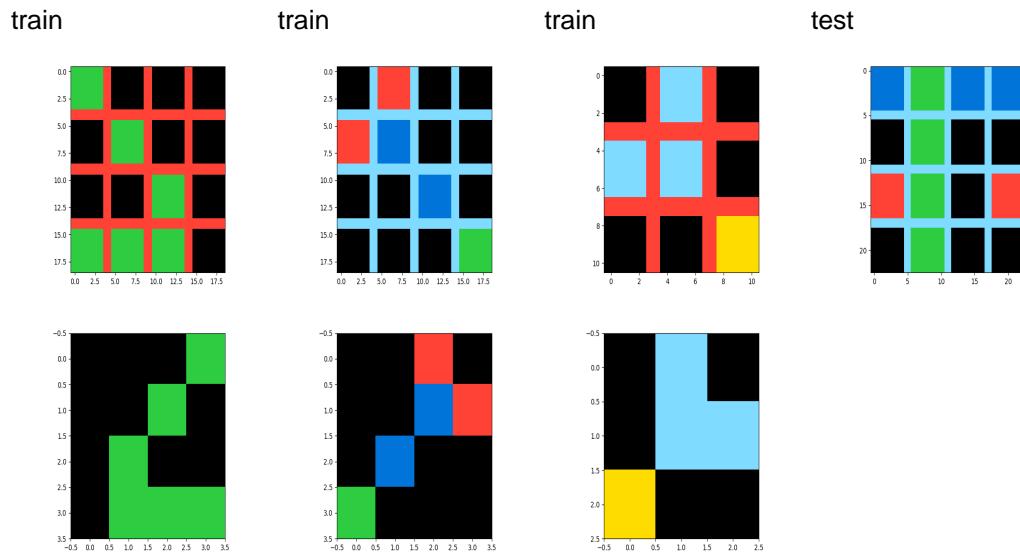


To make the output, you have to...color the boxes

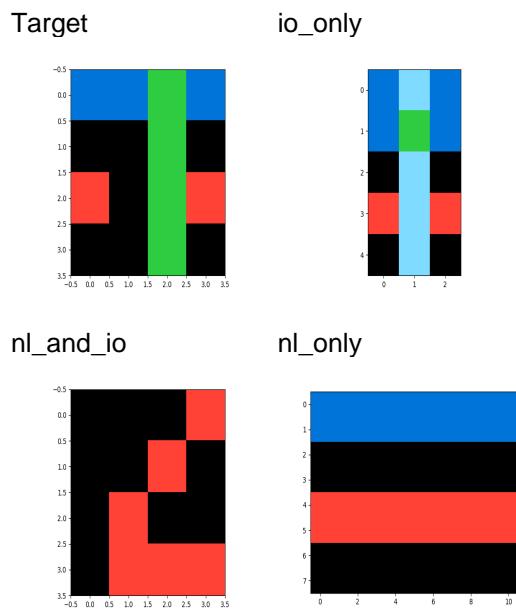


To make the output, you have to...repeat the color lines in the same horizontal or vertical order as they appear in the input. The lines should go all the way across the grid to form stripes that are in the same color order and orientation as the input.

## Task ID: 9f236235



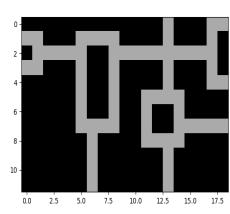
## GPT-4 Generations



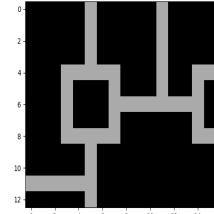
To make the output, you have to...avoid the lines that create the boxes, and instead focus on the pattern. Copy the pattern so that it is mirrored horizontally (left to right). You should end up with only the design from the input.

## Task ID: e73095fd

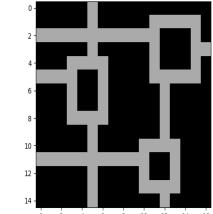
train



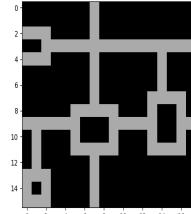
train



train

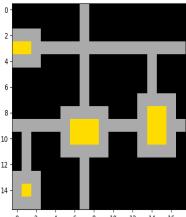


test

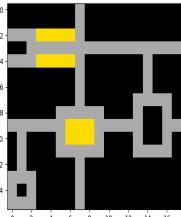


## GPT-4 Generations

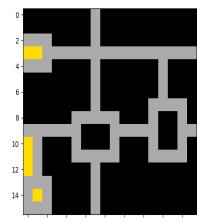
Target



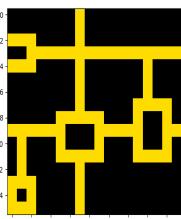
io\_only



nl\_and\_io

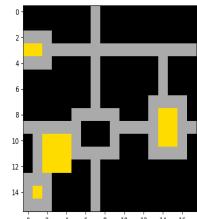


nl\_only

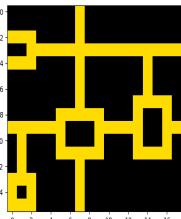


To make the output, you have to...fill the nodes with yellow.

nl\_and\_io



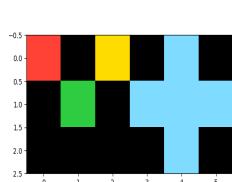
nl\_only



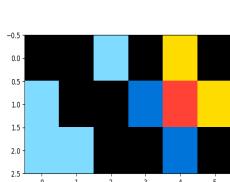
To make the output, you have to... fill in gray squares with yellow

## Task ID: b190f7f5

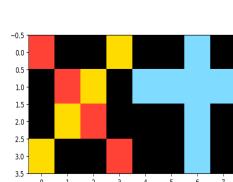
train



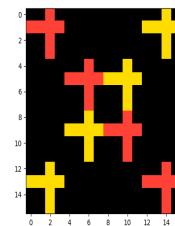
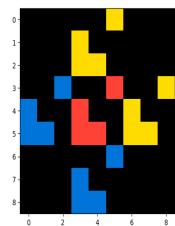
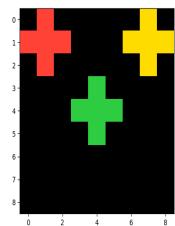
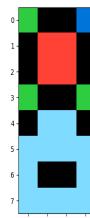
train



train

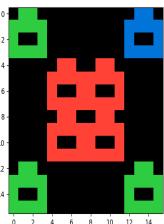


test



## GPT-4 Generations

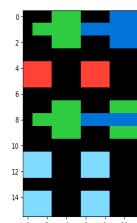
Target



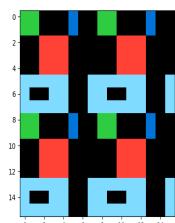
io\_only



nl\_and\_io

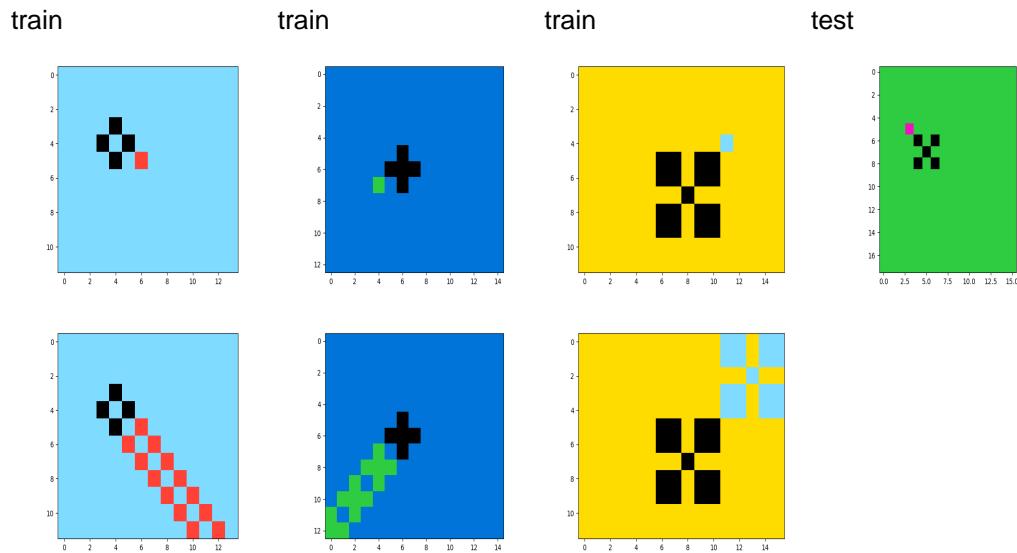


nl\_only

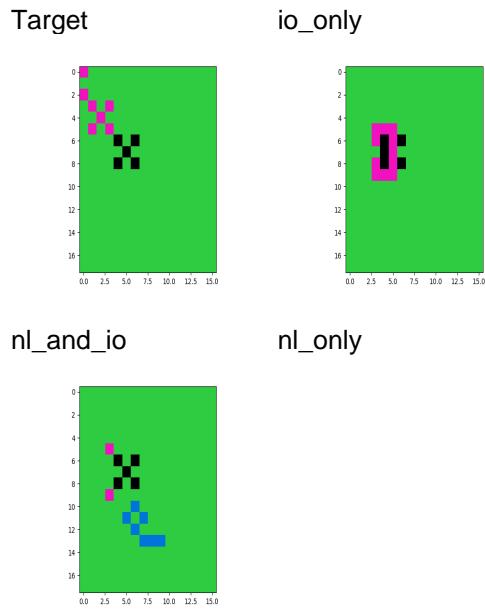


To make the output, you have to...replace each of the colored squares on the input grid with the light blue pattern but in the color of the square, then orient the pattern to correspond with the colored squares in the new grid.

## Task ID: e8dc4411

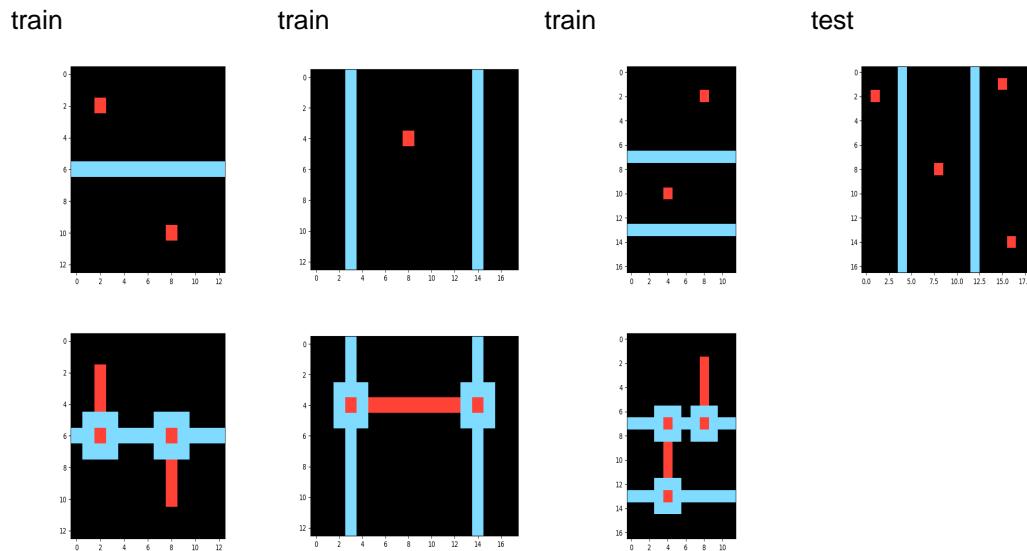


## GPT-4 Generations

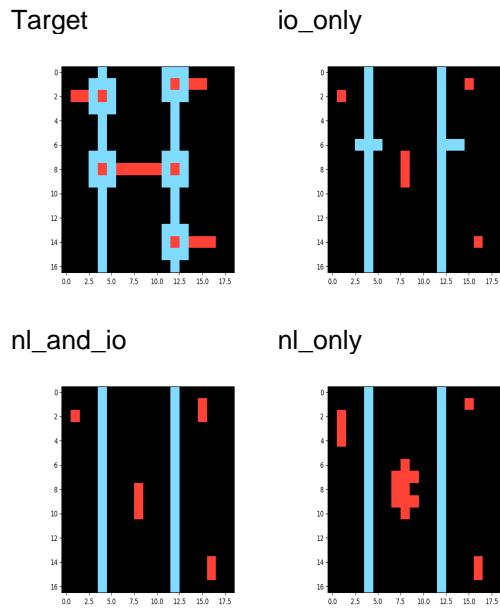


To make the output, you have to... nice

## Task ID: ecdecbb3



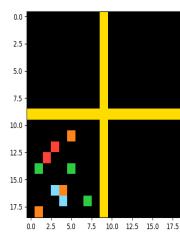
## GPT-4 Generations



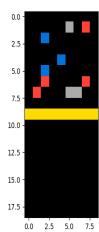
To make the output, you have to...Copy the input grid. Make perpendicular lines from the dots of y color to touch the closest lines of x color. The point of touch should be the y color. If the dot of y color is between 2 lines of y color you should make one lines of y color going through the dot of y color and connecting the lines of x colors. Surround each dot of y color (point of touch) on the line of x color with a square of x color with the center of y color on the line of x color. Done.

## Task ID: c444b776

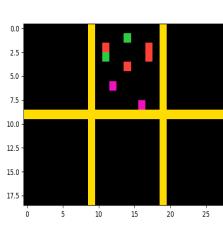
train



train

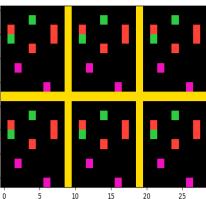


test

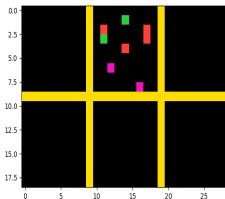


## GPT-4 Generations

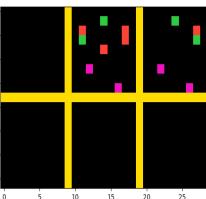
Target



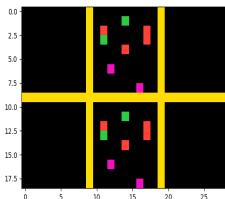
io\_only



nl\_and\_io

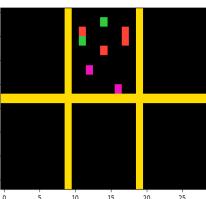


nl\_only

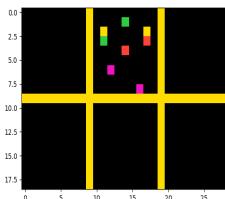


To make the output, you have to...copy the color in one section to other three sections.

nl\_and\_io

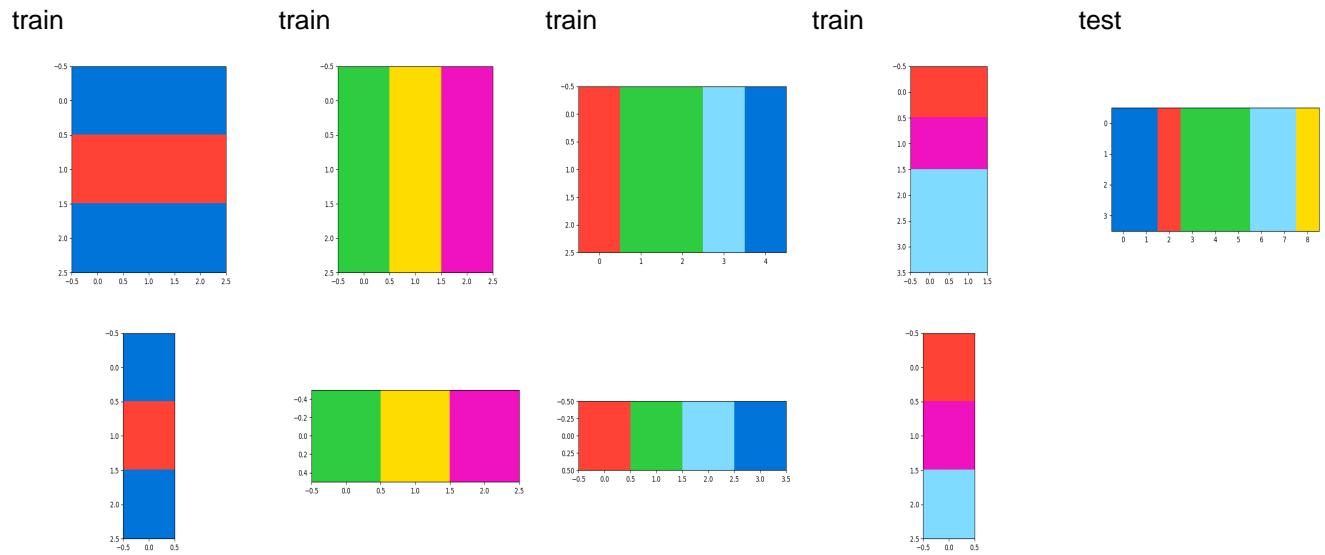


nl\_only

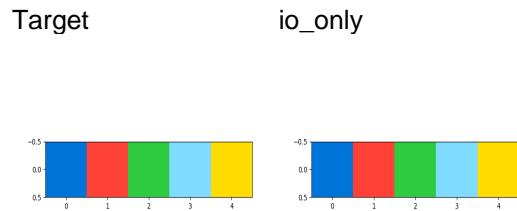


To make the output, you have to...copy the color in one section to any other section

## Task ID: 746b3537

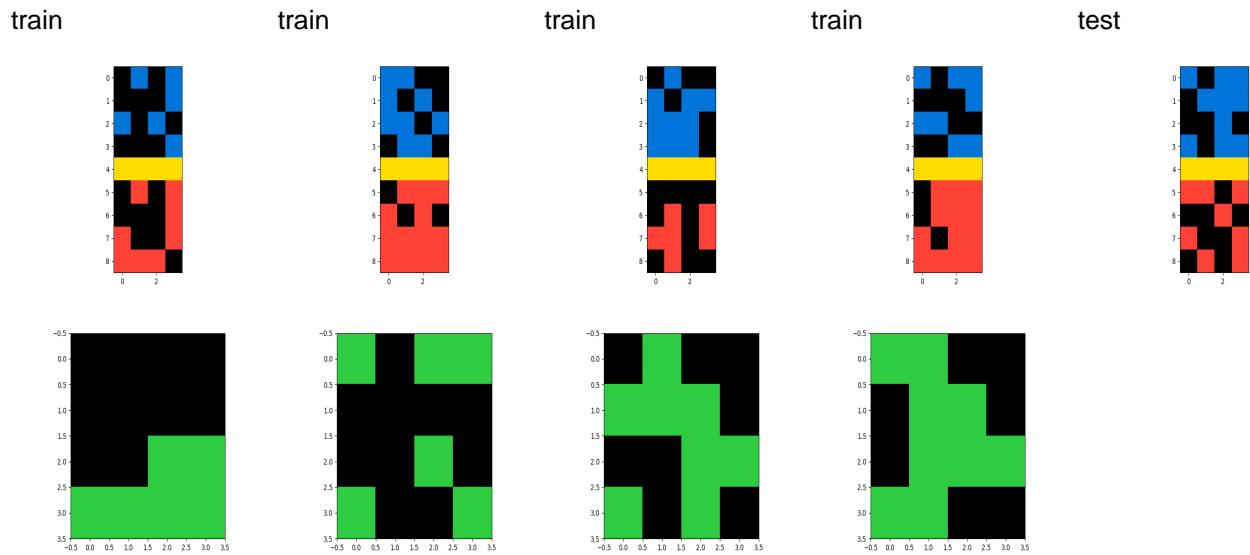


## GPT-4 Generations

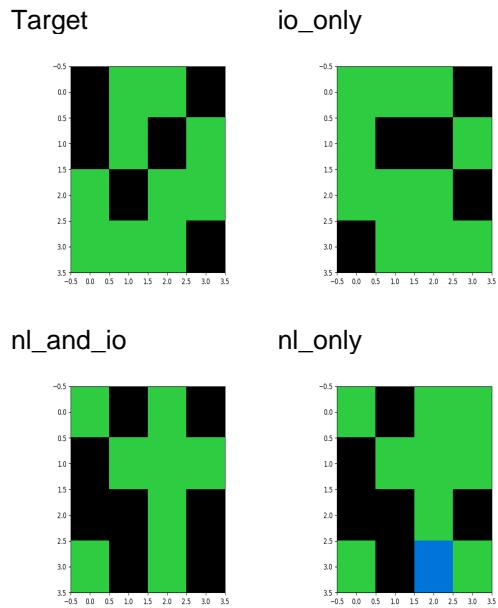


To make the output, you have to...output pattern set

## Task ID: 99b1bc43



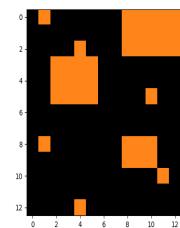
## GPT-4 Generations



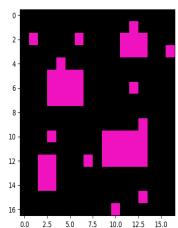
To make the output, you have to...compare the squares in the top and bottom 4x4 square. If they match (both black or both color) make the output square black. If they do not match, make the output square green.

## Task ID: 7f4411dc

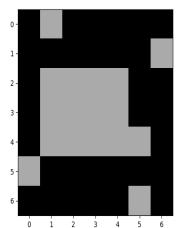
train



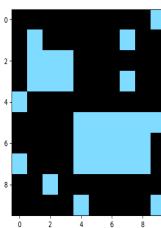
train



train

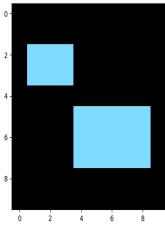


test

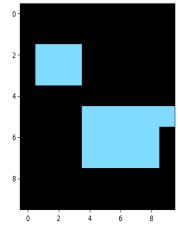


## GPT-4 Generations

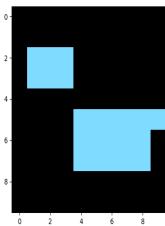
Target



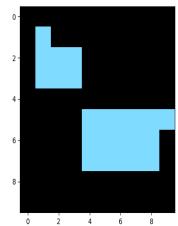
io\_only



nl\_and\_io

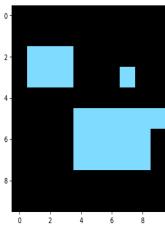


nl\_only



To make the output, you have to...always remove a single pixel outside of the big blocks. Your output will be big blocks only, no scattered single pixels. Simply remove these single pixels and leave the complete major blocks whether these pixels are right next to or by themselves out in space. That's all.

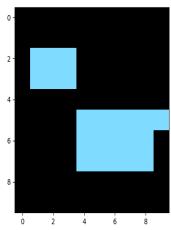
nl\_and\_io



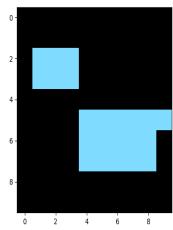
nl\_only

To make the output, you have to...without fill single

nl\_and\_io



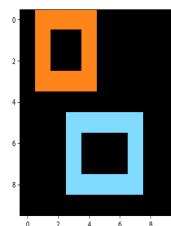
nl\_only



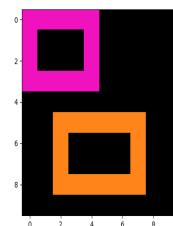
To make the output, you have to...Remove the single squares so that only the large rectangle group patterns remain

## Task ID: 445eab21

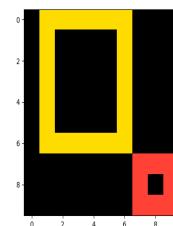
train



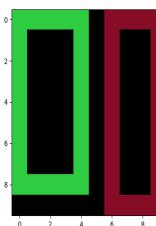
train



train

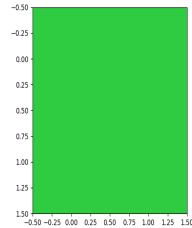


test

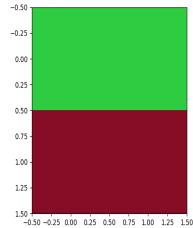


## GPT-4 Generations

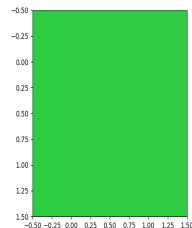
Target



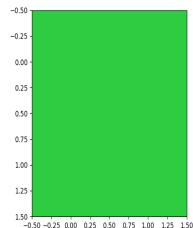
io\_only



nl\_and\_io

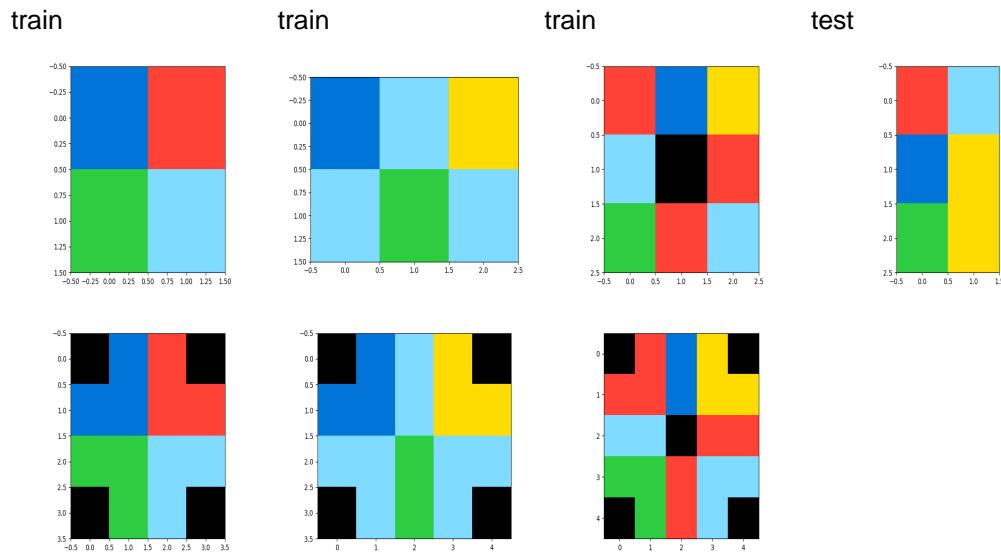


nl\_only

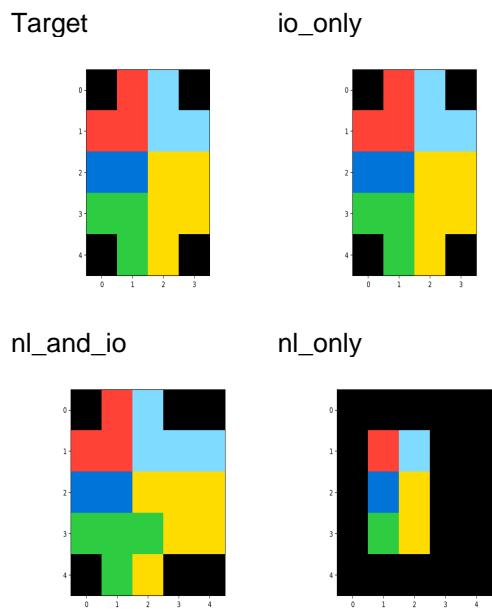


To make the output, you have to...fill the entire 2x2 grid with the same color of the biggest square pattern that is in the original.

## Task ID: 49d1d64f



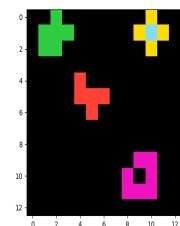
## GPT-4 Generations



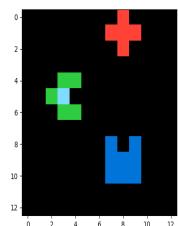
To make the output, you have to...make input pattern as center for output and colors should be same. The adjacent colors are also same . all four corner colors should be black

## Task ID: 5117e062

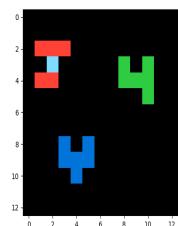
train



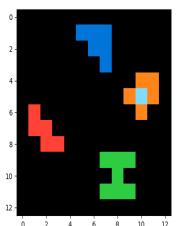
train



train

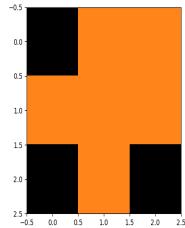


test

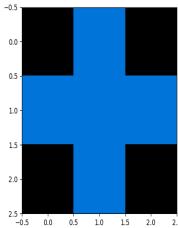


## GPT-4 Generations

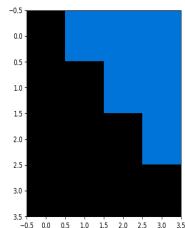
Target



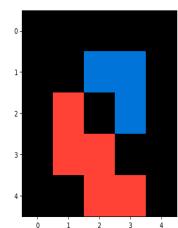
io\_only



nl\_and\_io

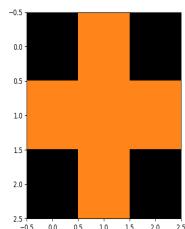


nl\_only

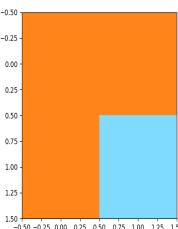


To make the output, you have to...replace the light blue color with the color that surround it.

nl\_and\_io

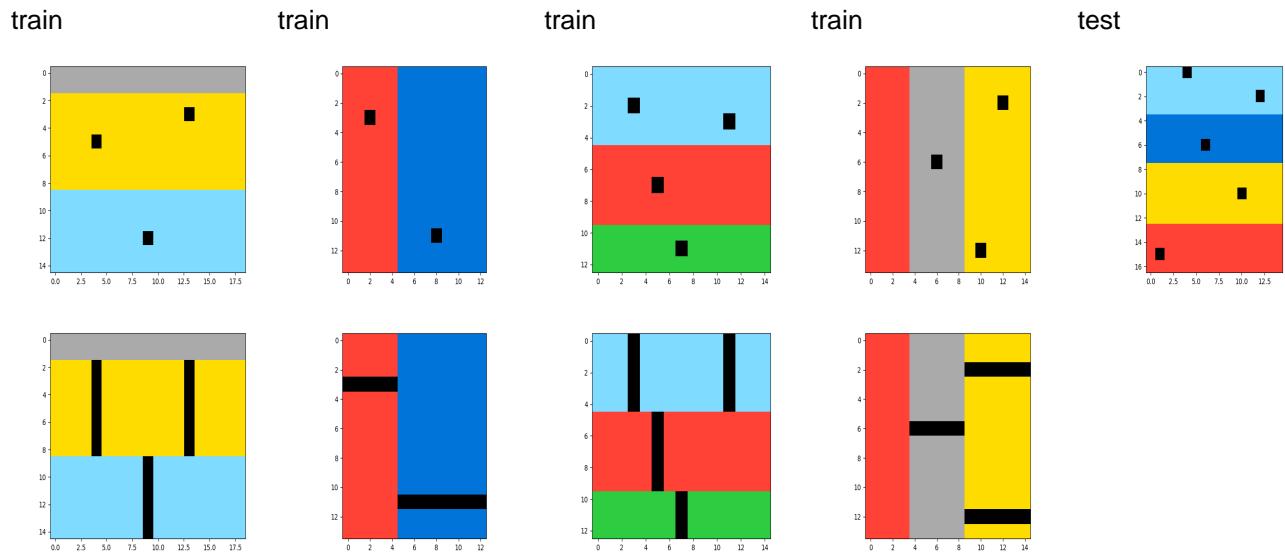


nl\_only

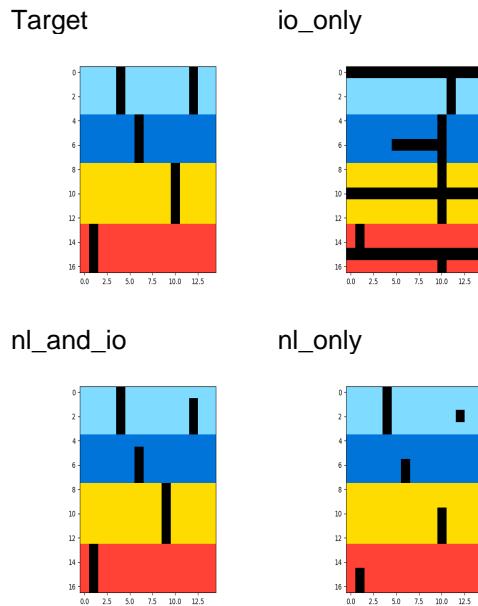


To make the output, you have to...copy the shape with the light blue dot but replace the light blue dot with the shape color.

## Task ID: 855e0971



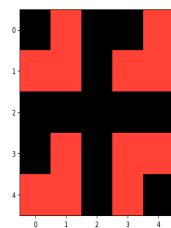
## GPT-4 Generations



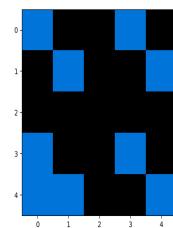
To make the output, you have to...make the black tiles into lines that end at the color blocks they are in, if the color blocks appear vertically then the black lines should be horizontally, if the color blocks appear horizontally then the black lines should be vertical

## Task ID: 88a62173

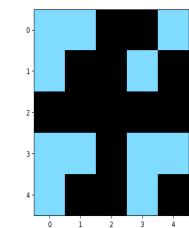
train



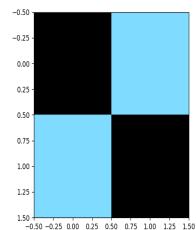
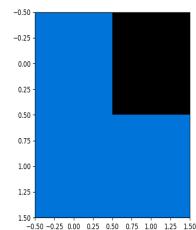
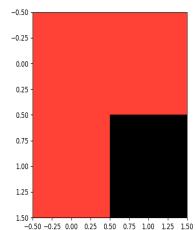
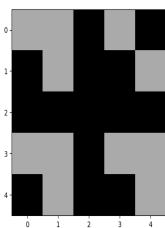
train



train

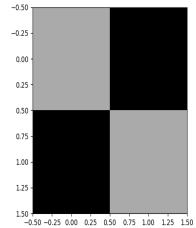


test

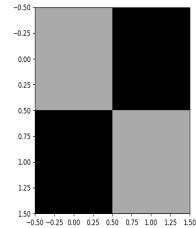


## GPT-4 Generations

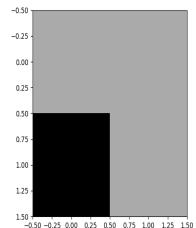
Target



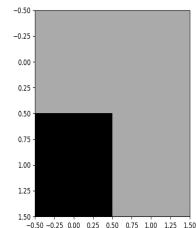
io\_only



nl\_and\_io



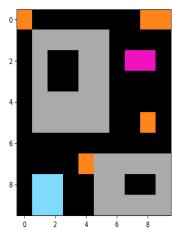
nl\_only



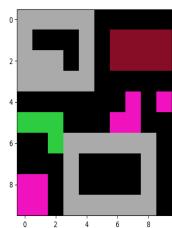
To make the output, you have to...replicate one of the patterns in one of the corners. Bottom right, bottom left, top right, or top left.

## Task ID: 228f6490

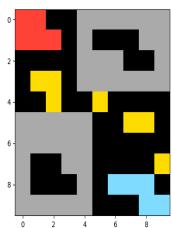
train



train



train

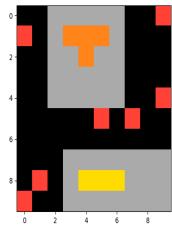


test

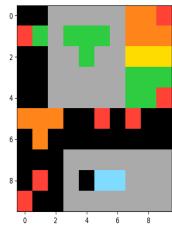


## GPT-4 Generations

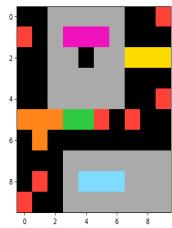
Target



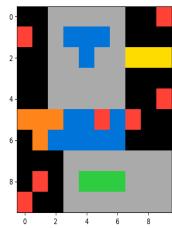
io\_only



nl\_and\_io

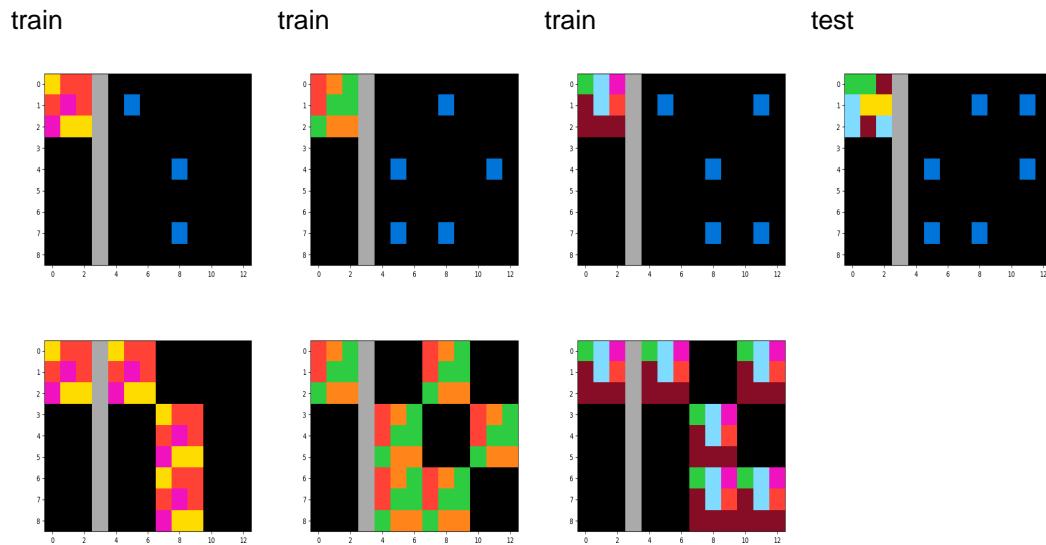


nl\_only

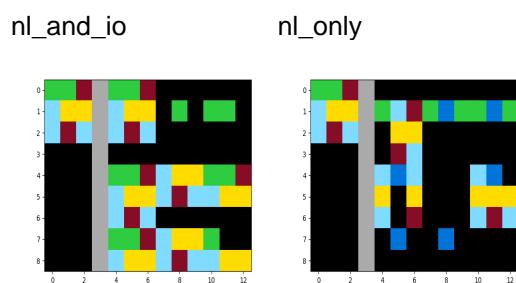
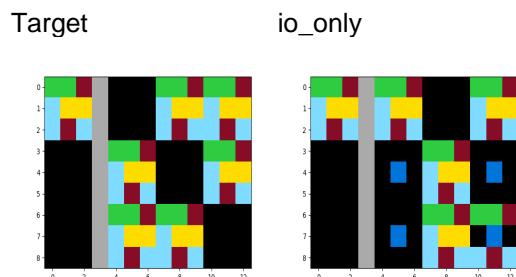


To make the output, you have to...fill in the shapes within the gray area with the color shapes that represent the space.

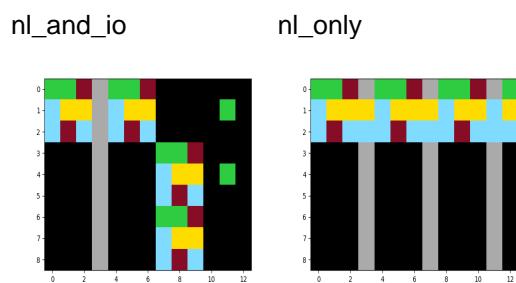
## Task ID: 363442ee



## GPT-4 Generations

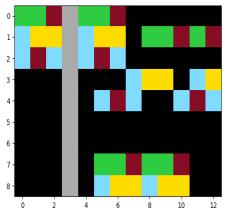


To make the output, you have to... copy the pattern on the left and recreate the same pattern over each blue square on the right side, such that the center of the pattern is where the blue square was

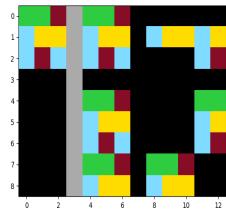


To make the output, you have to...use the blue square as the middle square and recreate the same pattern replacing the blue square with the same color in the middle as the pattern

nl\_and\_io



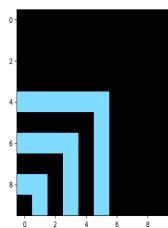
nl\_only



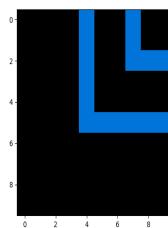
To make the output, you have to...copy the pattern on the left of the grey bar and paste it so that it is directly over each blue square such that the center square of the pattern is located exactly where the blue square was

## Task ID: f8c80d96

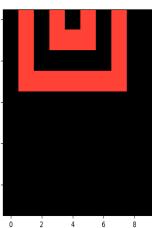
train



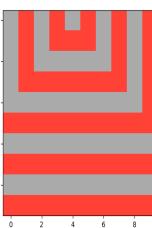
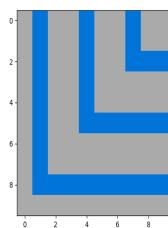
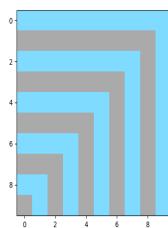
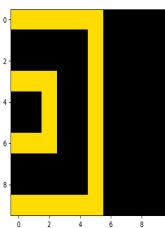
train



train

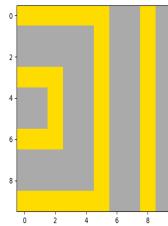


test

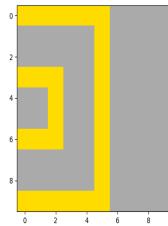


## GPT-4 Generations

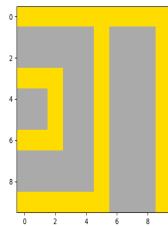
Target



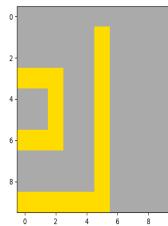
io\_only



nl\_and\_io

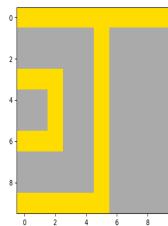


nl\_only

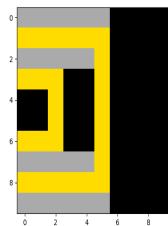


To make the output, you have to... change the background color from black to light gray, then continue the pattern of lines, with the same spacing and bends.

nl\_and\_io

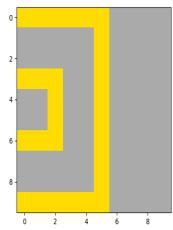


nl\_only

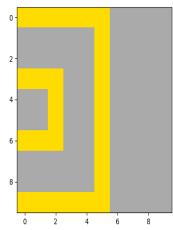


To make the output, you have to...add more lines using the same color and same spacing. Change the background from black to grey

nl\_and\_io

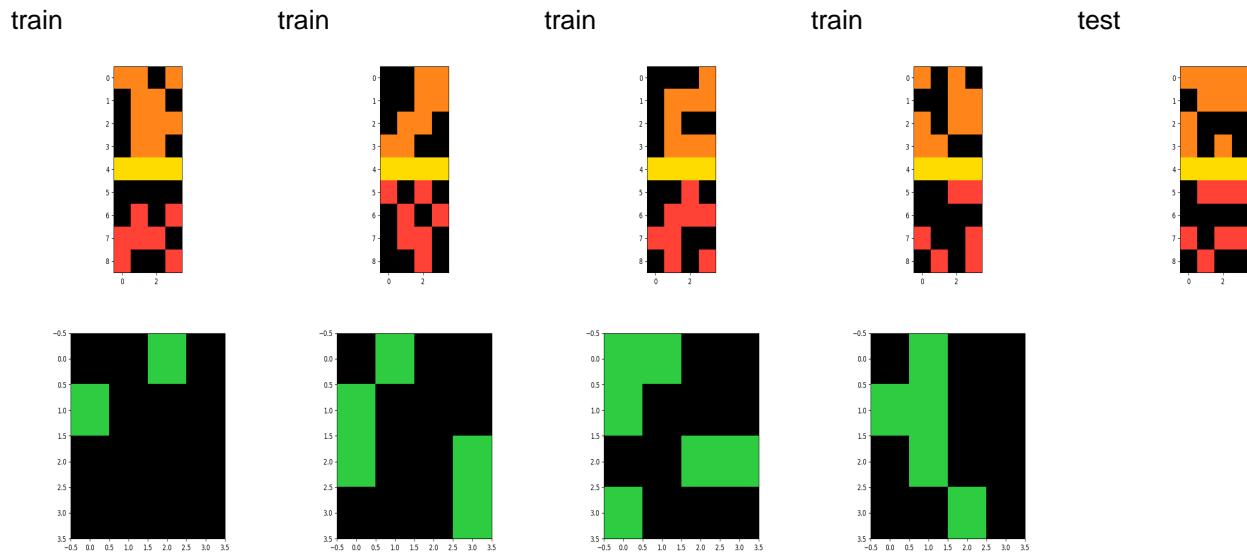


nl\_only

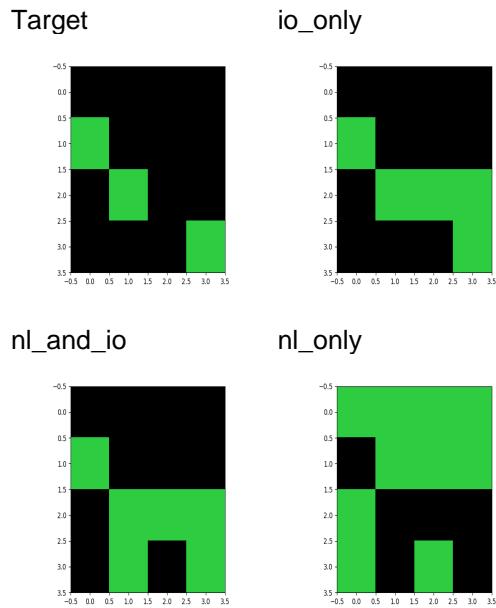


To make the output, you have to... Change all black to grey and continue the patterns keeping in mind the spacing

## Task ID: 6430c8c4



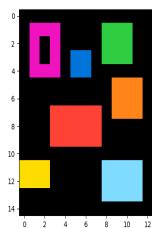
## GPT-4 Generations



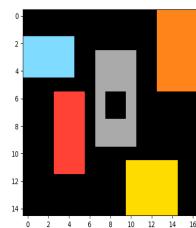
To make the output, you have to...put the two section over top of each other. Then you have to look at each block. A block that does not have any of the pattern from the old blocks is colored green. Any block that has pattern from either of the first blocks is colored black.

## Task ID: b9b7f026

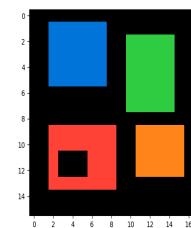
train



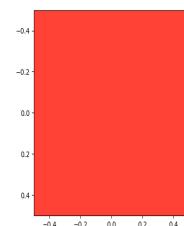
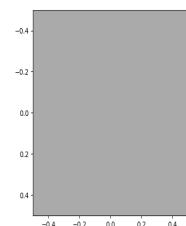
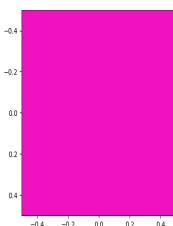
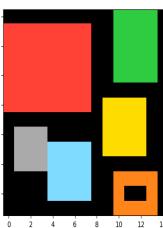
train



train

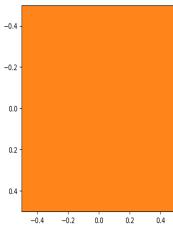


test

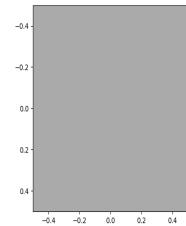


## GPT-4 Generations

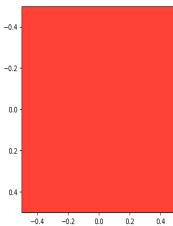
Target



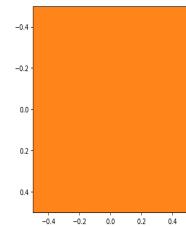
io\_only



nl\_and\_io

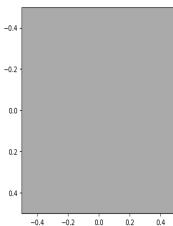


nl\_only

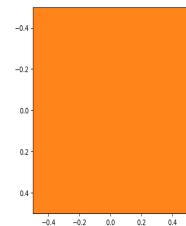


To make the output, you have to... copy the color of the object that has a hole in in the middle

nl\_and\_io

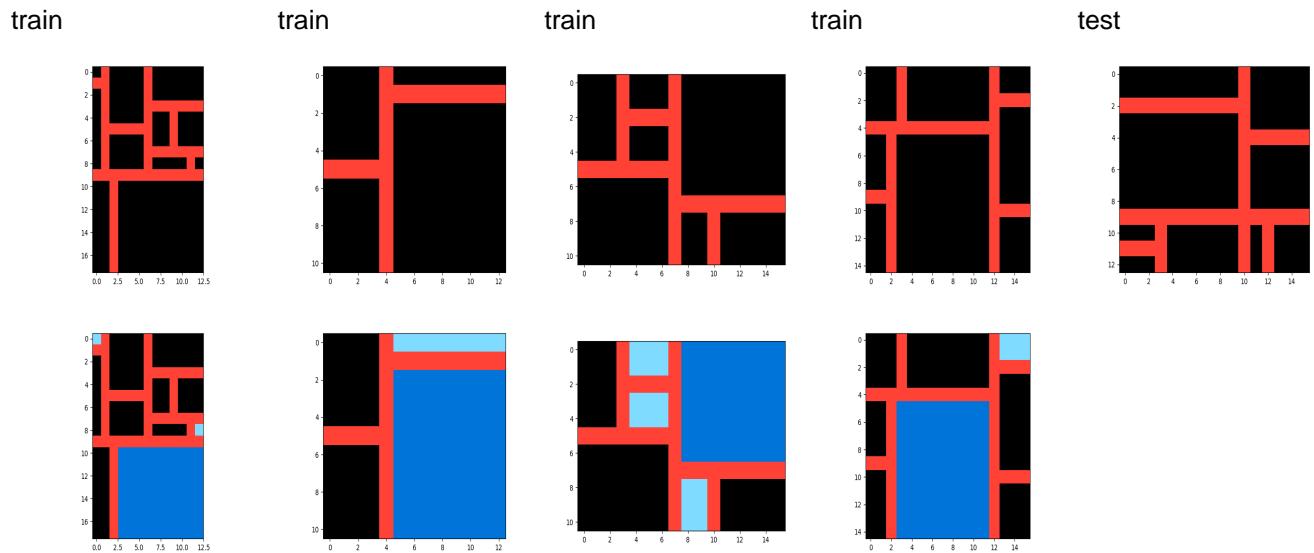


nl\_only

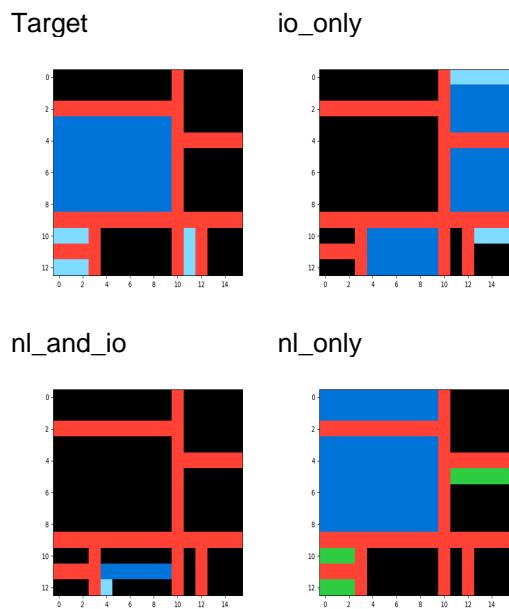


To make the output, you have to...fill in the new grid with the color of the object that has a hole in it.

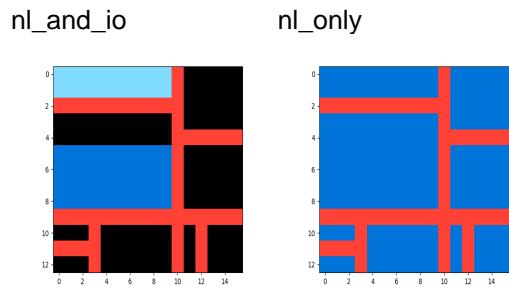
## Task ID: 6455b5f5



## GPT-4 Generations

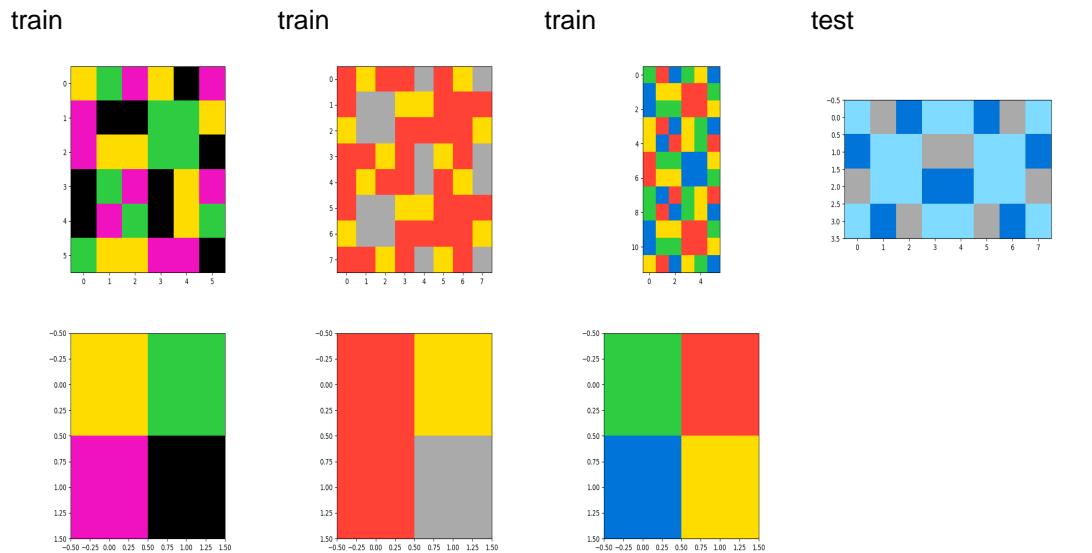


To make the output, you have to... fill the largest black shape with dark blue. Fill the smallest black shape with light blue. If there is more than one shape with the smallest number of squares, fill all of the smallest shapes with light blue.

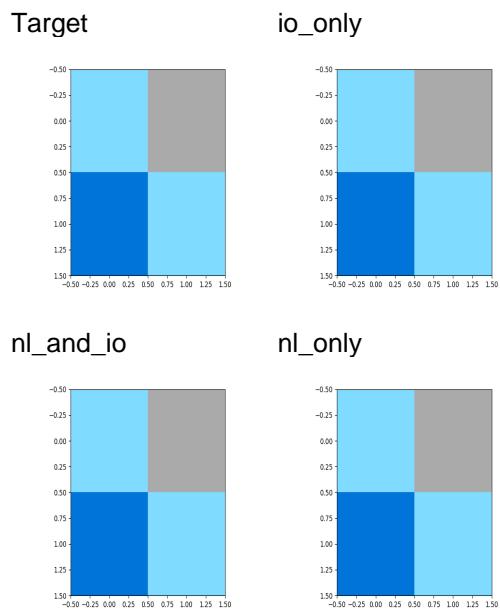


To make the output, you have to... fill in the large black square shape with blue, make sure to fill only the small black squares. Then fill in the smallest black square shape with light blue. If there is more than one small black square shape that is the same size then then fill them also with light blue.

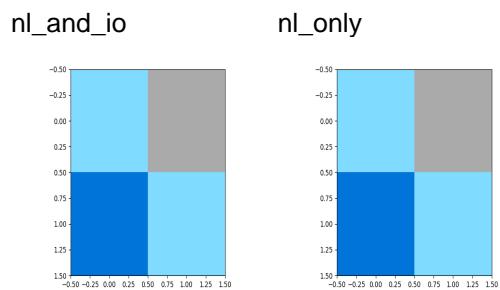
## Task ID: d10ecb37



## GPT-4 Generations



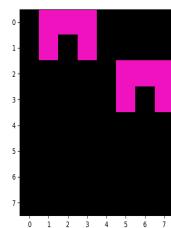
To make the output, you have to...take the pattern on the top left and put it in the 2x2 grid



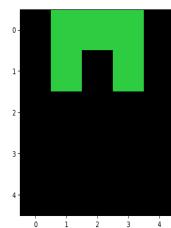
To make the output, you have to...copy the colors used in the top left corner of four squares of the grid and make them the corresponding colors on the output 2x2 grid. So if the top left has a red square, then a yellow square with a blue square below the red square and a green square below the yellow square, then those would be placed in the corresponding squares on the output grid.

## Task ID: 54d82841

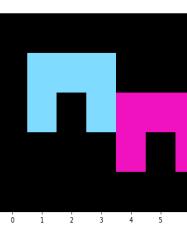
train



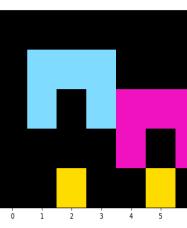
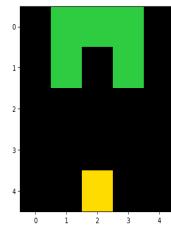
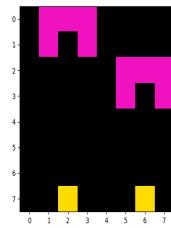
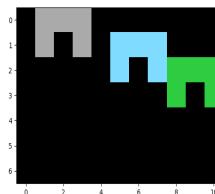
train



train

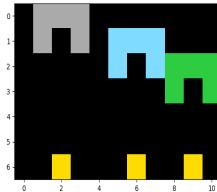


test

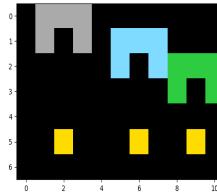


## GPT-4 Generations

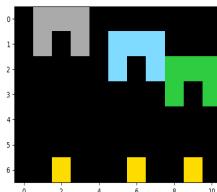
Target



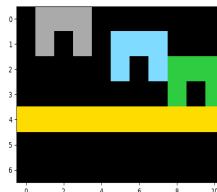
io\_only



nl\_and\_io

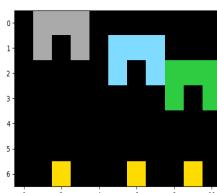


nl\_only

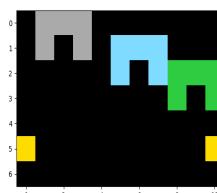


To make the output, you have to... add a yellow square at the bottom where if the shape or shapes fall they will land on the yellow square.

nl\_and\_io

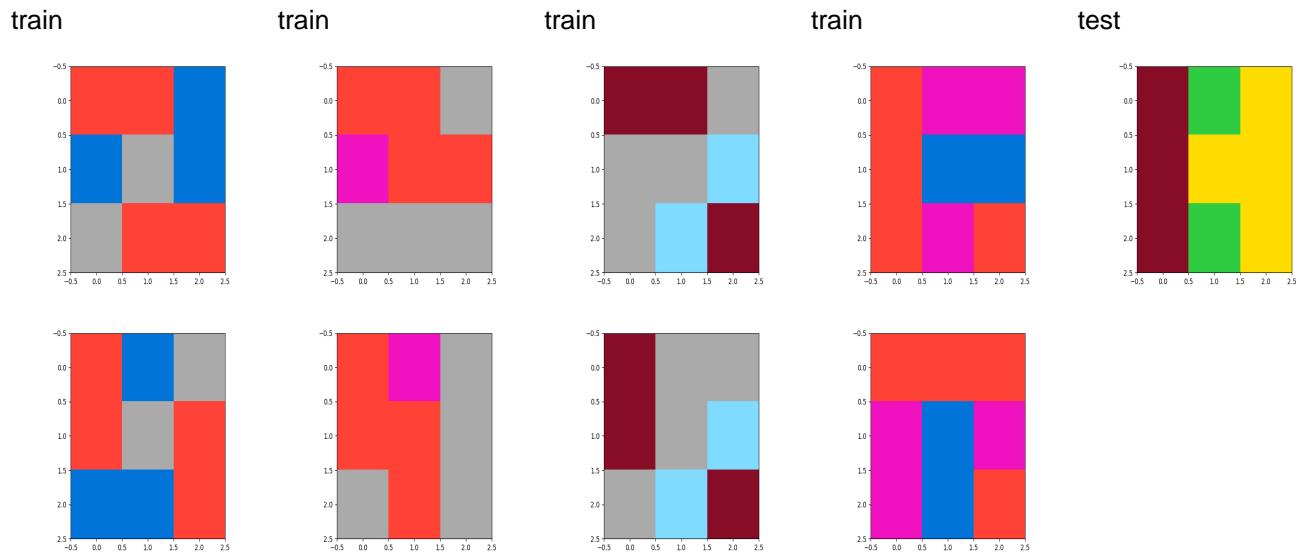


nl\_only

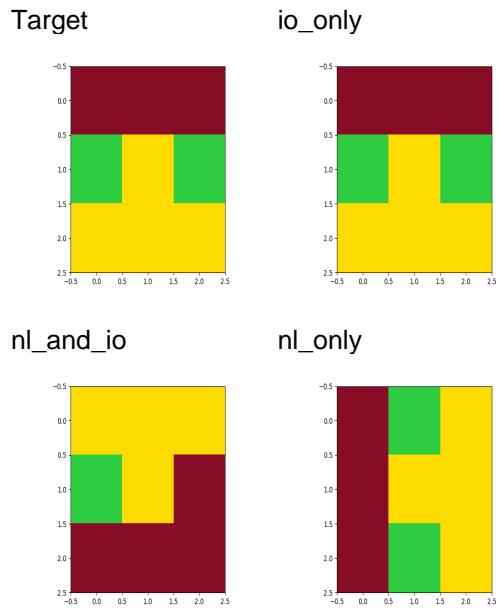


To make the output, you have to...add a yellow block on the bottom row of the grid under the black block in the colored shape/shapes.

## Task ID: 74dd1130

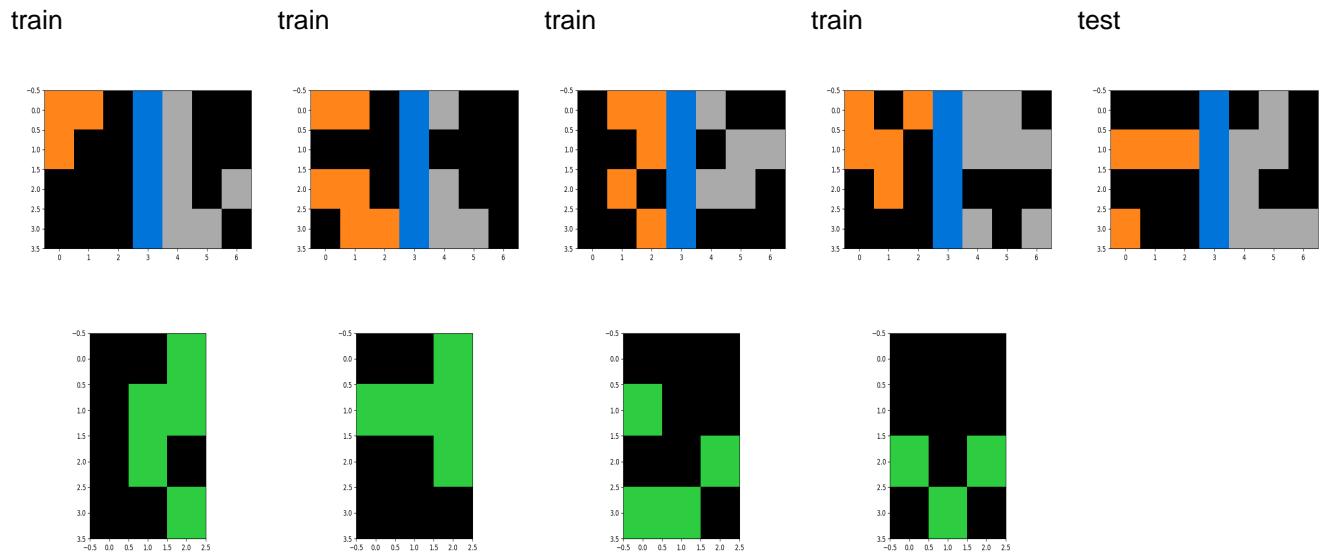


## GPT-4 Generations

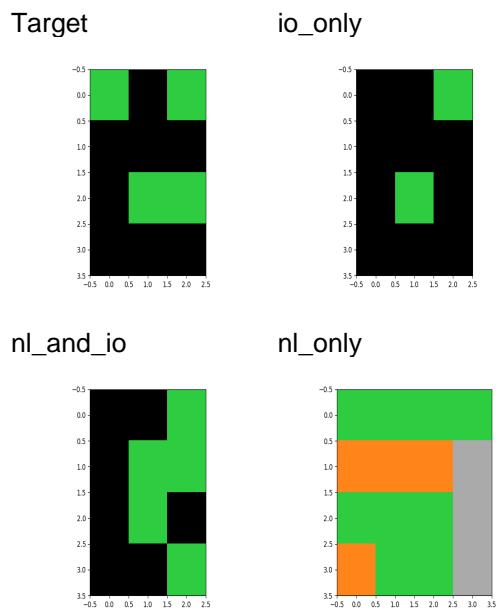


To make the output, you have to...rotate it 90 degree clockwise and mirror the result

## Task ID: f2829549



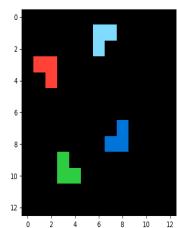
## GPT-4 Generations



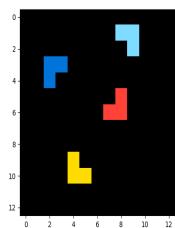
To make the output, you have to...combine the orange and grey into one pattern that take up a 4x3 space. Fill each black space with green. Fill the old pattern with black. You should only have green spaces.

## Task ID: a61ba2ce

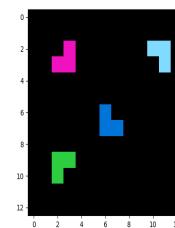
train



train

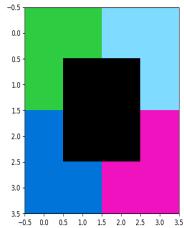


test

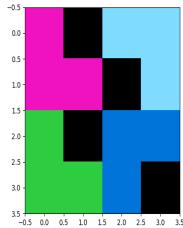


## GPT-4 Generations

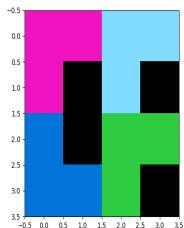
Target



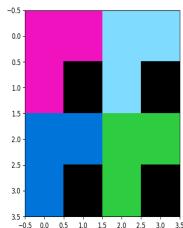
io\_only



nl\_and\_io

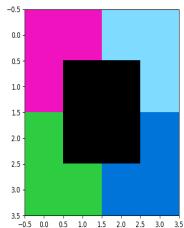


nl\_only

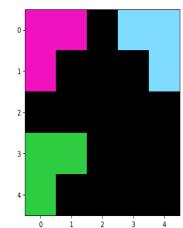


To make the output, you have to...make a square with the each set of blocks. There should be a smaller black square in the center.

nl\_and\_io



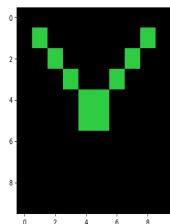
nl\_only



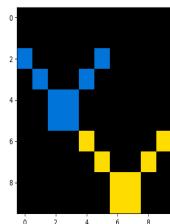
To make the output, you have to...follow the colored pattern and put them on all the corners exactly how the pattern is placed. Then fill in the middle 4 squares with black.

## Task ID: 22168020

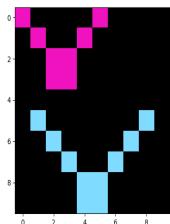
train



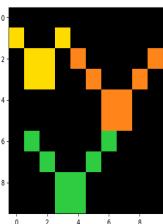
train



train

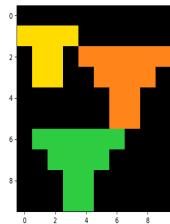


test

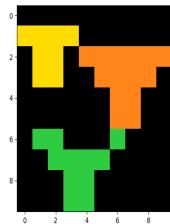


## GPT-4 Generations

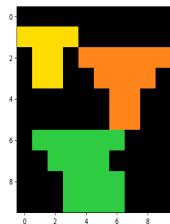
Target



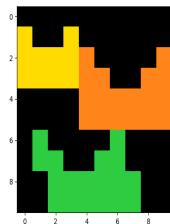
io\_only



nl\_and\_io



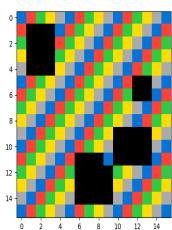
nl\_only



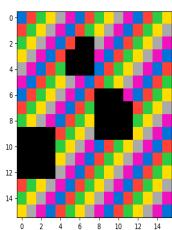
To make the output, you have to...fill in the area above the four square base until you get to the top of the colored area

## Task ID: c3f564a4

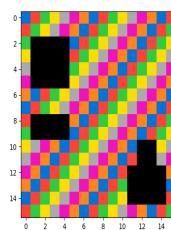
train



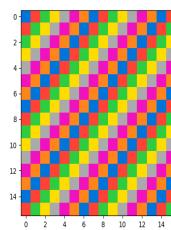
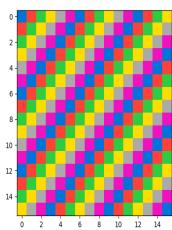
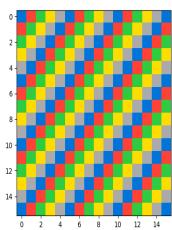
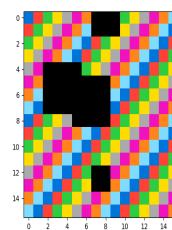
train



train

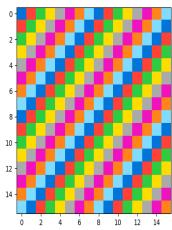


test

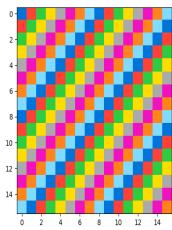


## GPT-4 Generations

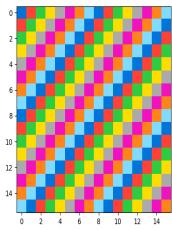
Target



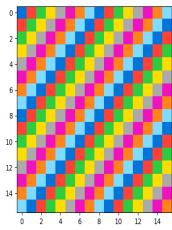
io\_only



nl\_and\_io

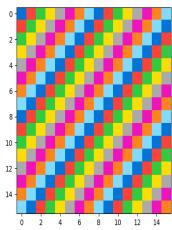


nl\_only

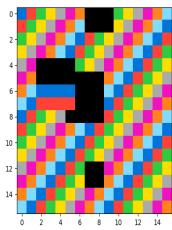


To make the output, you have to...fill in the black squares according to the pattern of diagonal colored squares.

nl\_and\_io



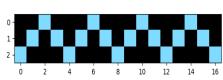
nl\_only



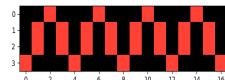
To make the output, you have to...fill in black tiles with the same tile pattern in the diagonal lines

## Task ID: eb281b96

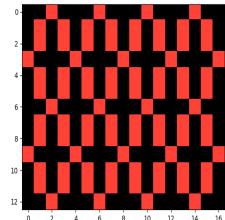
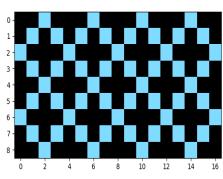
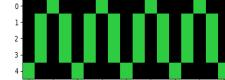
train



train

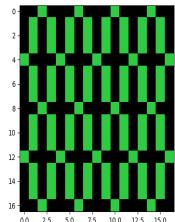


test

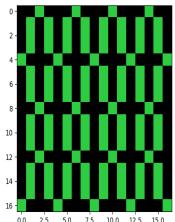


## GPT-4 Generations

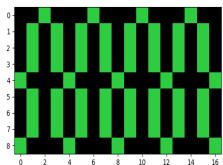
Target



io\_only



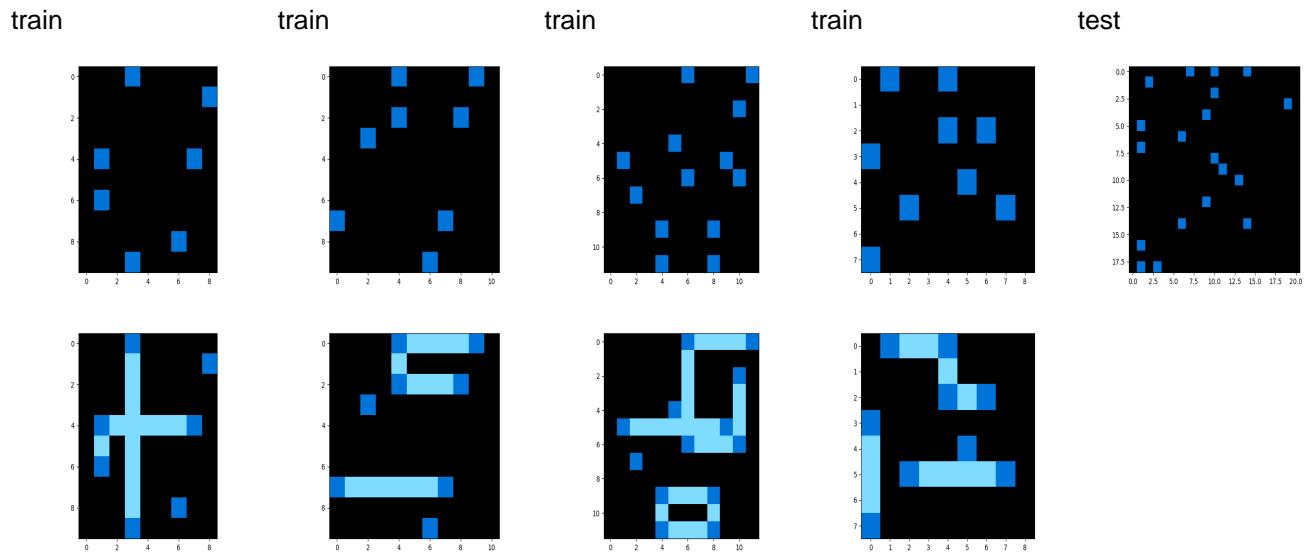
nl\_and\_io



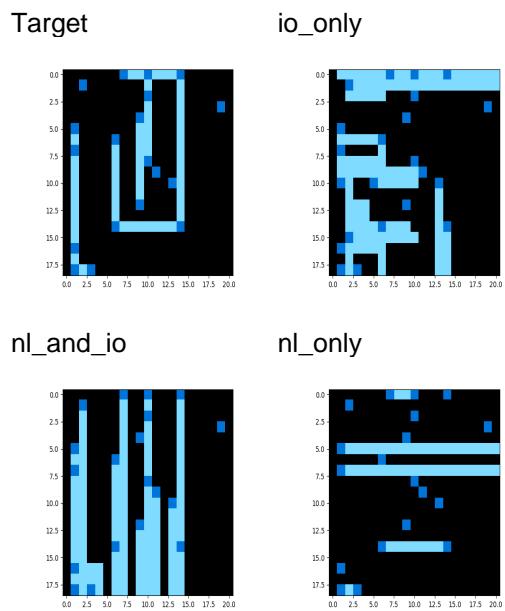
nl\_only

To make the output, you have to...horizontally

## Task ID: dbc1a6ce



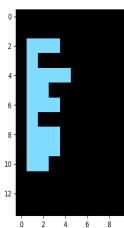
## GPT-4 Generations



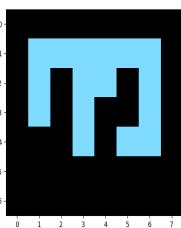
To make the output, you have to...draw a light blue line to connect any dark blue squares that are on the same line or row.

## Task ID: 6d75e8bb

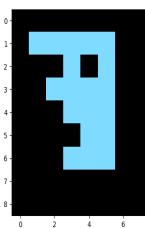
train



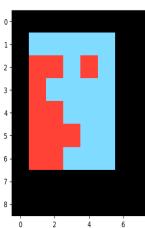
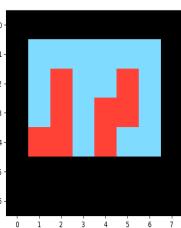
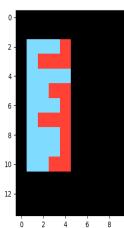
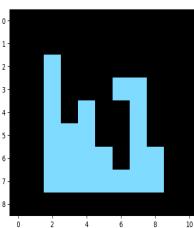
train



train

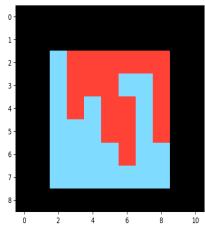


test

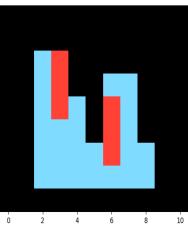


## GPT-4 Generations

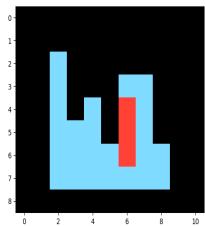
Target



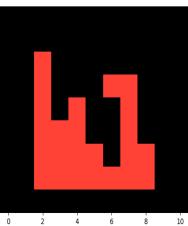
io\_only



nl\_and\_io



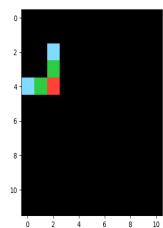
nl\_only



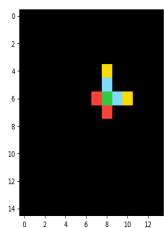
To make the output, you have to...fill in the area of the large section with red to make a rectangular section. Background remain the same color

## Task ID: e21d9049

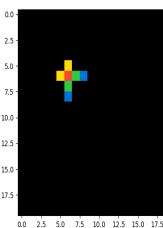
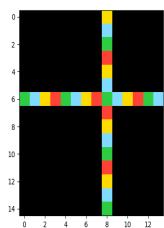
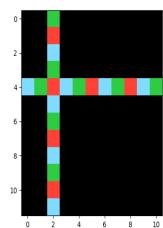
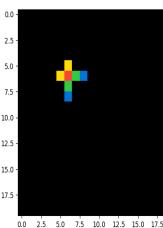
train



train

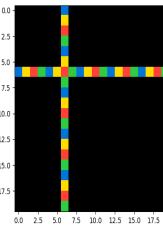


test

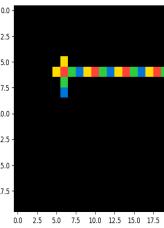


## GPT-4 Generations

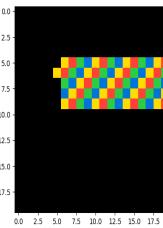
Target



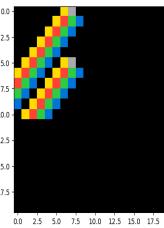
io\_only



nl\_and\_io



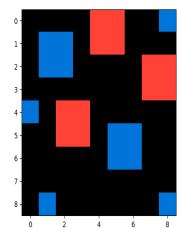
nl\_only



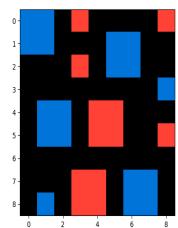
To make the output, you have to...continue the lines to all edges,  
using alternating the color pattern

## Task ID: 1fad071e

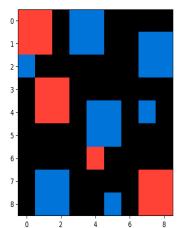
train



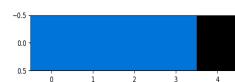
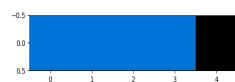
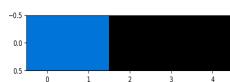
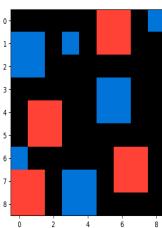
train



train



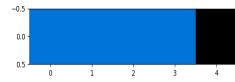
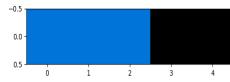
test



## GPT-4 Generations

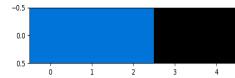
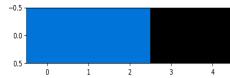
Target

io\_only



nl\_and\_io

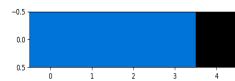
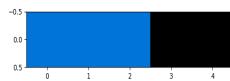
nl\_only



To make the output, you have to...fill single blue grid from the left for every 2x2 blue grids available

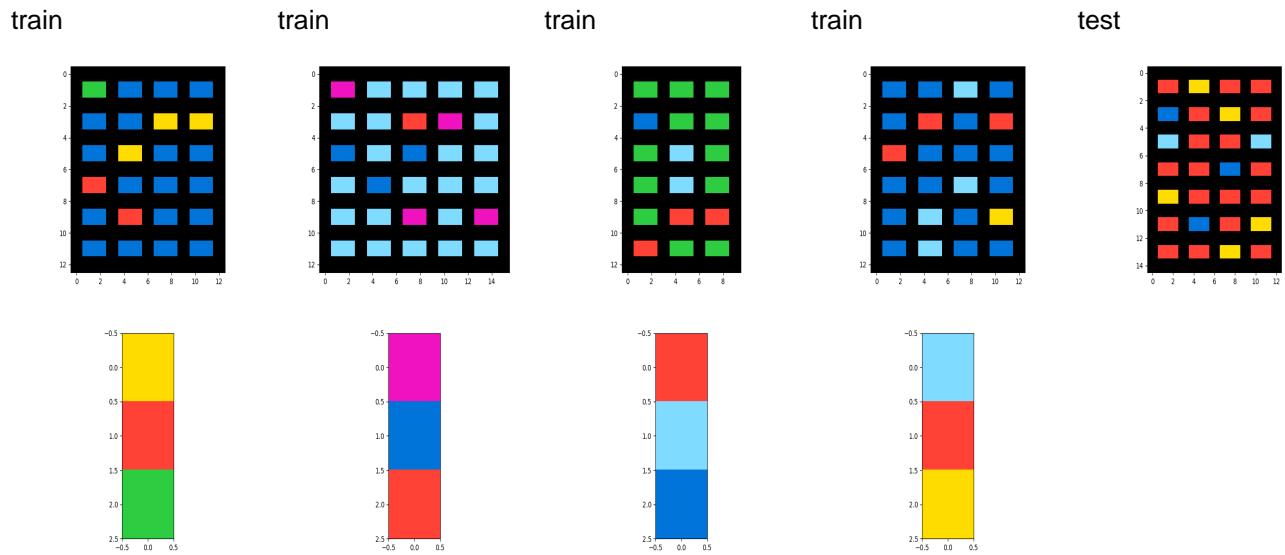
nl\_and\_io

nl\_only

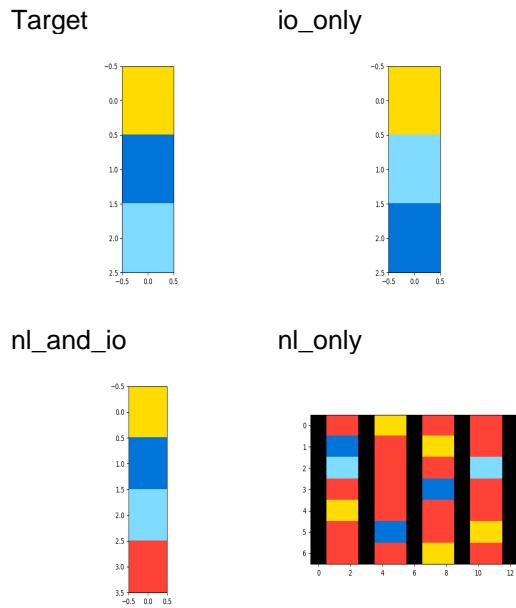


To make the output, you have to...choose 5x1 grid size and fill the color of grid as blue as how many 2x2 blue color grid in input and leave others as black.

## Task ID: f8b3ba0a

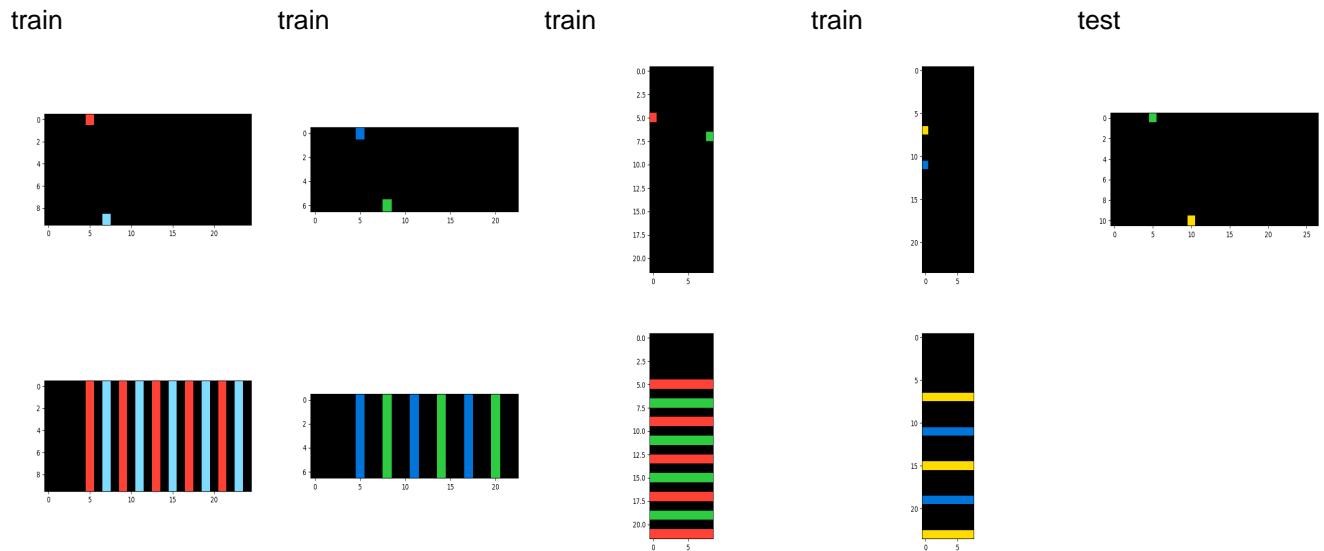


## GPT-4 Generations

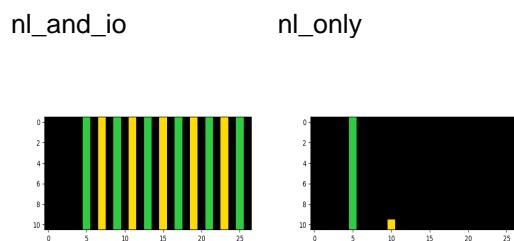
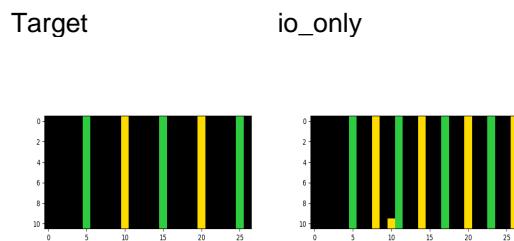


To make the output, you have to...order the color boxes. avoid a large number of the color box.

## Task ID: 0a938d79



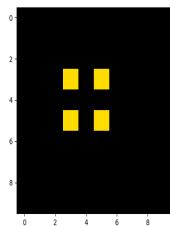
## GPT-4 Generations



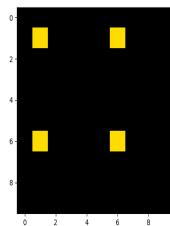
To make the output, you have to... create a pattern of short stripes alternating between the 2 colors. Start from the first colored pixel and create a line that goes to the opposite side using that color. Then go to the second colored pixel and do the same. Continue the pattern of stripes to the RIGHT for a long grid or go DOWN for a tall grid all the way to the end.

### Task ID: af902bf9

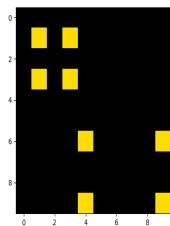
train



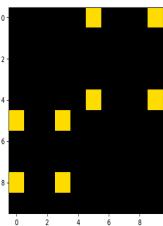
train



train

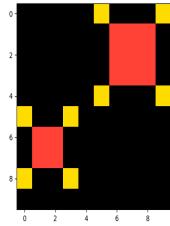


test

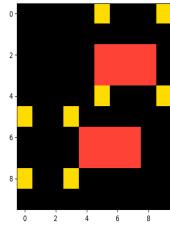


### GPT-4 Generations

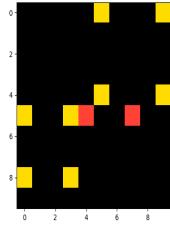
Target



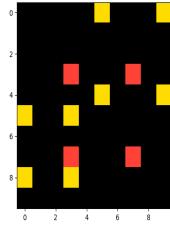
io\_only



nl\_and\_io

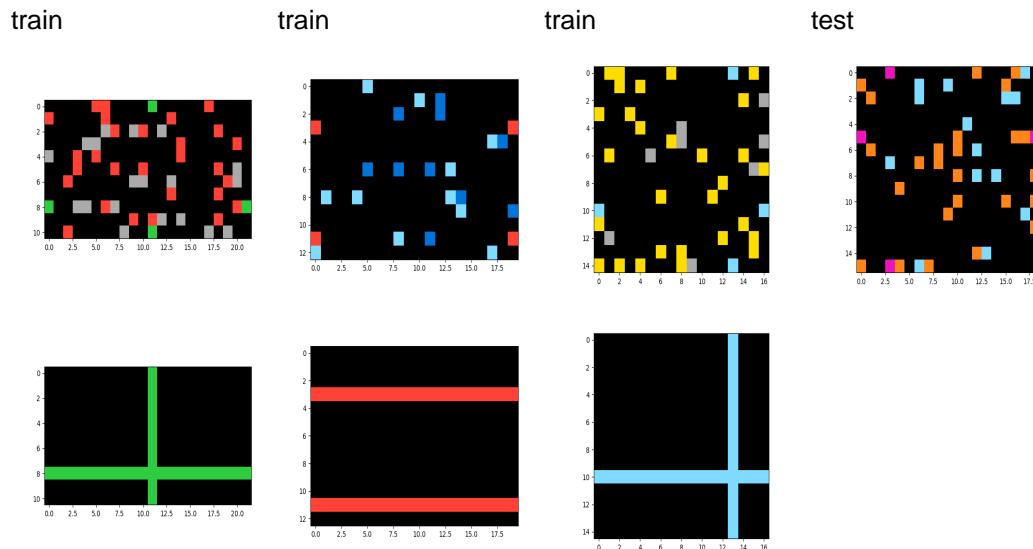


nl\_only

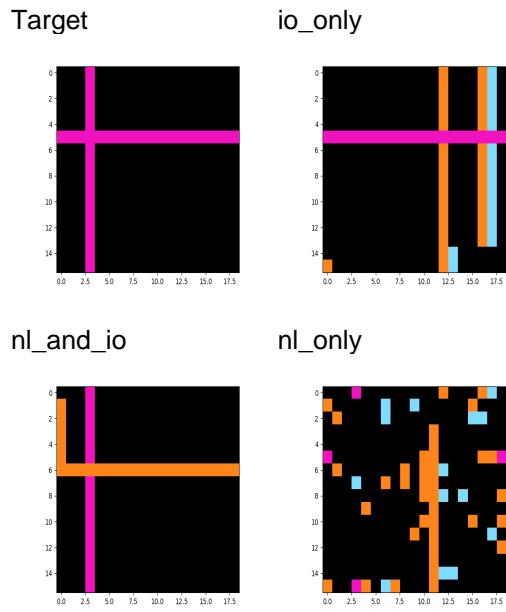


To make the output, you have to...put red in the middle of the yellow square structure, but not actually next to any of the yellow squares

## Task ID: 6cdd2623



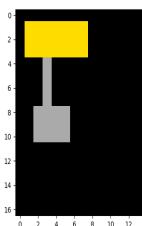
## GPT-4 Generations



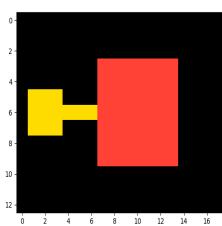
To make the output, you have to...draw two lines connecting both pairs of colored squares, all the way across the grid, same color as the squares (for instance, if you noticed that you have 4 green squares on the input, on the output connect the ones on top and bottom edge of the grid with a green line, and the ones on left and right edge of the grid with a green line). If both sets of squares are on the top/bottom or left/right, connect the lines across the grid, not along the edge (in other words, do not connect the two left squares or two top squares. Always connect the line to the opposite square). All other squares on your grid that are not your lines should be black.

## Task ID: 98cf29f8

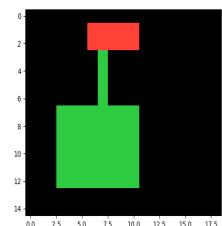
train



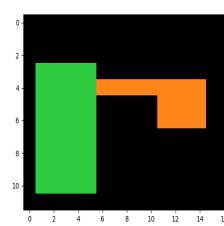
train



train

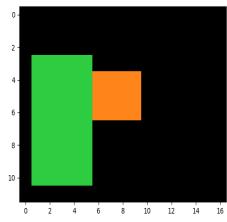


test

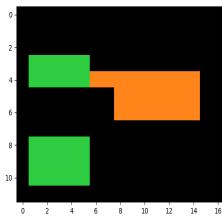


## GPT-4 Generations

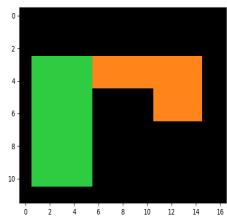
Target



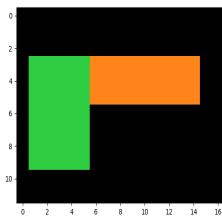
io\_only



nl\_and\_io

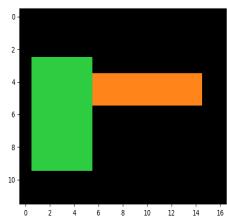


nl\_only

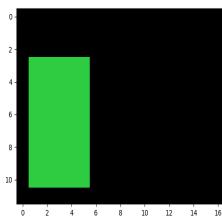


To make the output, you have to...remove the single line and move the shape that is the same color as the line square up against the other shape.

nl\_and\_io



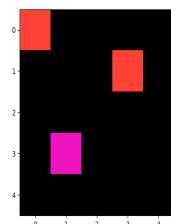
nl\_only



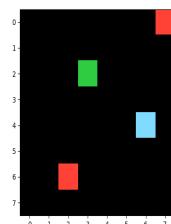
To make the output, you have to... remove the colored squares that create a floor to the other pattern. you bring the patterns together by moving the pattern that is the same color as the line you remove

## Task ID: dc1df850

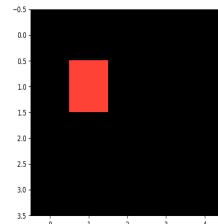
train



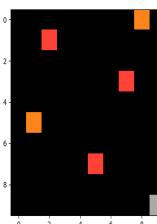
train



train

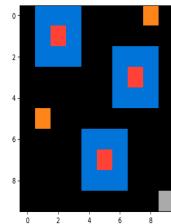


test

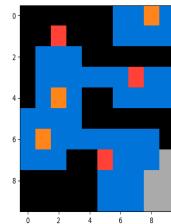


## GPT-4 Generations

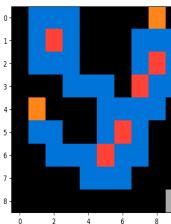
Target



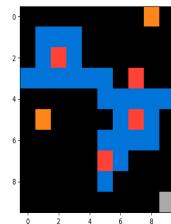
io\_only



nl\_and\_io

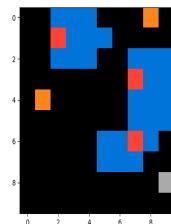


nl\_only

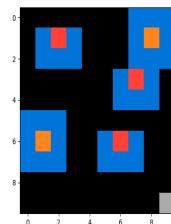


To make the output, you have to...draw a blue border around the red pixels. Fill in each pixel around the red pixel with blue. If the red pixel is near the border of the grid, fill in the pixels around it against the border.

nl\_and\_io

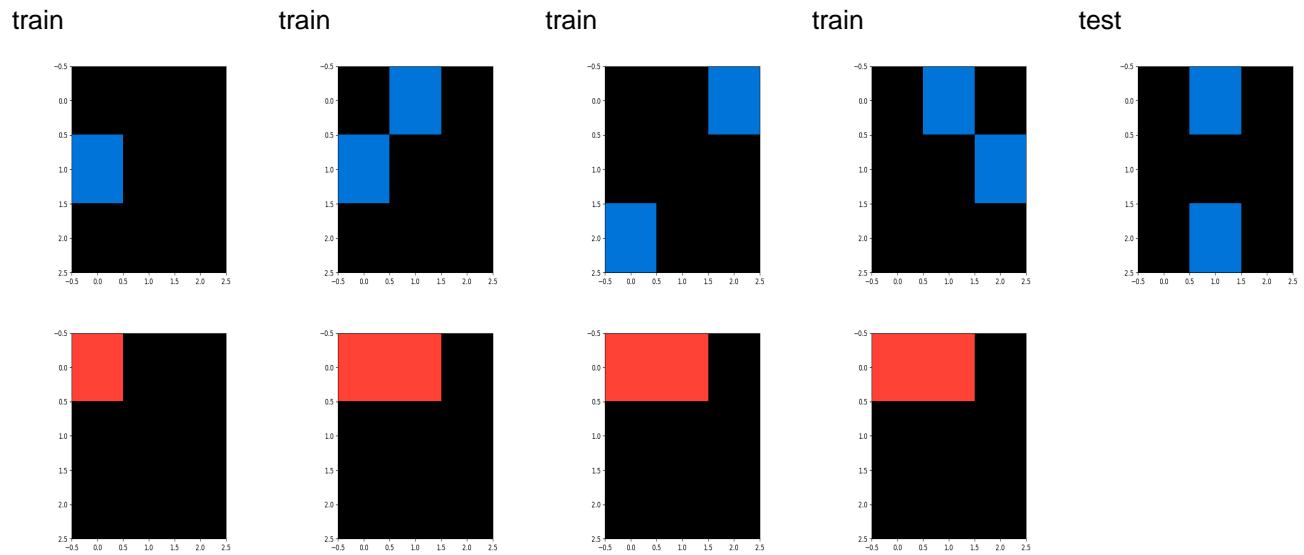


nl\_only

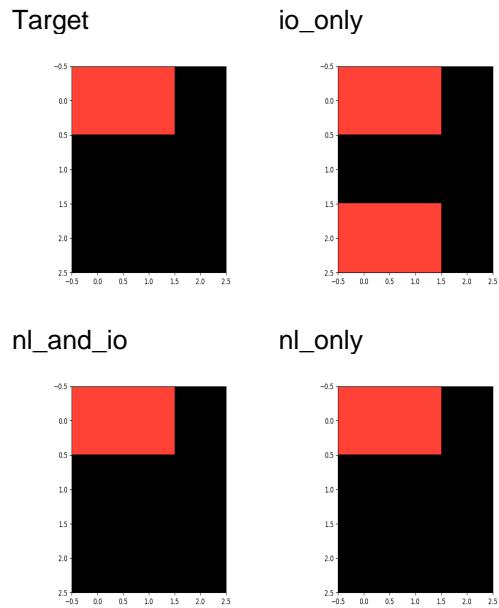


To make the output, you have to...surround only the red squares with a blue border that is one square wide.

## Task ID: 794b24be



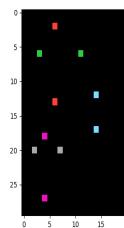
## GPT-4 Generations



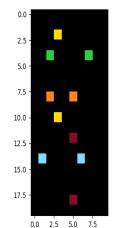
To make the output, you have to...count the number of blue squares in the input. You will need this same number of squares in the output, but the new squares will become red and will be relocated in the following order until you have used the same number of squares that you counted; First red square goes in top left; second red square (if any) goes if top middle; third red square (if any) goes in top right and fourth red square (if any) goes in middle of grid.

## Task ID: 40853293

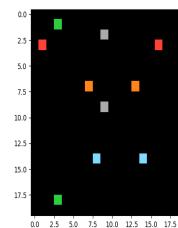
train



train

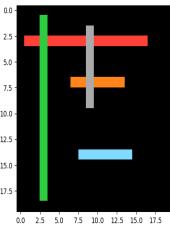


test

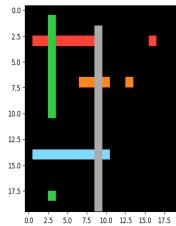


## GPT-4 Generations

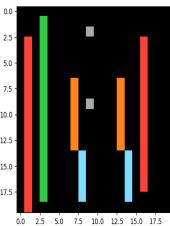
Target



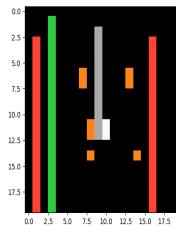
io\_only



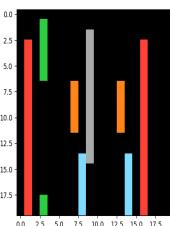
nl\_and\_io



nl\_only

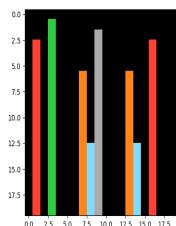


nl\_and\_io



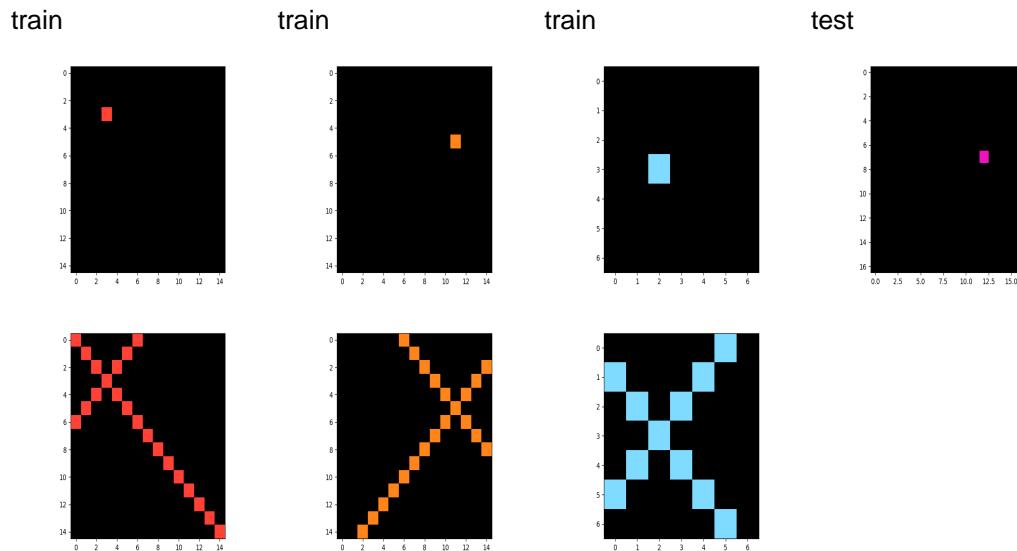
To make the output, you have to...join the lines, red with red, green with green and the same with the other colors, lines cross each other but up to down lines are on top.

nl\_only

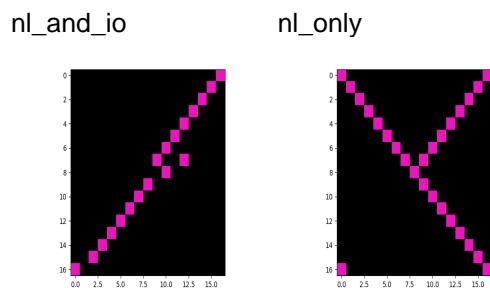
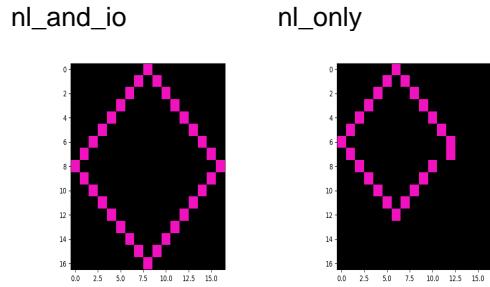
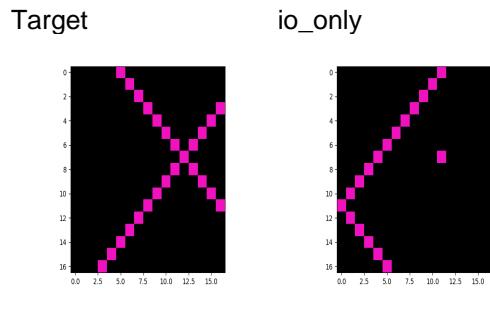


To make the output, you have to...connect similar colors with that color. where they overlap you should use the vertical color

## Task ID: 623ea044



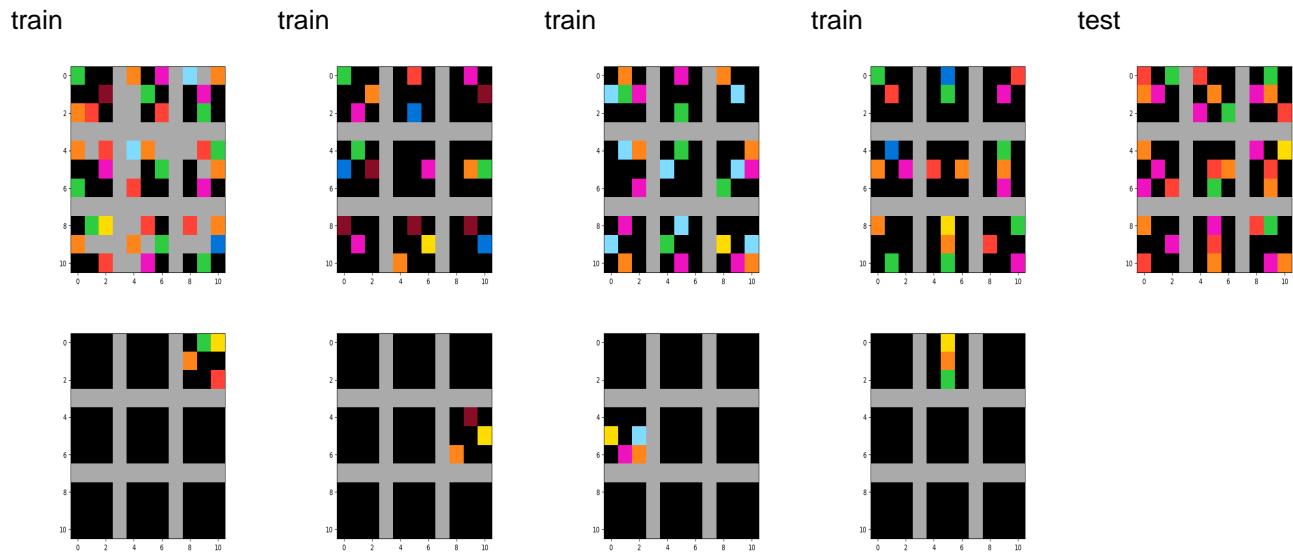
## GPT-4 Generations



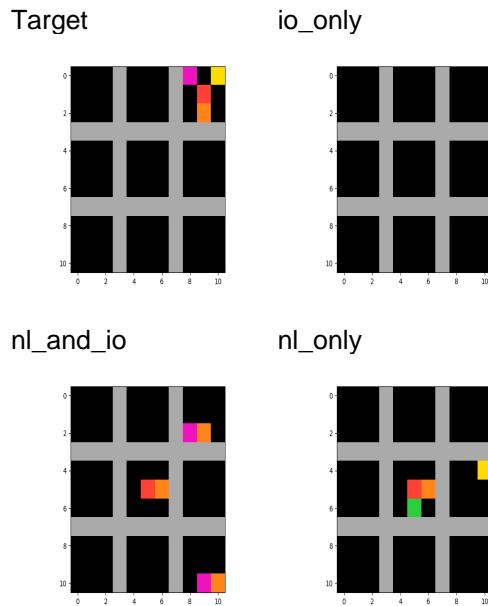
To make the output, you have to...add squares of the same color as the original square such that each added square extends diagonally in 4 directions from each corner of the original square until each line extending from the original square reaches a side or a corner of the grid. The diagonal lines will form an X pattern that may have one or more long arms or legs

To make the output, you have to...add the same colored box on all four corners to form an X. Continue out from those boxes in a straight line to form a cross or t shape.

## Task ID: 6d0160f0



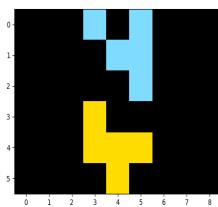
## GPT-4 Generations



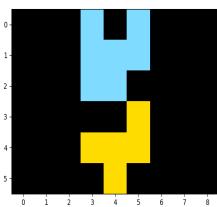
To make the output, you have to...take the 3x3 area with a yellow square and move it into a 3x3 area corresponding to where the yellow square is within the 9 squares. Then make all other squares within the other 9 squares black and any grey squares within the 9 squares black. The lines of grey stay.

## Task ID: 760b3cac

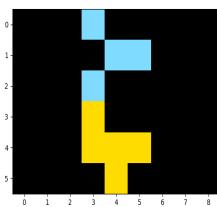
train



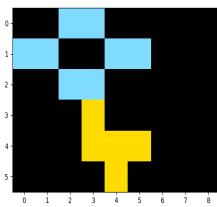
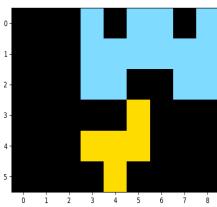
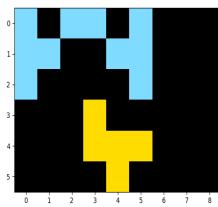
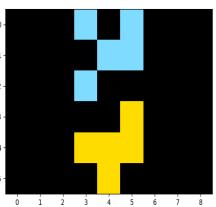
train



train

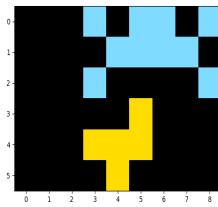


test

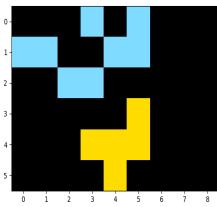


## GPT-4 Generations

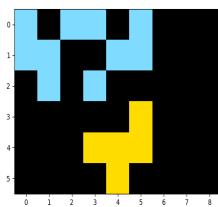
Target



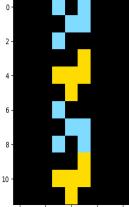
io\_only



nl\_and\_io



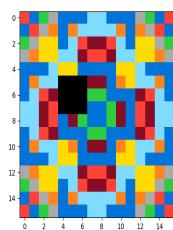
nl\_only



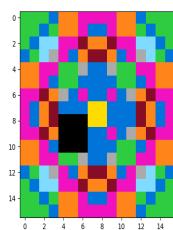
To make the output, you have to...create a mirror image of the top shape and place it to the side of that shape.

## Task ID: 9ecd008a

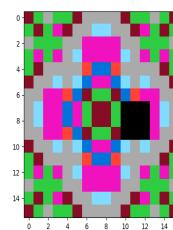
train



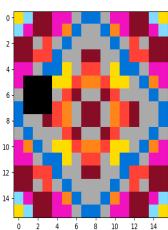
train



train

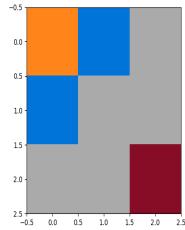


test

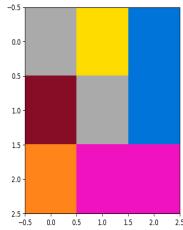


## GPT-4 Generations

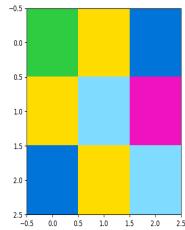
Target



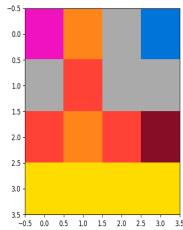
io\_only



nl\_and\_io

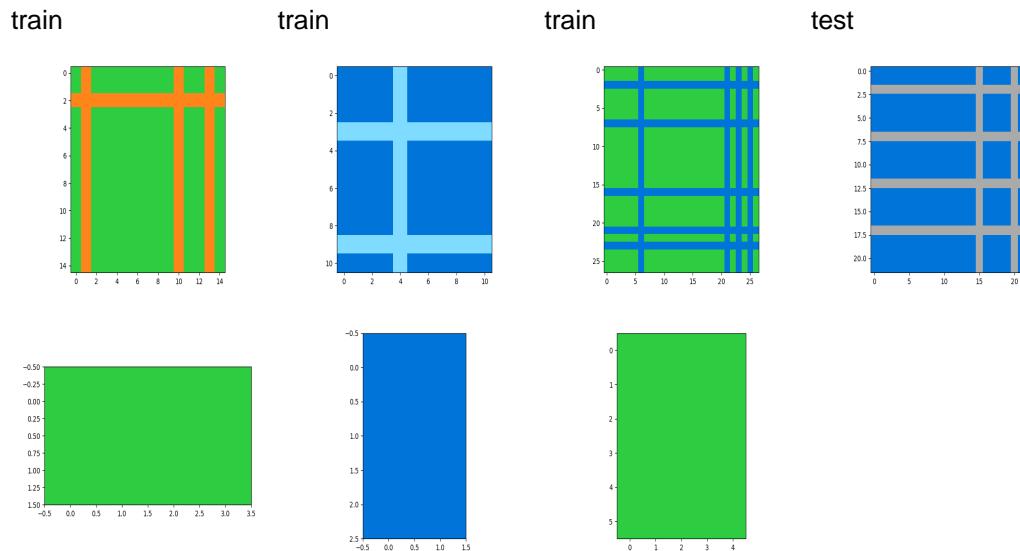


nl\_only

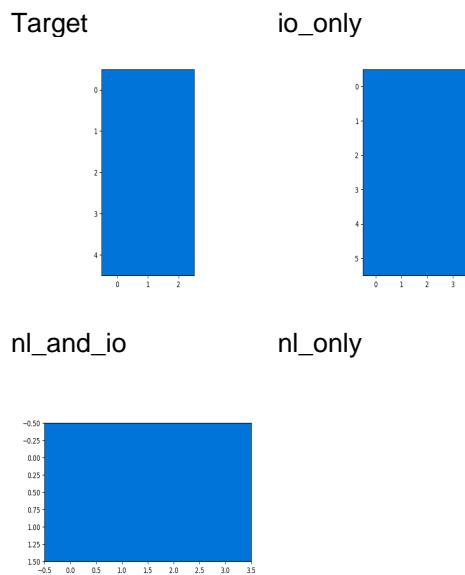


To make the output, you have to...fill the black spots with the exact same pattern that need to be filled in the original grid.

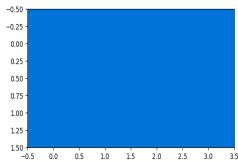
## Task ID: 1190e5a7



## GPT-4 Generations



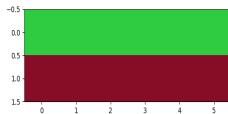
nl\_and\_io      nl\_only



To make the output, you have to...successfully

## Task ID: e9afcfc9a

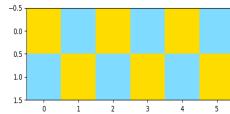
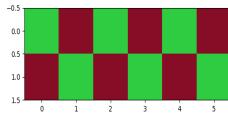
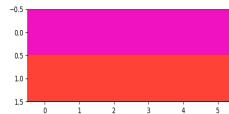
train



train

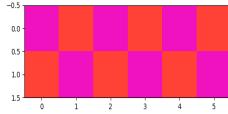


test

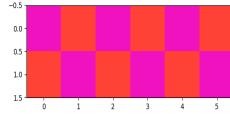


## GPT-4 Generations

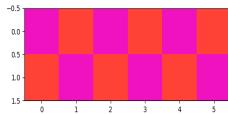
Target



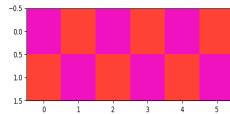
io\_only



nl\_and\_io

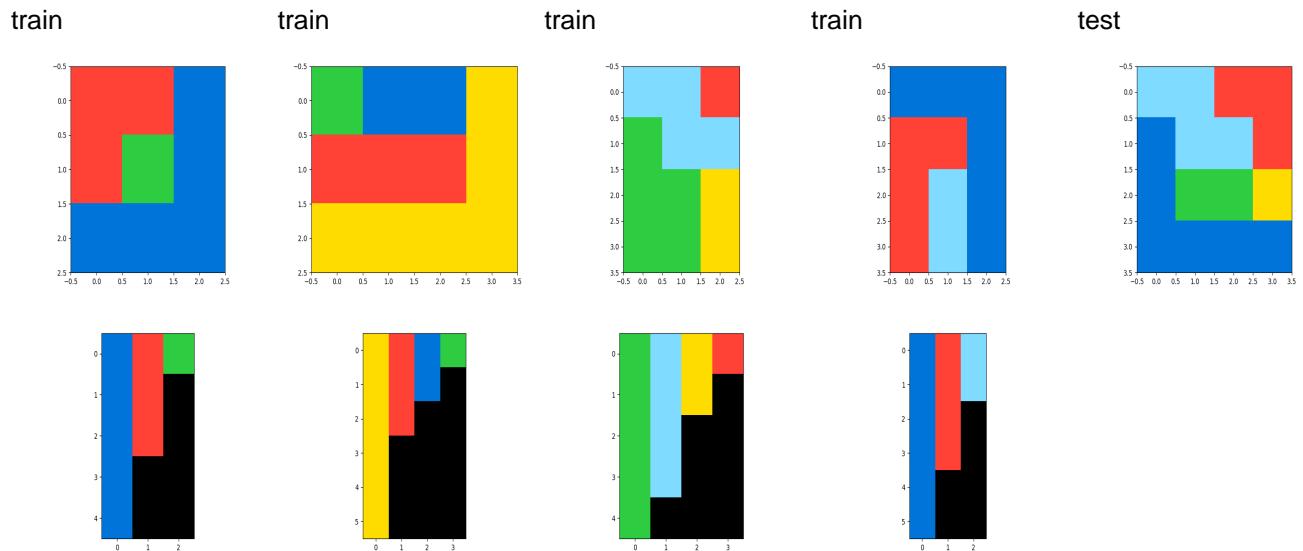


nl\_only

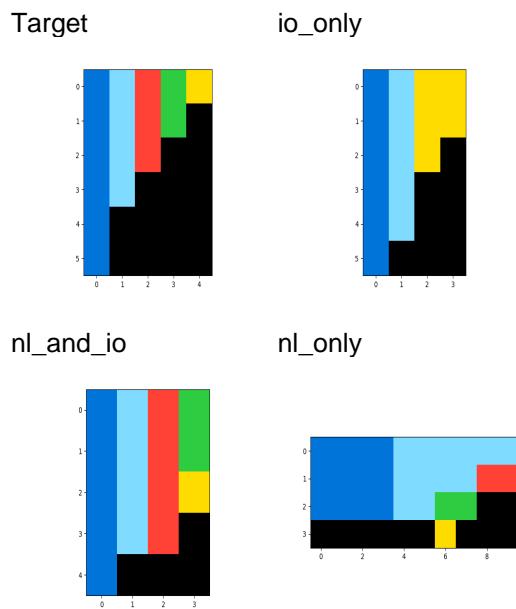


To make the output, you have to...start with the color that is on the top. Fill in that line with that color every other square, begin with first square. Fill in the rest in that line with the second color. For the next line, start with the color that is already there (the second color) and fill in in the same every other square pattern. It should look like a game board. The first color in every line is the color of the input grid

## Task ID: 9af7a82c



## GPT-4 Generations



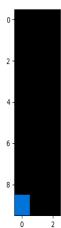
To make the output, you have to...in a black background, fill out the left with the most ... color. Then the second most...third most..continue. Start it from the top.

## Task ID: e179c5f4

train



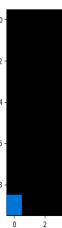
train



train

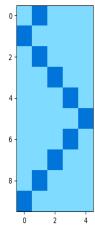


test

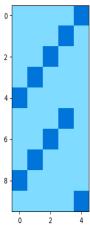


## GPT-4 Generations

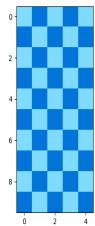
Target



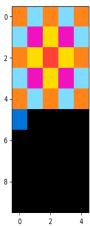
io\_only



nl\_and\_io

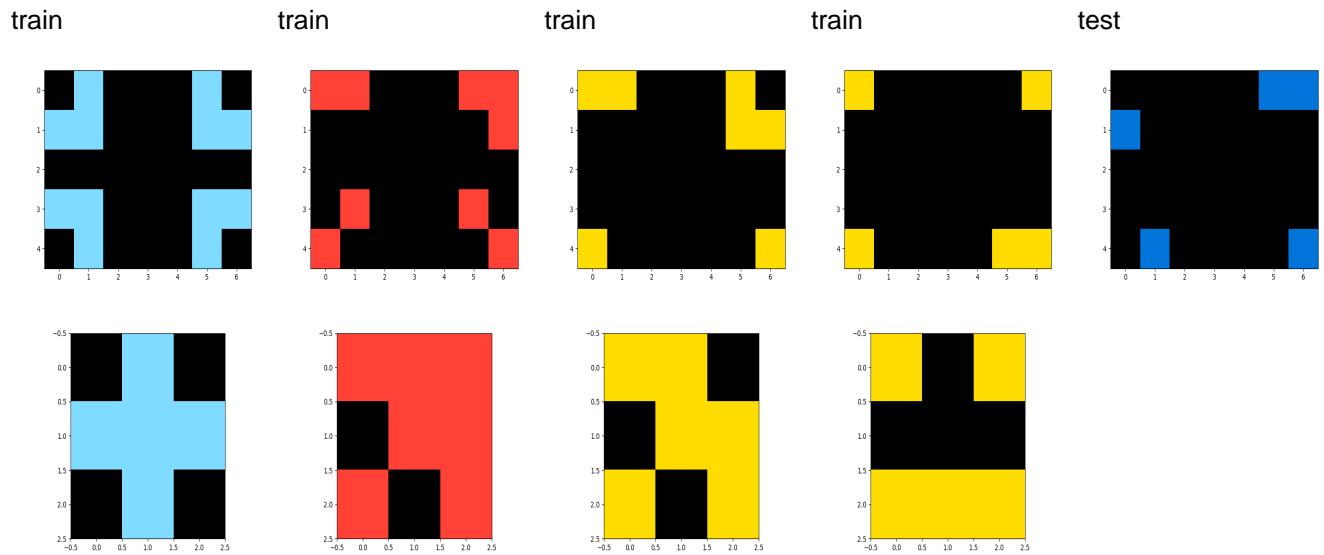


nl\_only

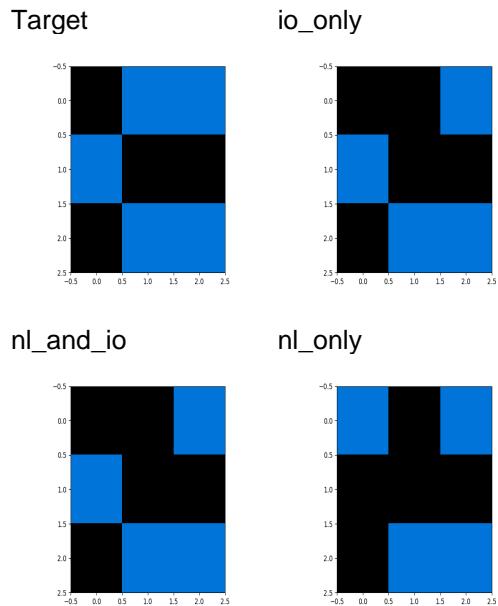


To make the output, you have to...add the same color dark blue pixel in a zig-zag pattern moving up the grid. Each pixel should be filled in on a diagonal going up and to the right until you read the edge of the grid. Then you should keep moving on the diagonal up and to the left until you reach the left side of the grid. Keep repeating until you reach the top of the grid. Then fill in the rest of the spaces with the light blue color.

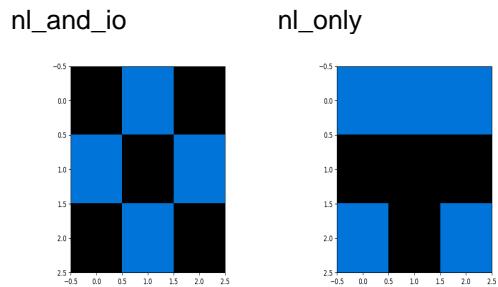
## Task ID: bc1d5164



## GPT-4 Generations



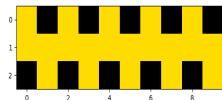
To make the output, you have to... imagine you are squishing the original grid horizontally and vertically. The colored dots move and overlap on top of the background.



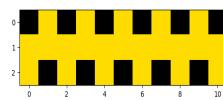
To make the output, you have to... squeeze the color other than black together so that when the section of the color come together the pattern is complete

**Task ID:** ba26e723

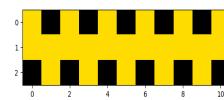
train



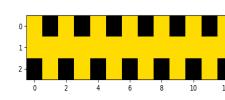
train



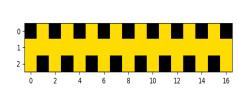
train



train



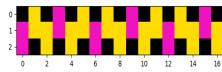
test



## **GPT-4 Generations**

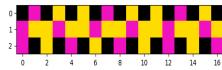
## Target

io\_only



## nl\_and\_io

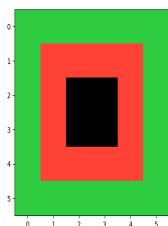
nl\_only



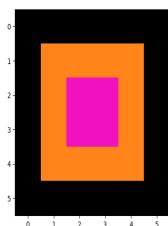
To make the output, you have to...start by changing the first set of two blocks to pink. Then skip two pairs and change the next two pink. Complete this pattern to the end of the grid.

## Task ID: bda2d7a6

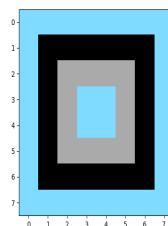
train



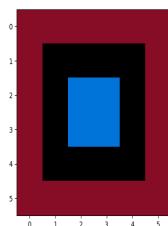
train



train

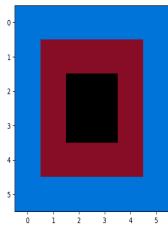


test

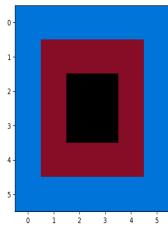


## GPT-4 Generations

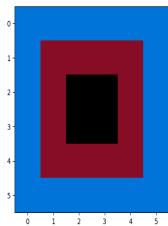
Target



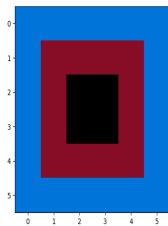
io\_only



nl\_and\_io

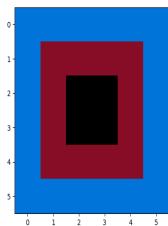


nl\_only

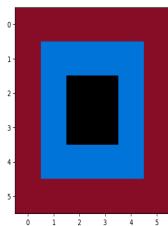


To make the output, you have to...change the color of the 6x6 grid to the 2x2 color, the 4x4 change to the 6x6 color and the 2x2 color to the 4x4 color

nl\_and\_io

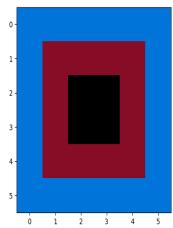


nl\_only

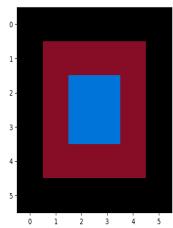


To make the output, you have to...change the color of center black 2x2 grid to that of 4X4 grid color, 4X4 change to 6X6 color, and 6X6 change to old 2X2 color

nl\_and\_io

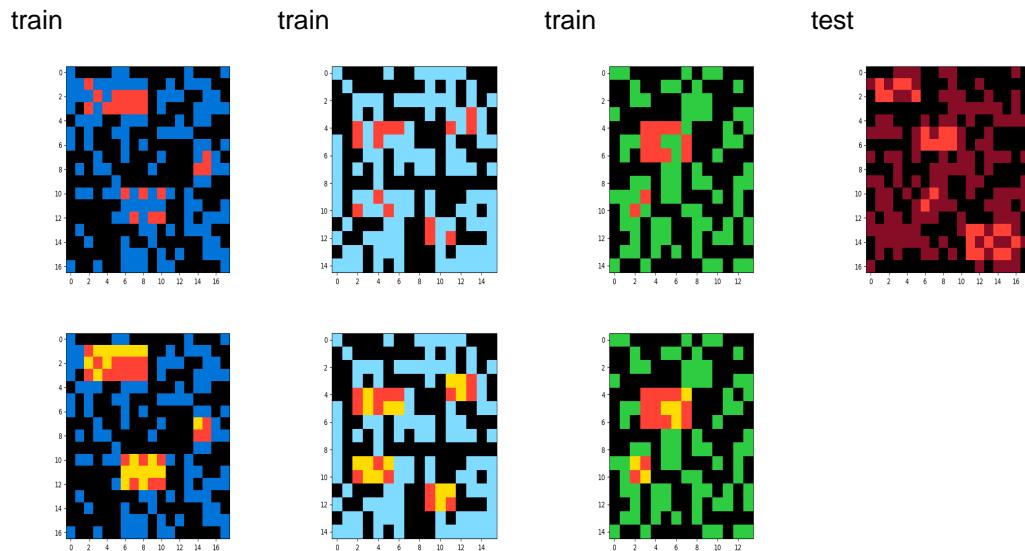


nl\_only

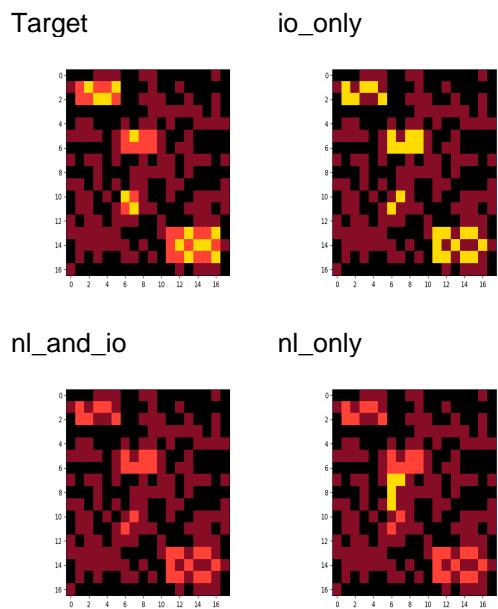


To make the output, you have to... change the color of the center square to the color of the second square, then change the second square to the color of the third square, and continue until you get to the largest square which should take on the color of the input center square

## Task ID: 36fdfd69



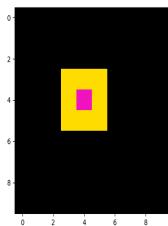
## GPT-4 Generations



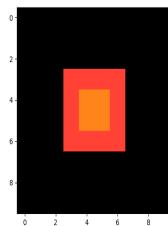
To make the output, you have to... copy the input grid. Connect the red squares with yellow to create yellow and red rectangles or squares. Only connect red squares that are close together. Do not turn any black squares yellow - only connect red squares that you can connect by making the other color in the grid yellow. The output grid will have more than one yellow and red rectangle or square.

## Task ID: 3befdf3e

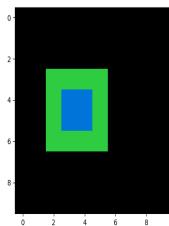
train



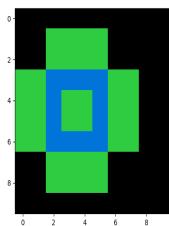
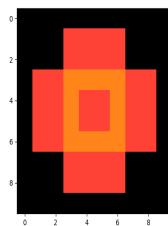
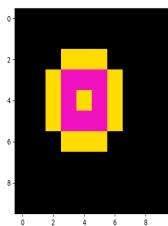
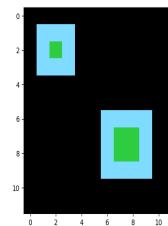
train



train

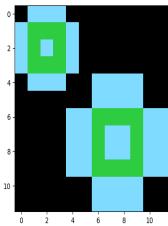


test

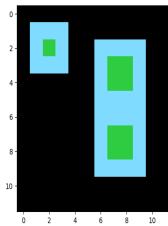


## GPT-4 Generations

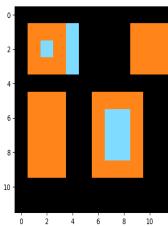
Target



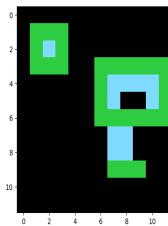
io\_only



nl\_and\_io

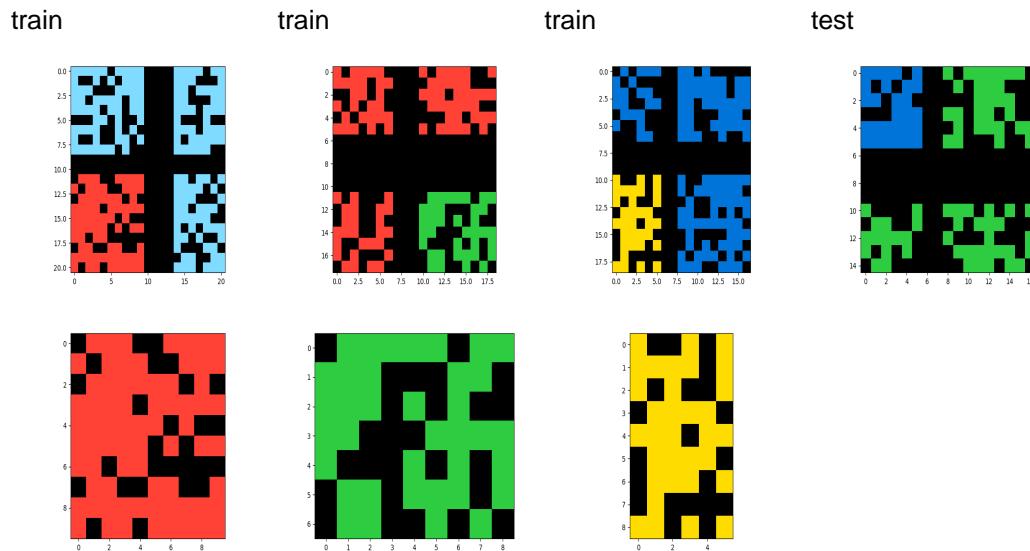


nl\_only

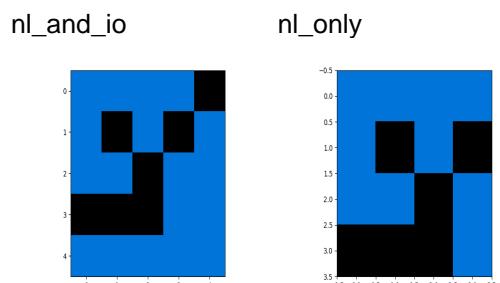
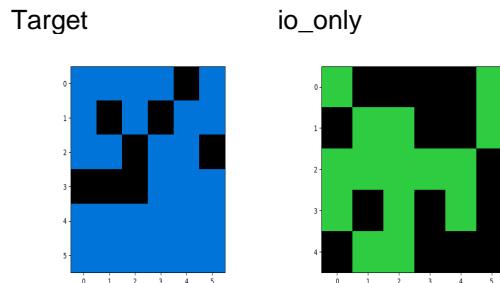


To make the output, you have to...inverse the colors used in the original shape then add adjacent 4x2 shapes to the outer square on all four sides in the color of the new center square if it had a 2x2 center in the input, or a 3x1 shape on all four sides if the center had a 1x1 shape

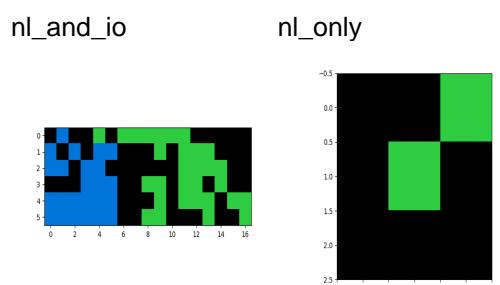
## Task ID: 0b148d64



## GPT-4 Generations

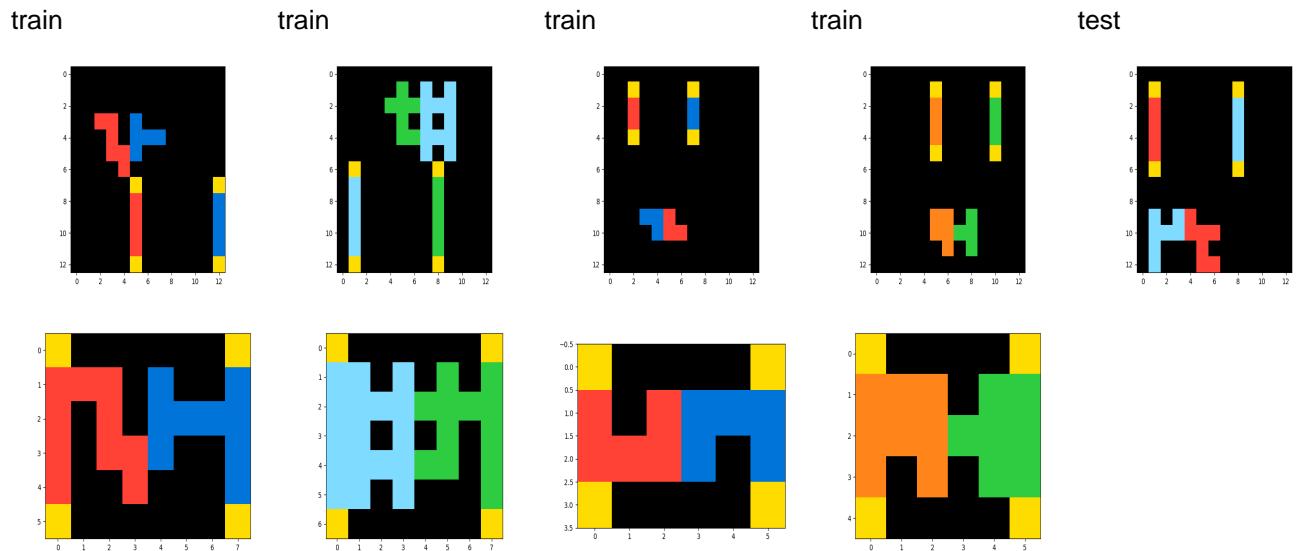


To make the output, you have to...copy the pattern that is a different color

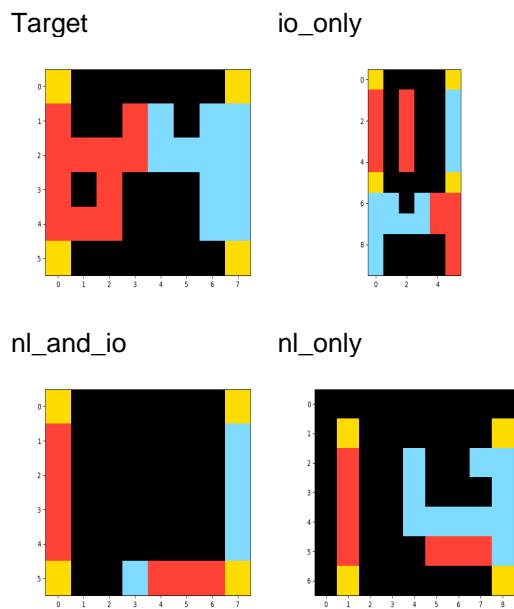


To make the output, you have to... make it the area that is a different color.

## Task ID: 846bdb03

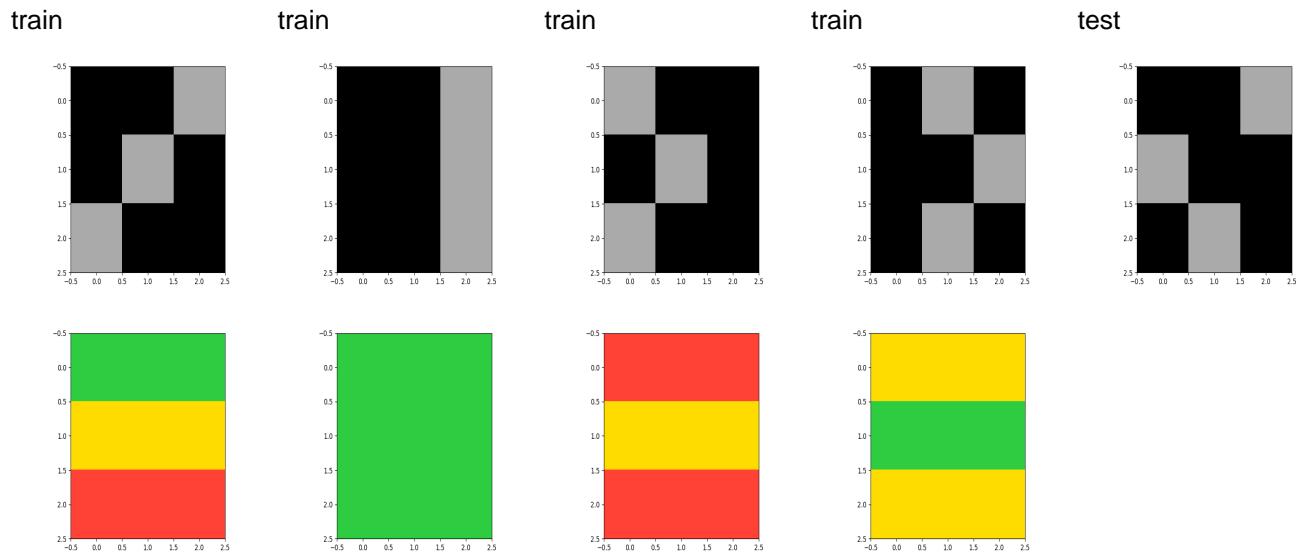


## GPT-4 Generations

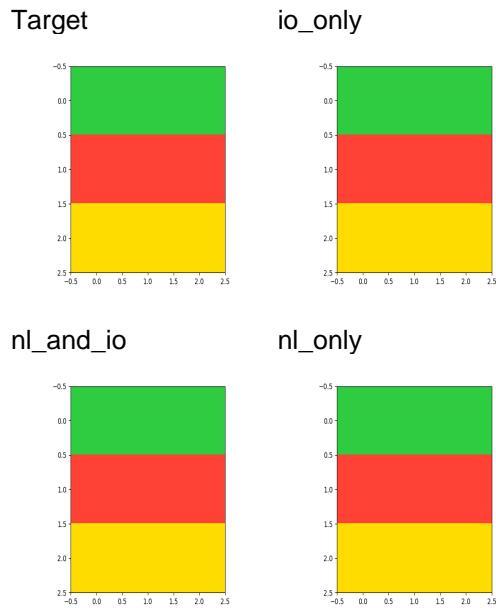


To make the output, you have to... First, create a black grid according to the output grid size. Next, draw the vertical line shapes on the output grid identical to those on the input grid, and the space between the shapes should be the same too. Then, draw the other two shapes that join together in the middle of the grid, making sure that their colors match the colors of the middle part of the vertical line shapes. If the original color arrangement of the other shapes do not match the vertical line shapes, you need to flip the other shapes and draw them mirroring the original pattern so they match the color of the vertical line shapes. Note that the other two join shapes have to be drawn in the middle of the grid and nothing should be drawn on the grid where the yellow squares are.

## Task ID: a85d4709

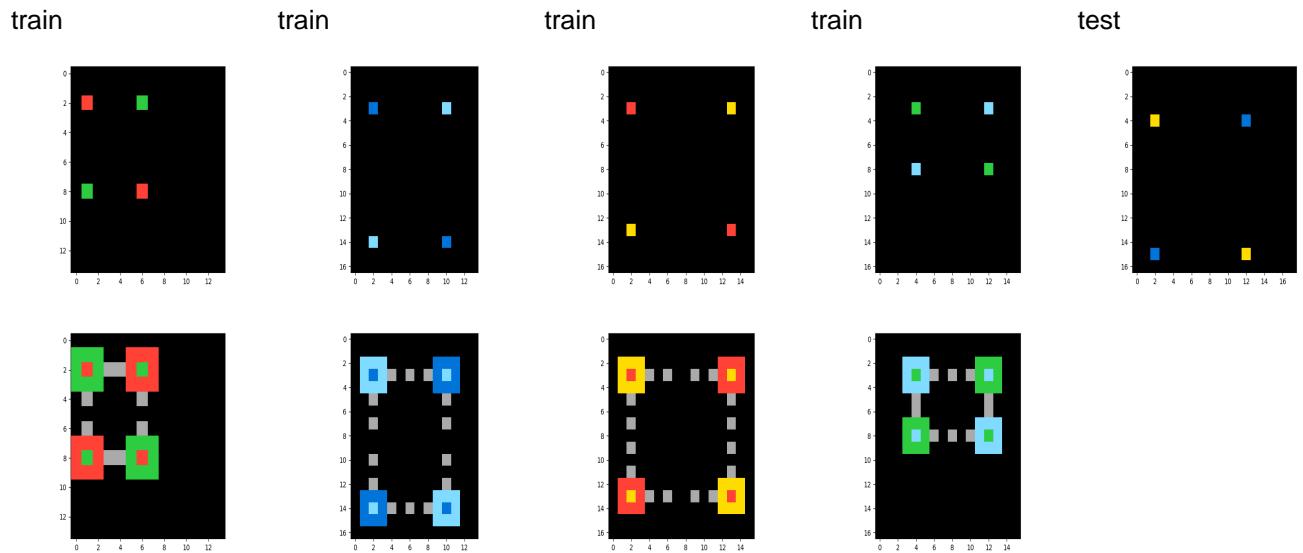


## GPT-4 Generations

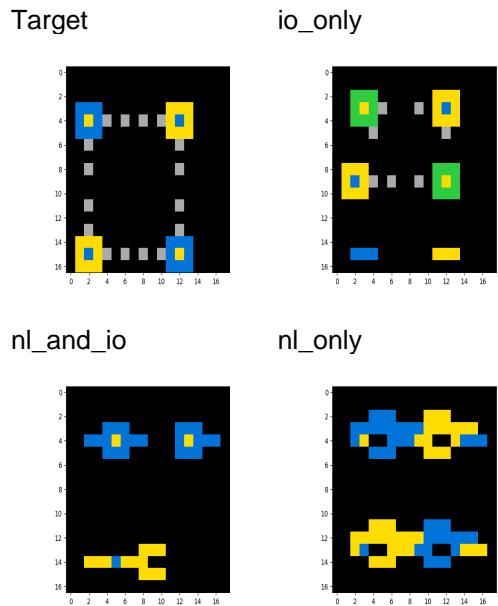


To make the output, you have to...make the row green if two blocks appear together on the left, yellow if two blocks are separated by a gray block in the middle, and red if two blocks appear together on the right on each row

## Task ID: f35d900a



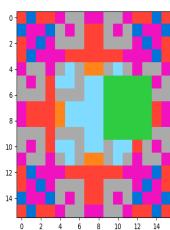
## GPT-4 Generations



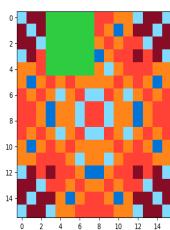
To make the output, you have to...copy the input grid, identify the colors of the colored grids. we will call it color A and color B. Around the grids with color A, create a 3x3 square with color B, surrounding the color A grids. Around the grids with color B, create a 3x3 square with color A, surrounding the color B grids. Now we should have four 3x3 squares, in which two squares are A color with B colored grid in their centers.

## Task ID: dc0a314f

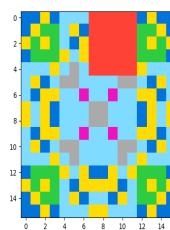
train



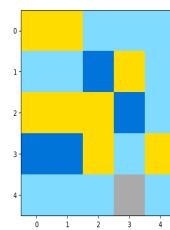
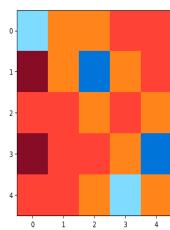
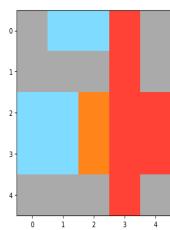
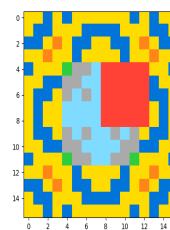
train



train

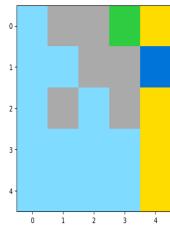


test

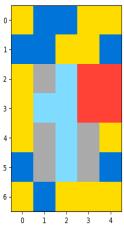


## GPT-4 Generations

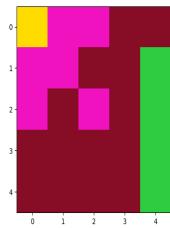
Target



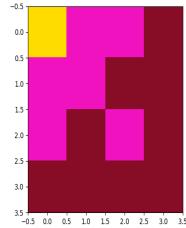
io\_only



nl\_and\_io

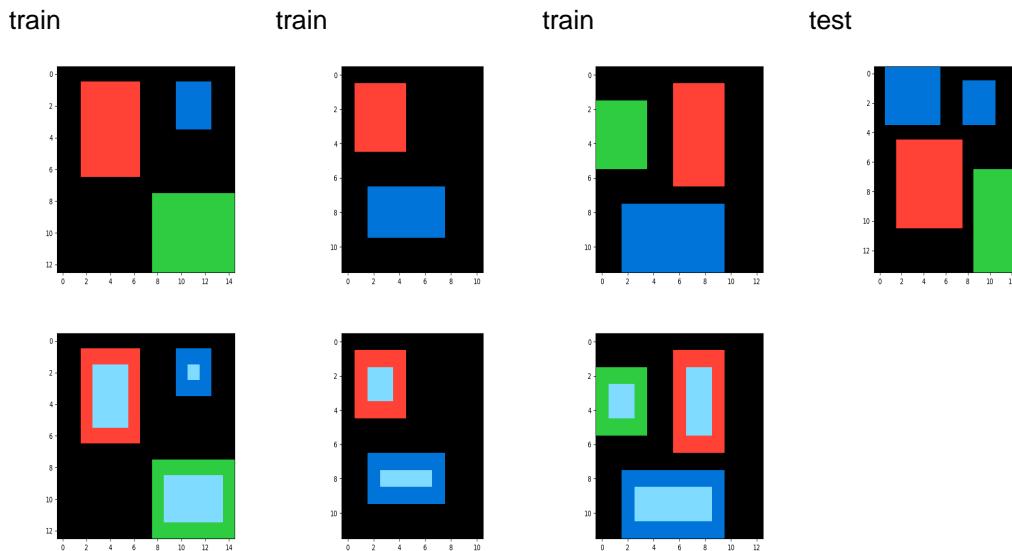


nl\_only

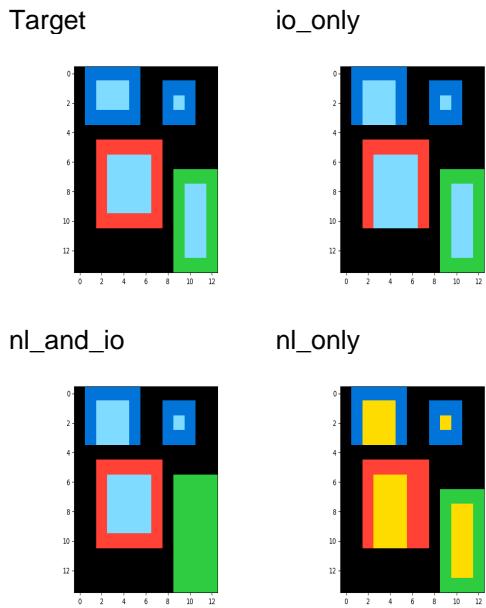


To make the output, you have to...paint the green square to match the pattern of the mosaic, like the missing puzzle piece.

## Task ID: 50cb2852

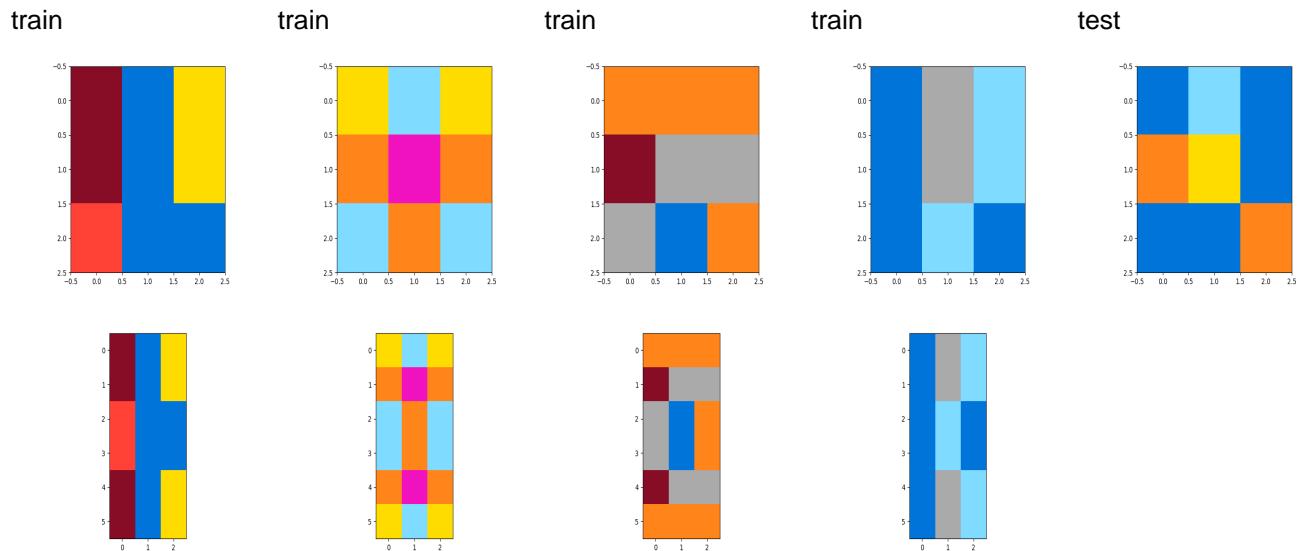


## GPT-4 Generations

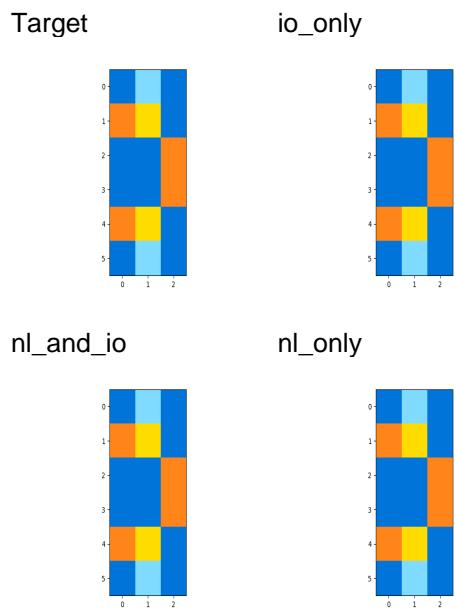


To make the output, you have to...color the inside of each colored area with light blue. Leave the outside of the colored shapes the example color one cube deep all the way around.

## Task ID: 6fa7a44f



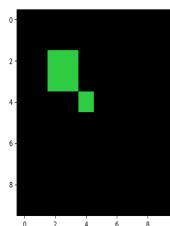
## GPT-4 Generations



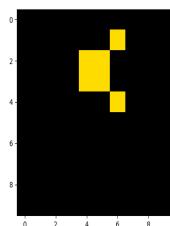
To make the output, you have to...place the input grid in the top 3x3 space and create a mirror image in the bottom 3x3 space.

## Task ID: 7ddcd7ec

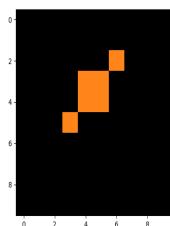
train



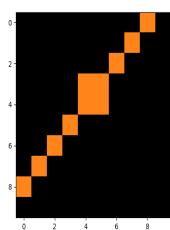
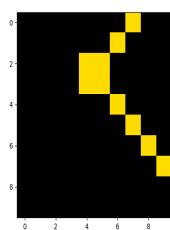
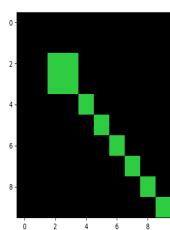
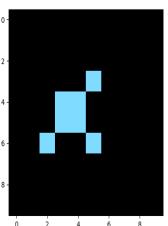
train



train

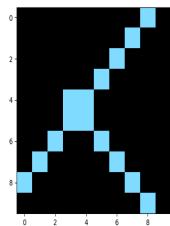


test

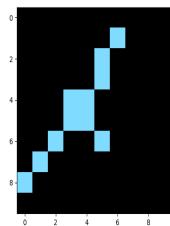


## GPT-4 Generations

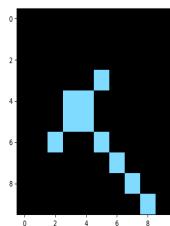
Target



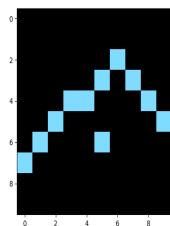
io\_only



nl\_and\_io



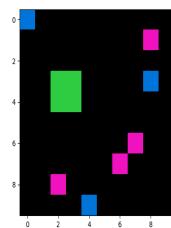
nl\_only



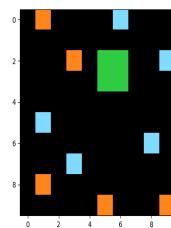
To make the output, you have to...continue the single block diagonally to the edge with the same color

## Task ID: d43fd935

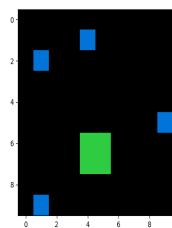
train



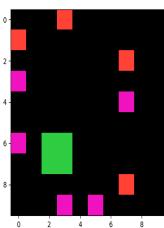
train



train

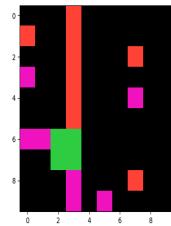


test

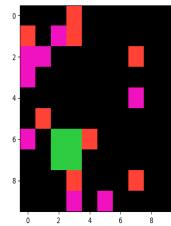


## GPT-4 Generations

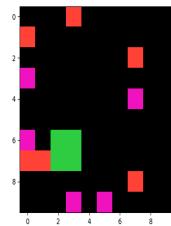
Target



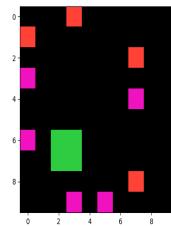
io\_only



nl\_and\_io

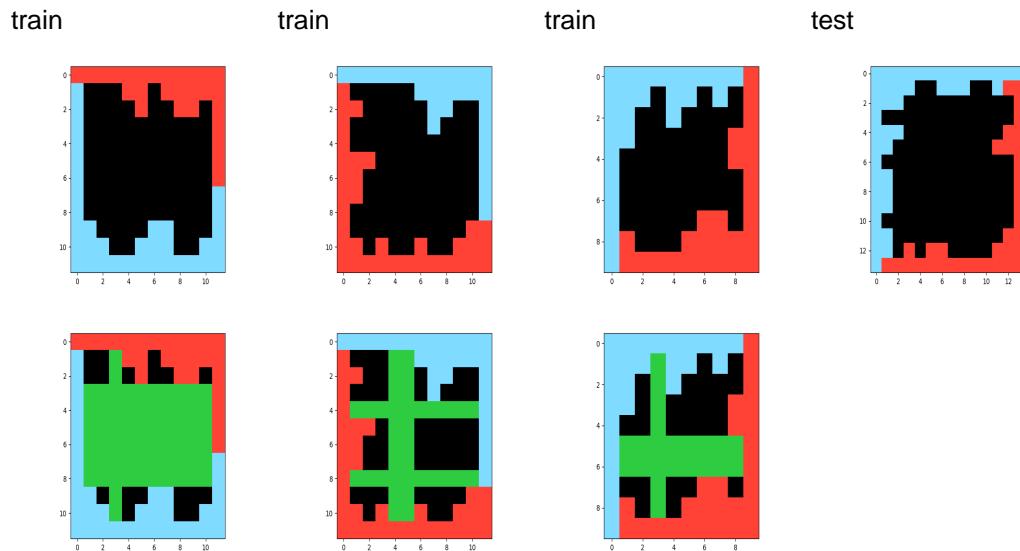


nl\_only

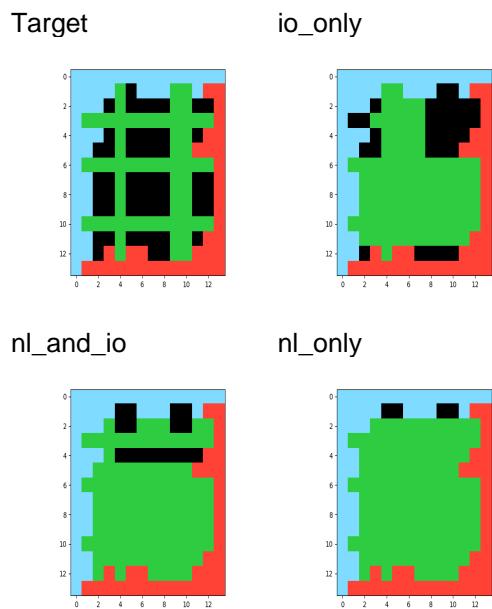


To make the output, you have to... copy the input grid. Then, connect the 2x2 green square to any and all other colored squares which you can reach with a straight line. Use the color of the square to which you are connecting the 2x2 green square. Fill in all of the black squares between that square and the 2x2 green square. Leave the rest of the grid - including any colored square you can't reach with a straight line - as they are.

## Task ID: 2bee17df



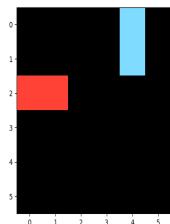
## GPT-4 Generations



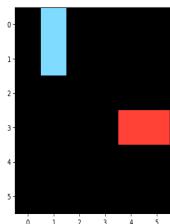
To make the output, you have to...Copy the input grid into the output. Around the outside of the grid, you will notice some squares are only one square deep around. Take note of these squares. Using green, draw straight lines horizontally and vertically from these squares that are only one deep around the outside, connecting them ONLY to squares on the other side of the grid that also are only one square deep.

### **Task ID: bdad9b1f**

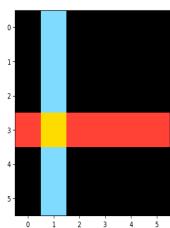
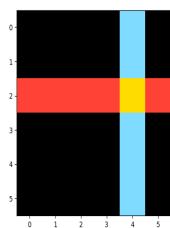
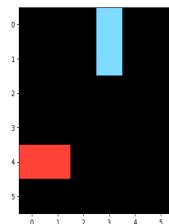
train



train

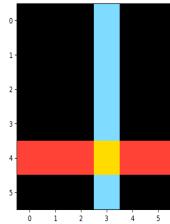


test

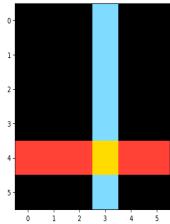


### **GPT-4 Generations**

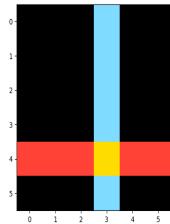
Target



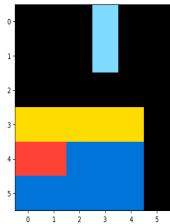
io\_only



nl\_and\_io

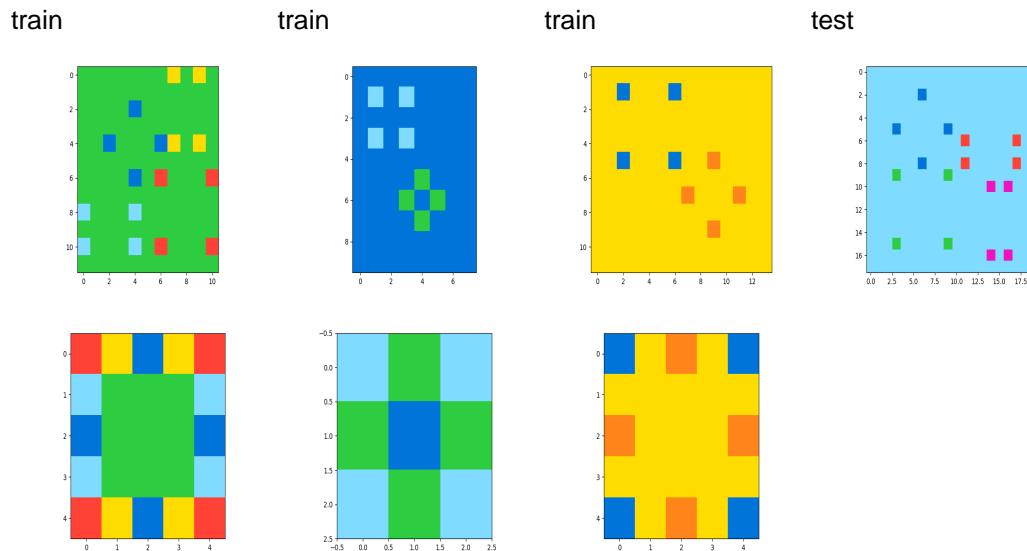


nl\_only

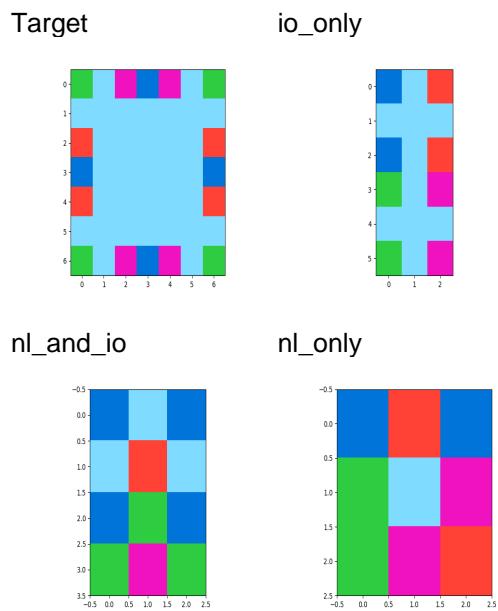


To make the output, you have to... continue the pattern of red squares horizontal and continue the blue squares vertical to reach the edge of the grid. On the square that blue and red squares crosses, color that one yellow.

## Task ID: c8cbb738

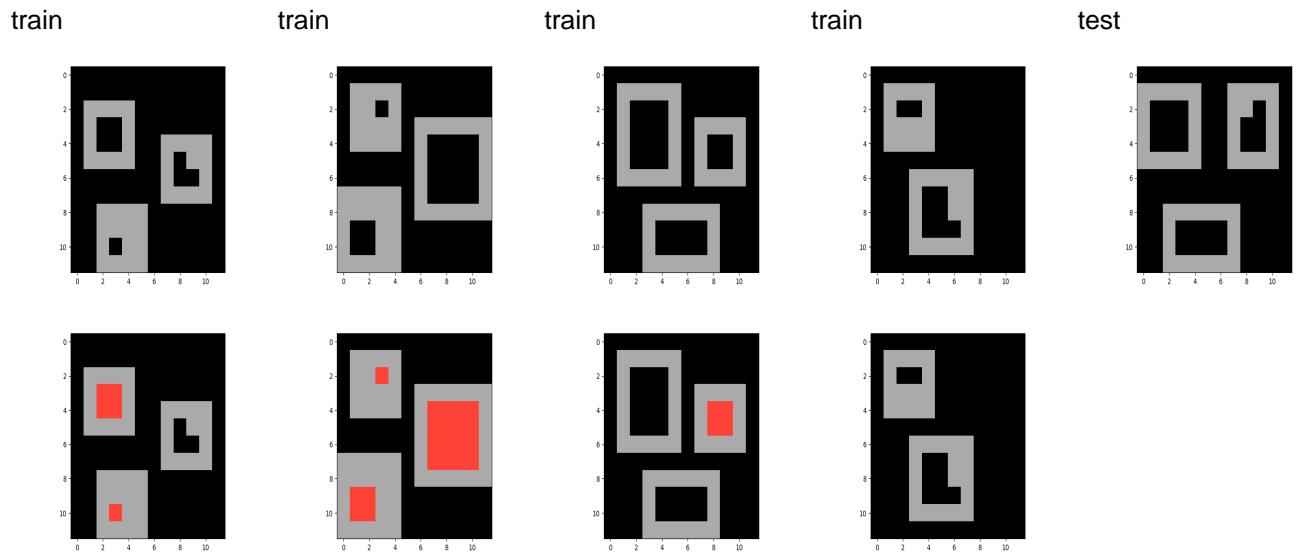


## GPT-4 Generations

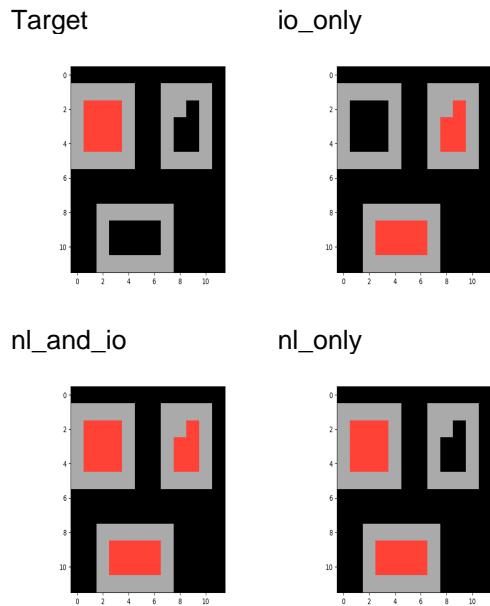


To make the output, you have to...place all the groups of pixels on top of each other keeping all colors the same. Leave any left over blocks the color of the original background.

## Task ID: 44d8ac46



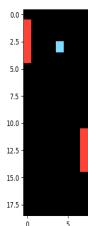
## GPT-4 Generations



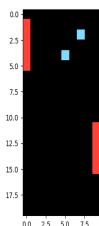
To make the output, you have to...fill the black area within the gray with red if it is a square; otherwise, leave it alone.

## Task ID: 673ef223

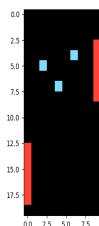
train



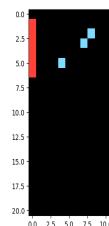
train



train

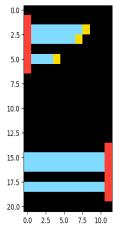


test

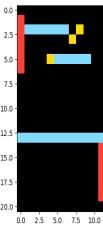


## GPT-4 Generations

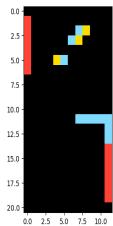
Target



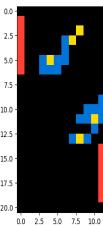
io\_only



nl\_and\_io

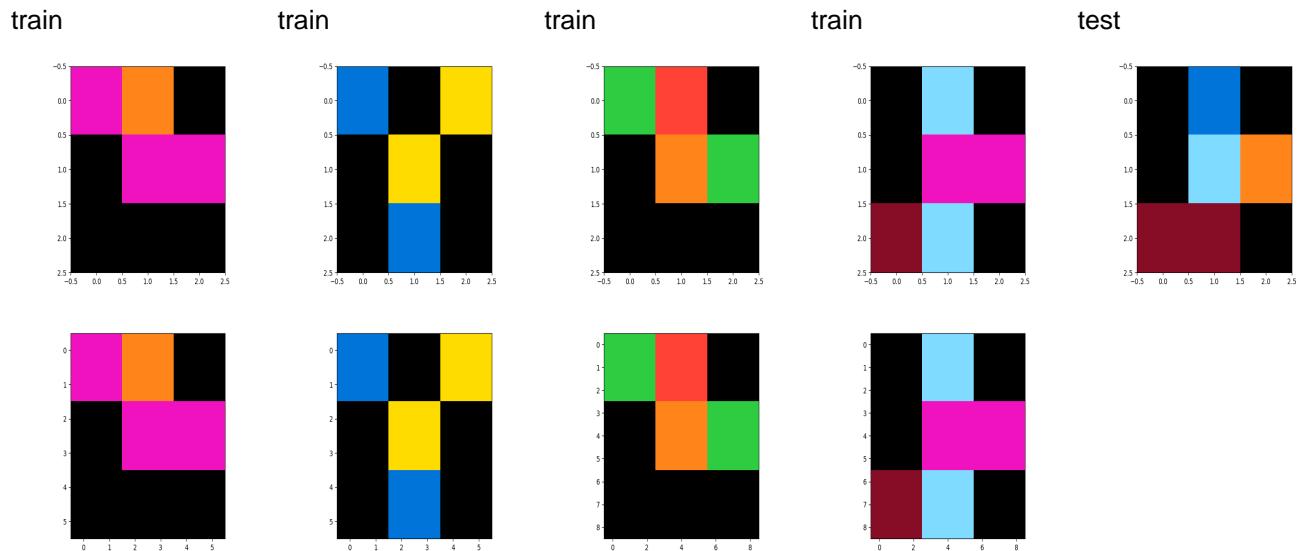


nl\_only

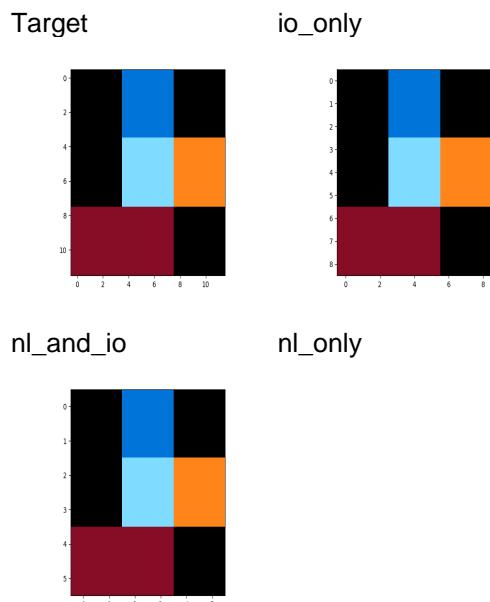


To make the output, you have to...change the dot color from blue to yellow, and connect them to the red line using blue dots. Mirror the same design on the bottom but instead of stopping where the yellow dots WOULD be, continue to the edge of the grid.

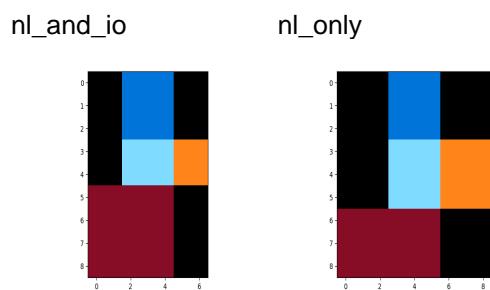
## Task ID: b91ae062



## GPT-4 Generations

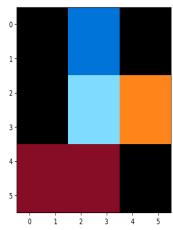


To make the output, you have to...re-create the same pattern with a single pixel becoming a square with sides of length corresponding to the number of colors in the original pattern. In other words, simply increase the resolution of the input by the number of colors it contains.

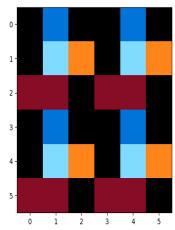


To make the output, you have to... just multiply the size of the output grid as stated in the last sentence, but make sure the colors take up as much space as before (if it's a 9x9 grid, each color square will be 3x3, for instance).

nl\_and\_io

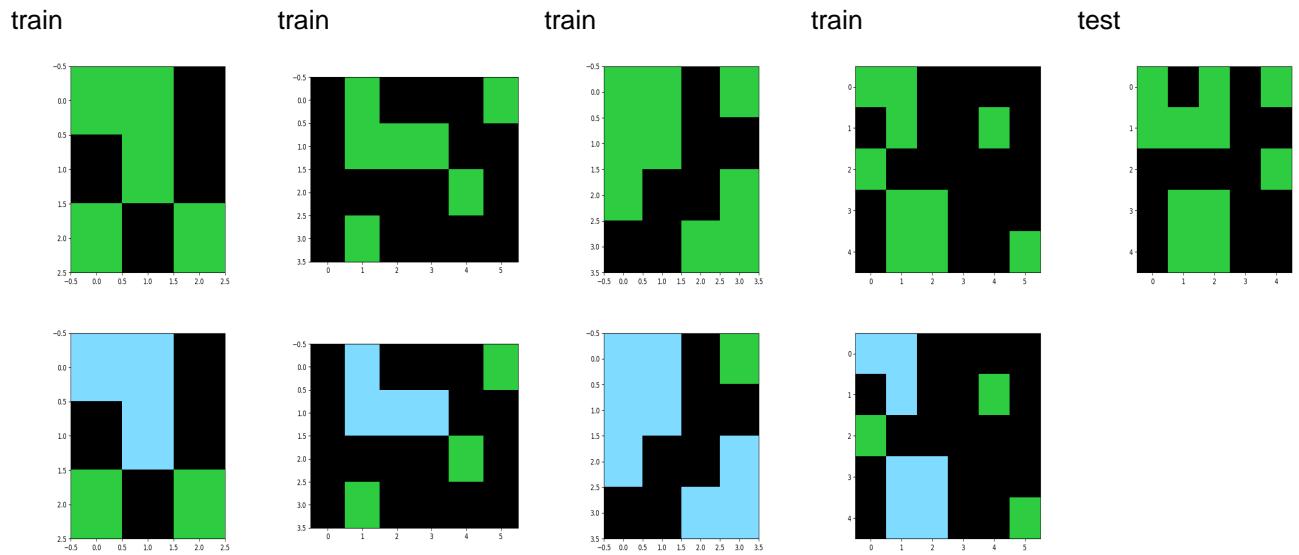


nl\_only

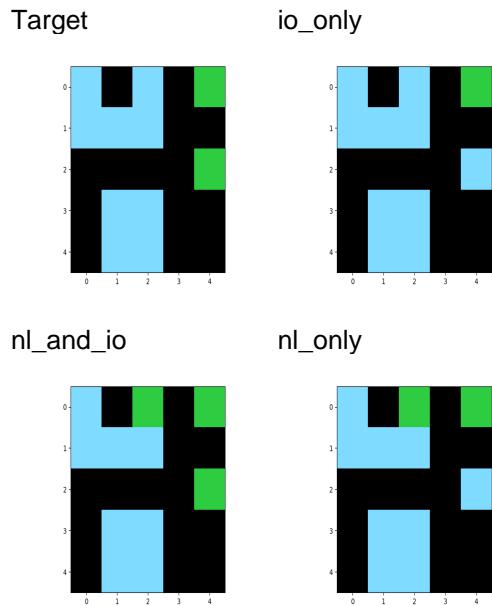


To make the output, you have to...double the block patterns 2 times  
the grid size

## Task ID: 67385a82

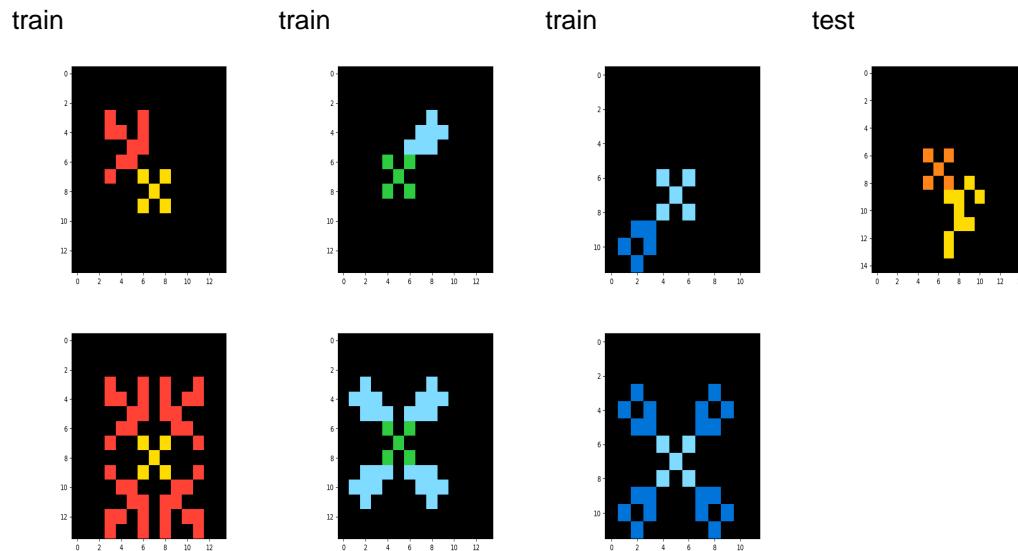


## GPT-4 Generations

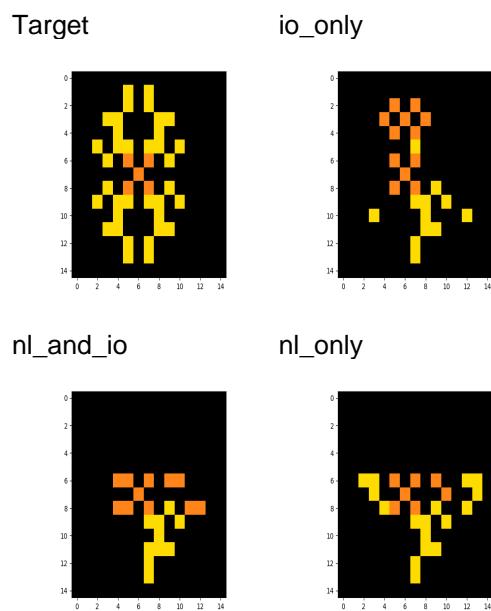


To make the output, you have to... any green colored blocks that are more than 2 connected blocks (1x2, 2x1, 2x2, or other shapes) should be changed to light blue.

## Task ID: 4c5c2cf0



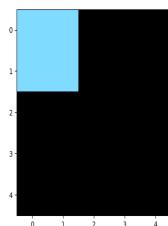
## GPT-4 Generations



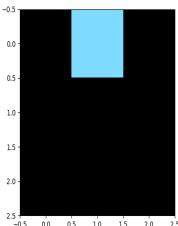
To make the output, you have to... add shapes to the remaining 3 corners of the cube shaped x. Mirror the separate shape and add it diagonally to adjacent corners of the cube shaped x. That should give you three corners with extending shapes. For the caddy corner, or furthest corner, or last blank corner, rotate the separate shape 180 degrees and add it diagonally to the cube shaped x. You should end up with a pattern that is identical when slicing in half vertically or horizontally, but not when slicing in half diagonally.

### Task ID: a79310a0

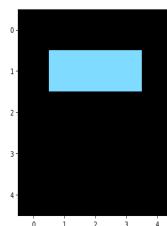
train



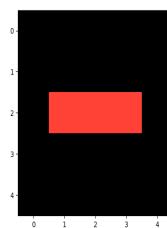
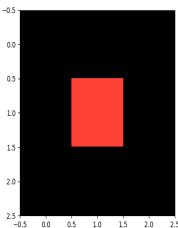
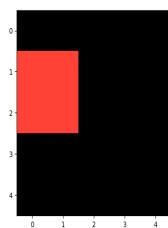
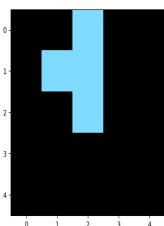
train



train

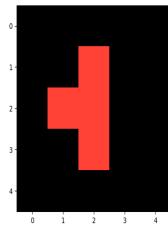


test

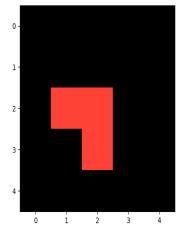


### GPT-4 Generations

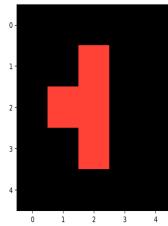
Target



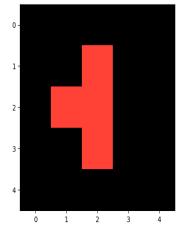
io\_only



nl\_and\_io



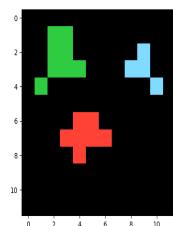
nl\_only



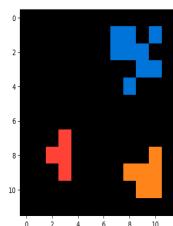
To make the output, you have to... Move colored square one line down and change to red

## Task ID: f8ff0b80

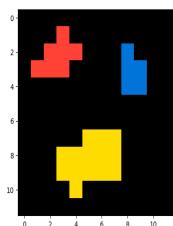
train



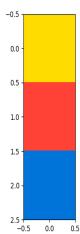
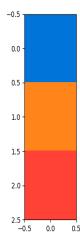
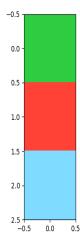
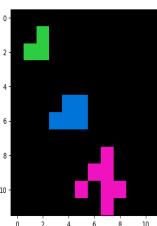
train



train

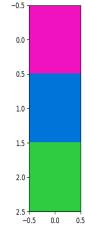


test

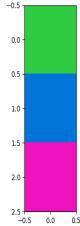


## GPT-4 Generations

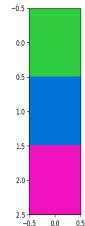
Target



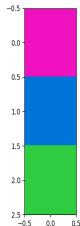
io\_only



nl\_and\_io



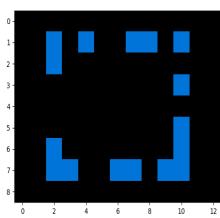
nl\_only



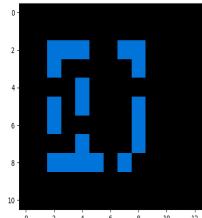
To make the output, you have to... Place the colors in order from most to least. For example the color that has the most squares should be the top square color in the output. You then just go down from there. Second most color will go below that.

## Task ID: 4612dd53

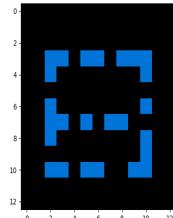
train



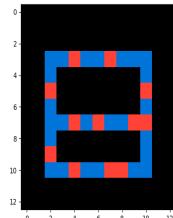
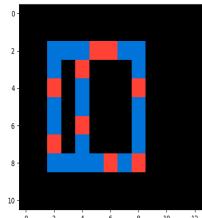
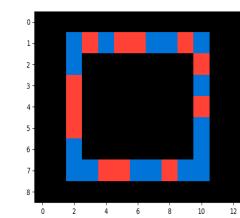
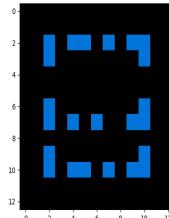
train



train

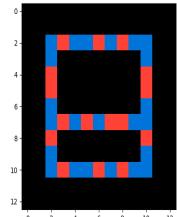


test

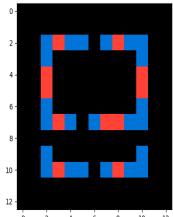


## GPT-4 Generations

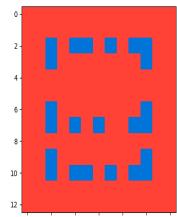
Target



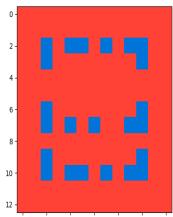
io\_only



nl\_and\_io

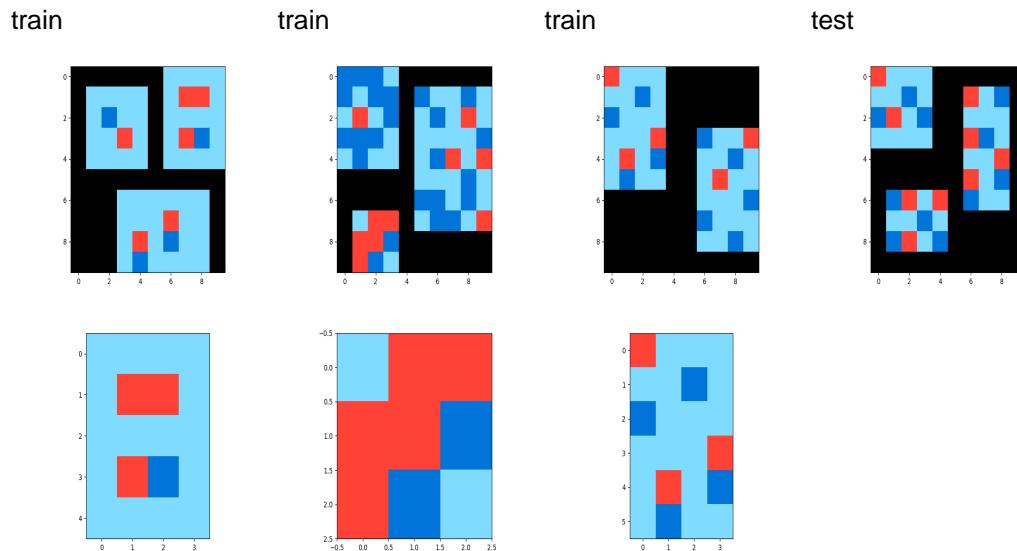


nl\_only

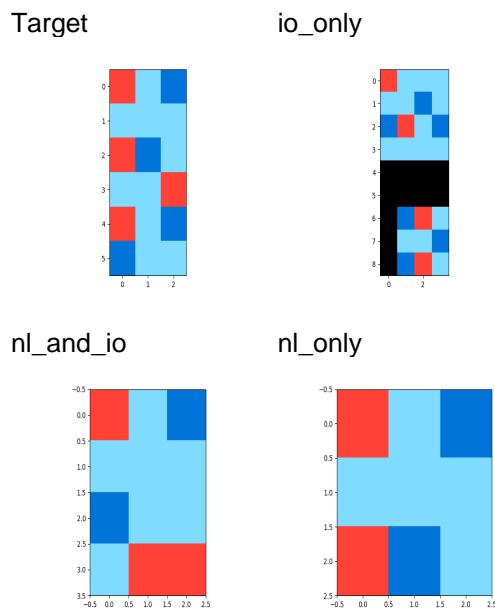


To make the output, you have to...Fill in the black squares with red

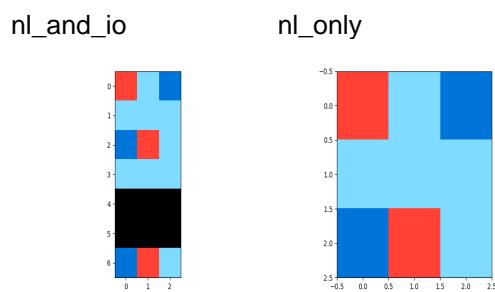
## Task ID: e50d258f



## GPT-4 Generations

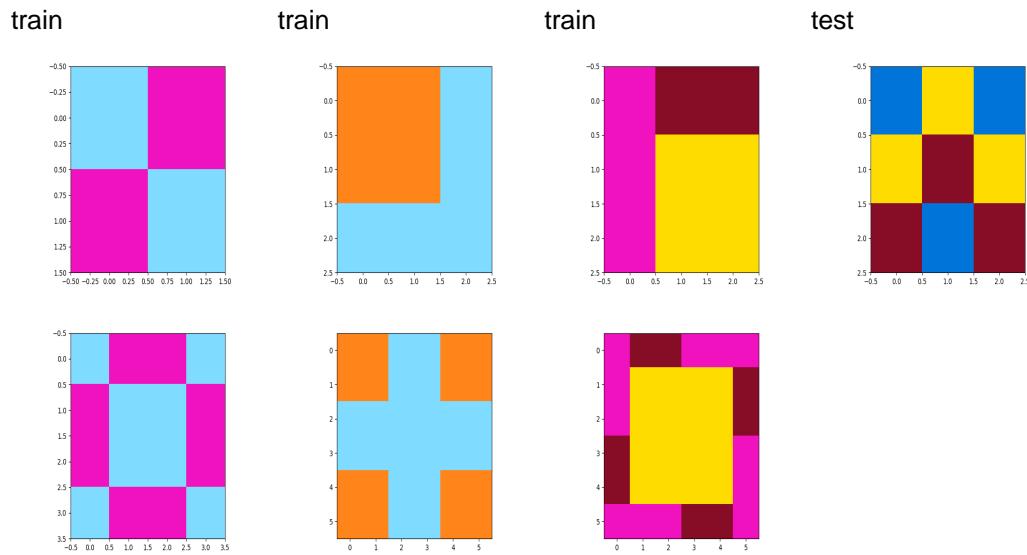


To make the output, you have to...copy the rectangular shape with the most red squares exactly

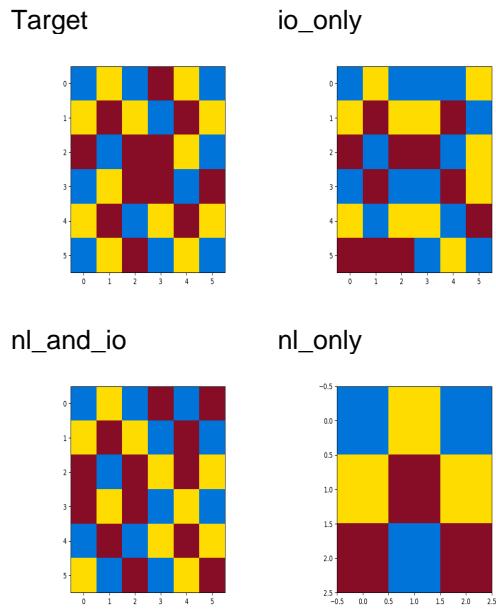


To make the output, you have to...create the pattern with the most red squares inside.

## Task ID: 46442a0e

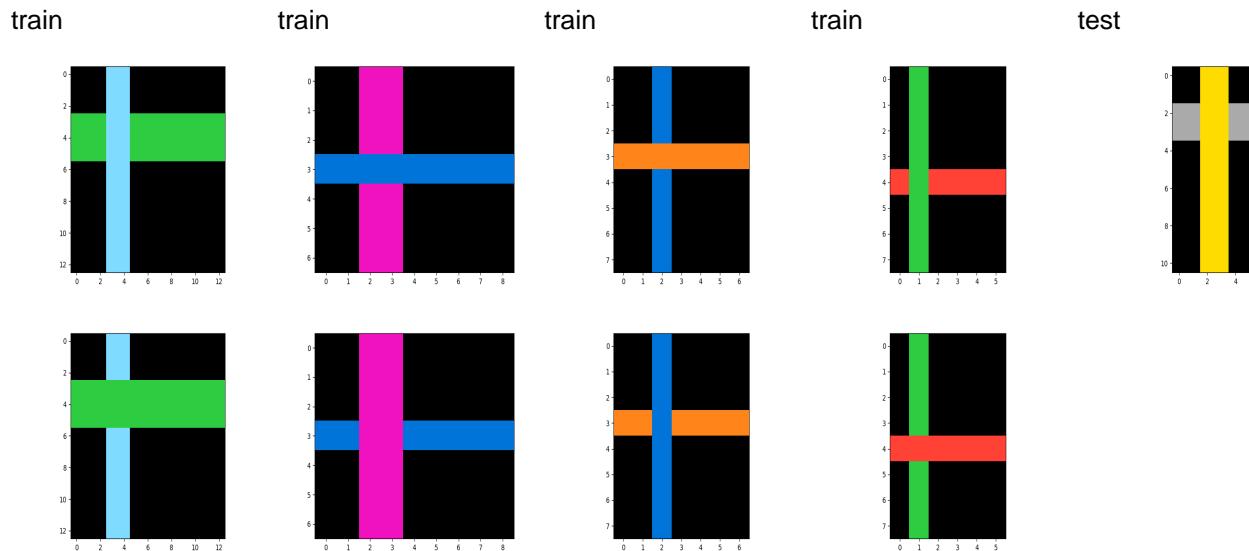


## GPT-4 Generations

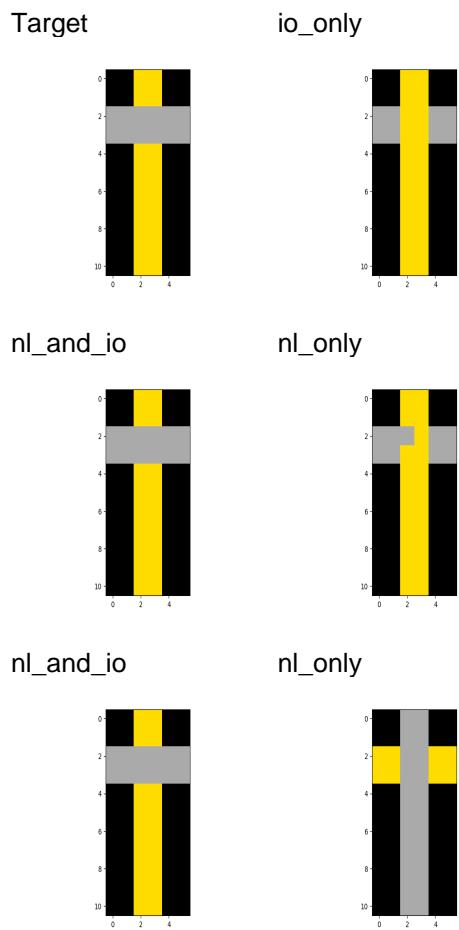


To make the output, you have to... You have to follow the same pattern, but rotate it 180 degrees clockwise, and copy the result throughout the quadrant until you have final it. Every time you copy the result, you have to keep turn it.

## Task ID: ba97ae07



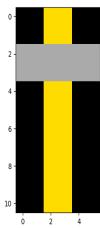
## GPT-4 Generations



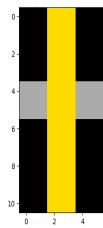
To make the output, you have to... copy the input grid. In the output, change the color where the two lines meet so that the other color line is on top.

To make the output, you have to... make the other color line on top

nl\_and\_io



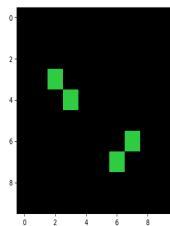
nl\_only



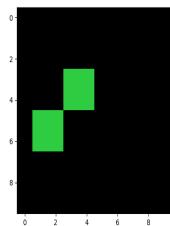
To make the output, you have to...make the other color line on top

## Task ID: 22233c11

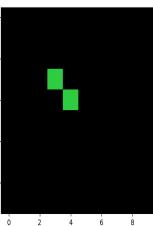
train



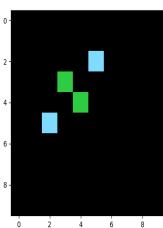
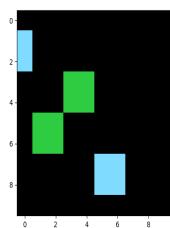
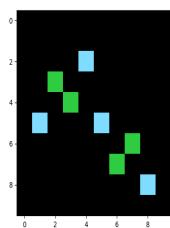
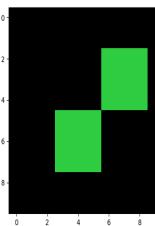
train



train

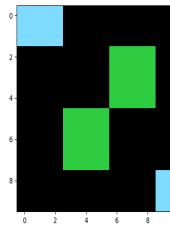


test

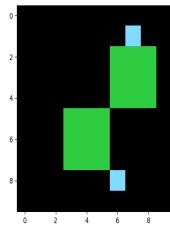


## GPT-4 Generations

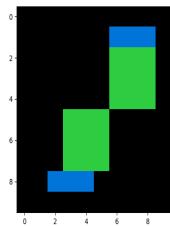
Target



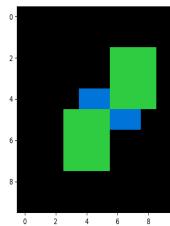
io\_only



nl\_and\_io



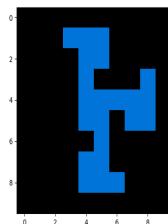
nl\_only



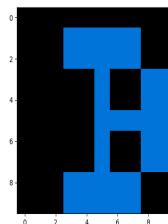
To make the output, you have to...on each of the center line direction of the green pattern, draw blue color pattern, and the blue color pattern is half of the green pattern

## Task ID: 1b60fb0c

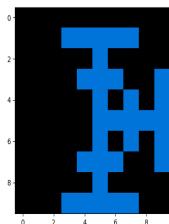
train



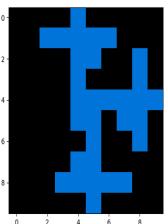
train



train

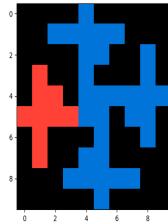


test

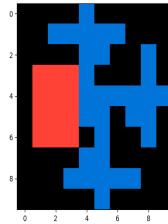


## GPT-4 Generations

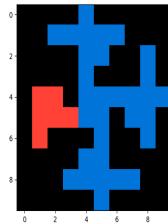
Target



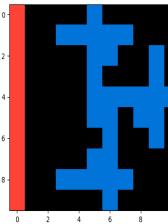
io\_only



nl\_and\_io

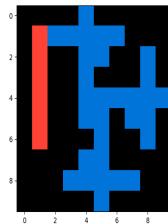


nl\_only

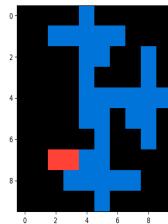


To make the output, you have to... recreate the blue pattern then add another part on the left, in red.

nl\_and\_io



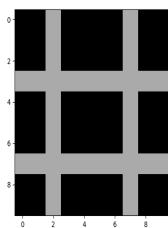
nl\_only



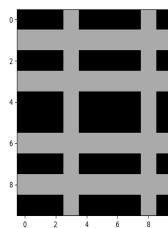
To make the output, you have to...recreate one of the sections of the 3-part blue pattern in order to turn it into a 4-part pattern. However the newly created section should be in red and should be placed into the empty section of the grid in a logical orientation in order to create a consistent 4-part pattern

## Task ID: 941d9a10

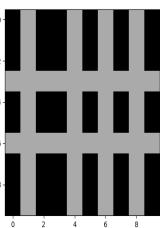
train



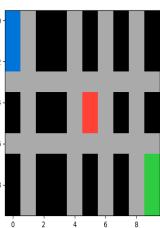
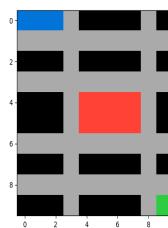
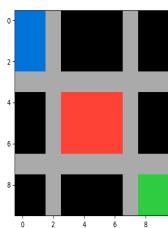
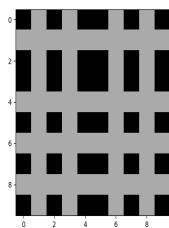
train



train

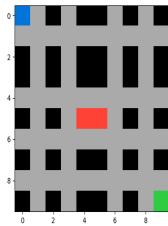


test

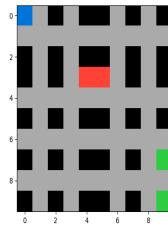


## GPT-4 Generations

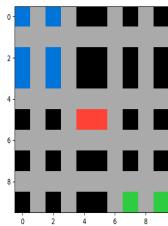
Target



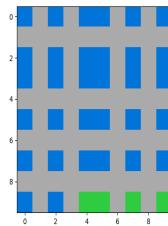
io\_only



nl\_and\_io



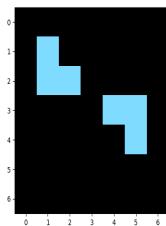
nl\_only



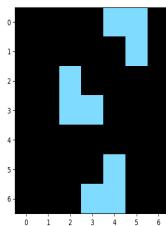
To make the output, you have to... copy the input. Then, use blue flood fill to fill in the upper-left-most section. Then, use green and flood fill to fill in the bottom-right-most section. Then, use red and flood fill to fill in the center-most section.

## Task ID: 3aa6fb7a

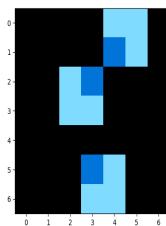
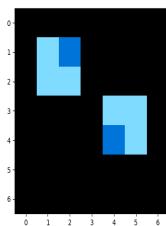
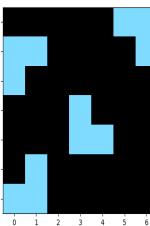
train



train

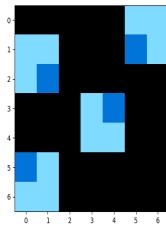


test

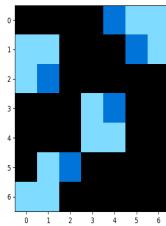


## GPT-4 Generations

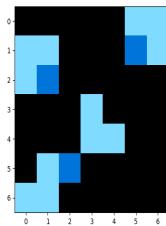
Target



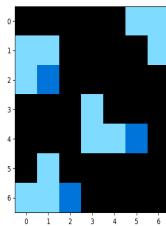
io\_only



nl\_and\_io

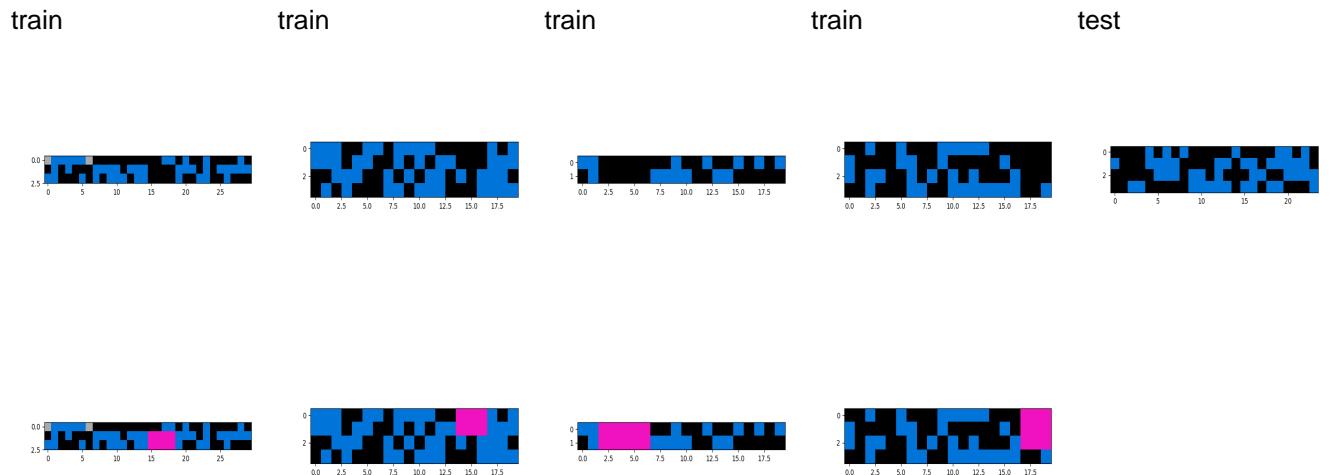


nl\_only

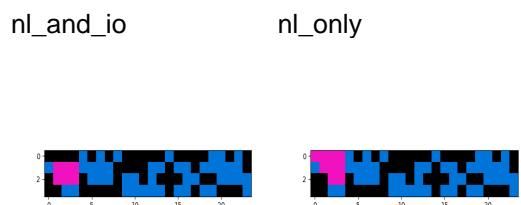
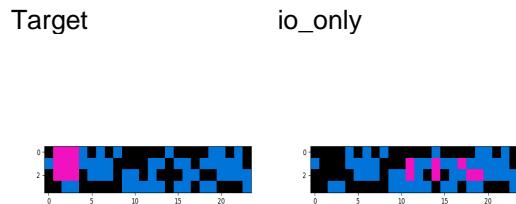


To make the output, you have to...fill in the missing corners with a blue square.

## Task ID: 3eda0437

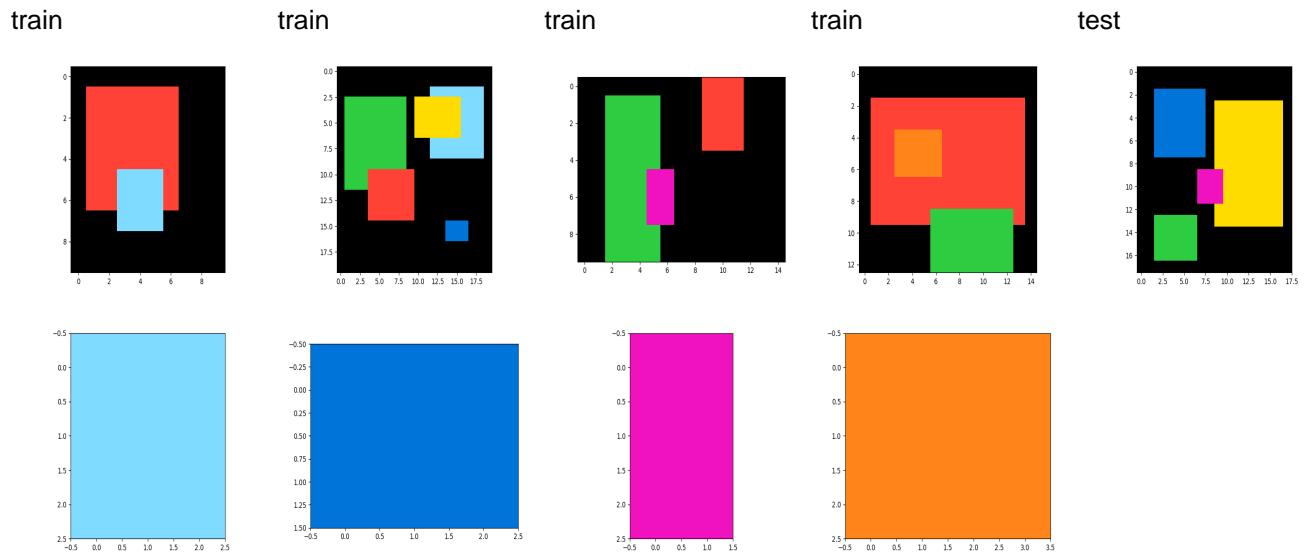


## GPT-4 Generations

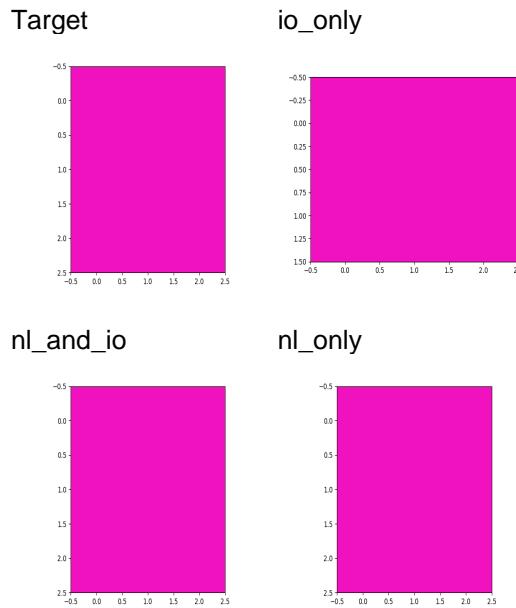


To make the output, you have to...find in the input the biggest square or rectangle that can be created with only black boxes. Then make that box area in the output pink instead of black.

## Task ID: 23b5c85d



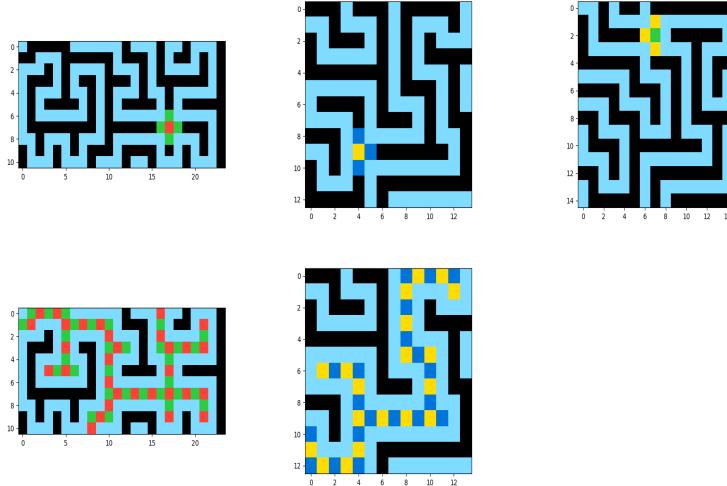
## GPT-4 Generations



To make the output, you have to...change the grid size with the colored object with the smallest area and fill the same color.

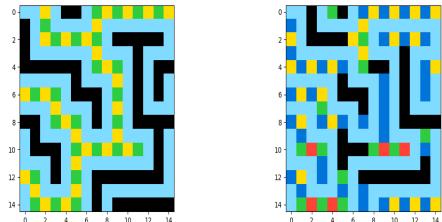
## Task ID: b782dc8a

train train test

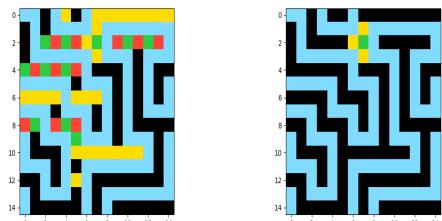


## GPT-4 Generations

Target io\_only

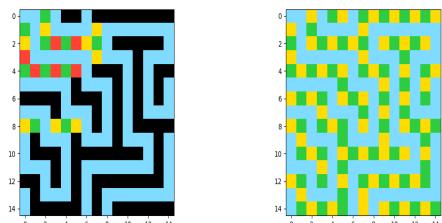


nl\_and\_io



To make the output, you have to...finish the pattern only on that area

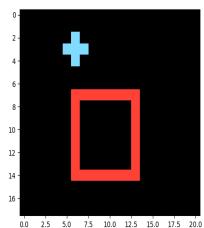
nl\_and\_io



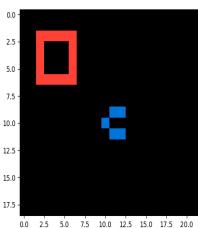
To make the output, you have to...fill in the black squares by alternating the colors of the smaller shape

## Task ID: 6b9890af

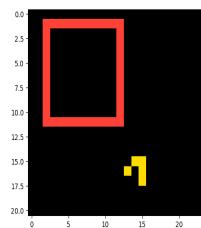
train



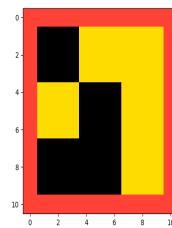
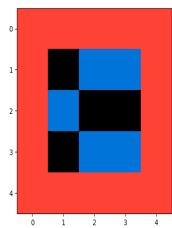
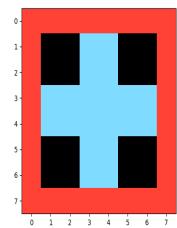
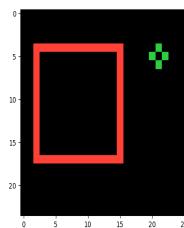
train



train

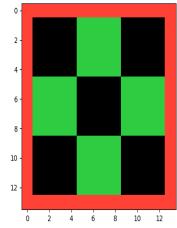


test

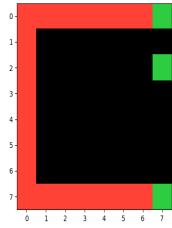


## GPT-4 Generations

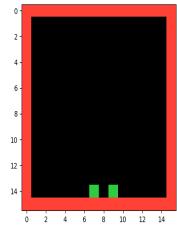
Target



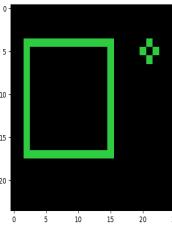
io\_only



nl\_and\_io

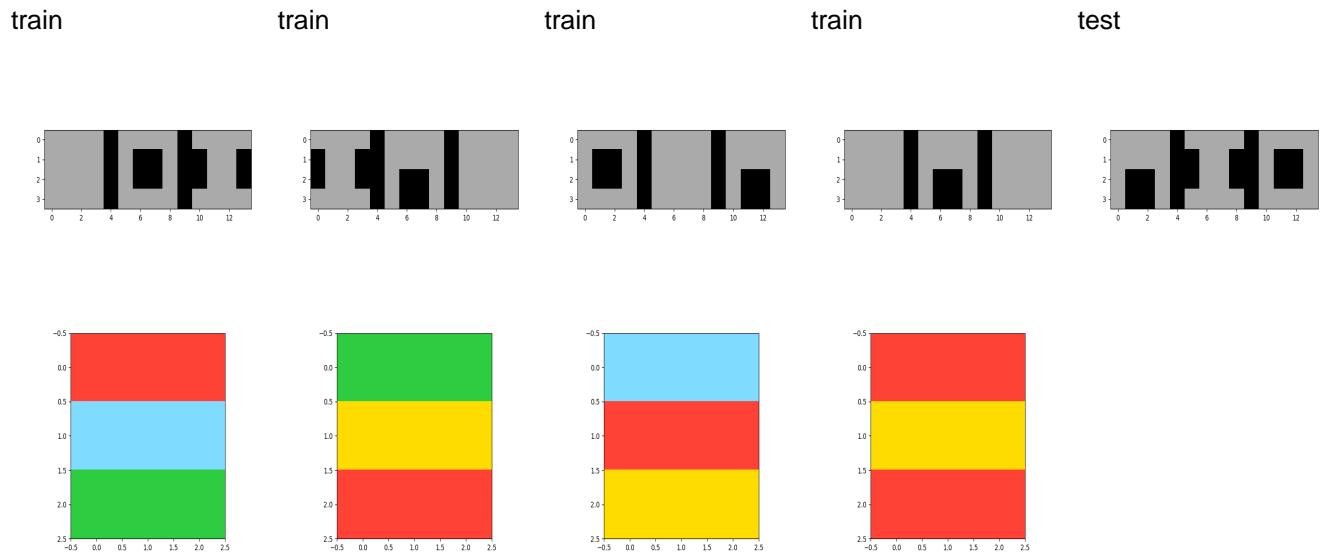


nl\_only

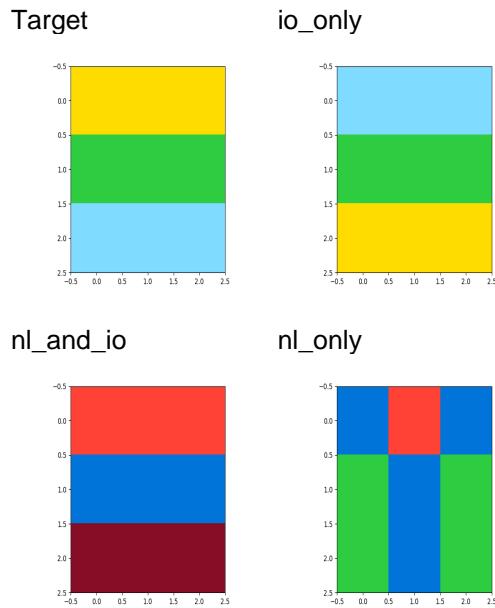


To make the output, you have to...fill in the red square with the other colored object.

## Task ID: 995c5fa3

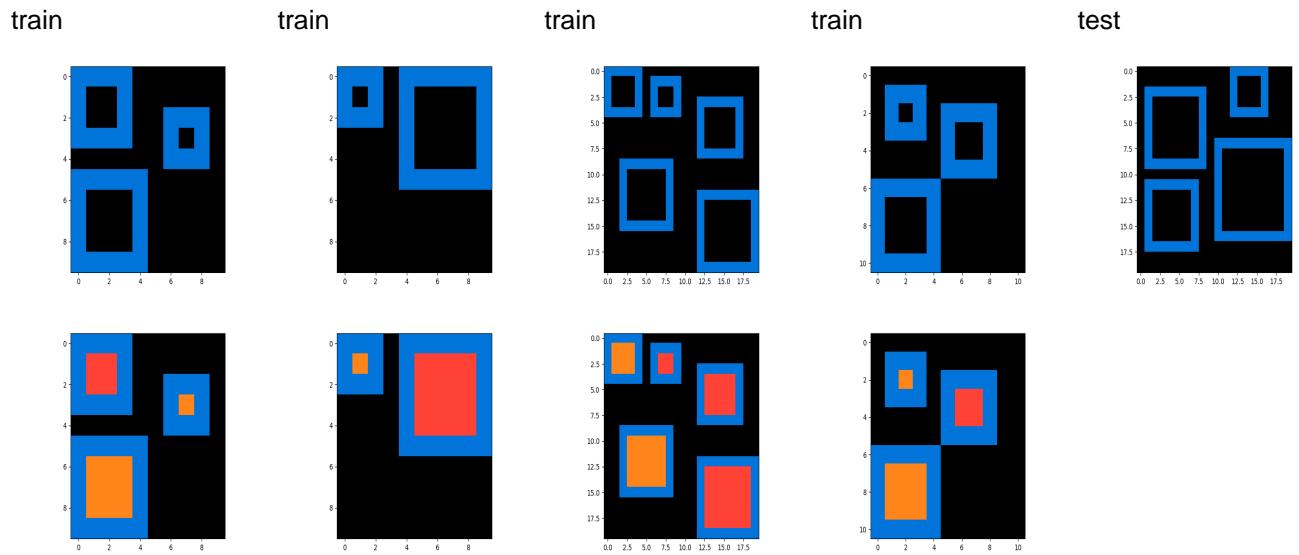


## GPT-4 Generations

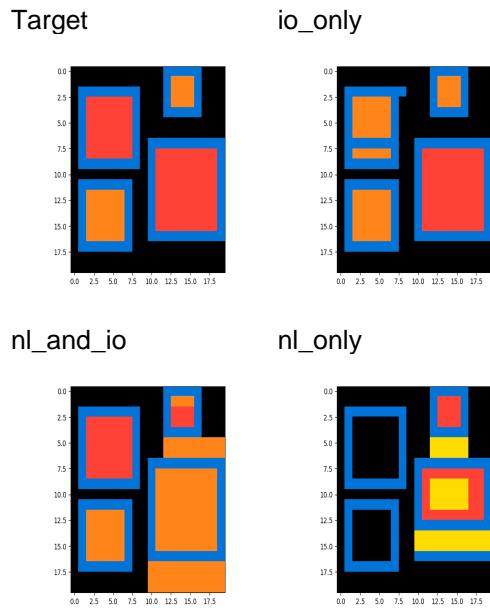


To make the output, you have to...make three rows of three different solid colors corresponding to the grey 4x4 blocks. The first 4x4 block is the color of the top row, and so on. Grey 4x4 with a 2x2 black box in the middle = light blue. Grey 4x4 with no black = red. Grey 4x4 with black box center bottom = yellow. Grey 4x4 with two 1x2 black lines on the left and right = green. If there are any more, they are a different color.

## Task ID: 868de0fa



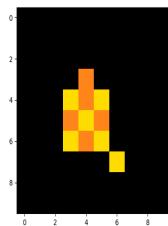
## GPT-4 Generations



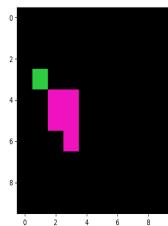
To make the output, you have to...fill the squares with an even number grid INSIDE the blue border with red, and the rest (1x1, 3x3, 5x5) squares with the color you get from red yellow.

### Task ID: e40b9e2f

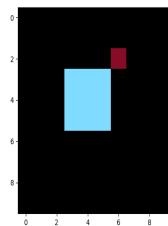
train



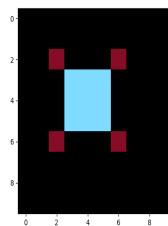
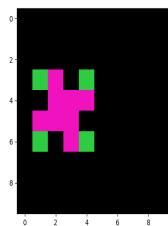
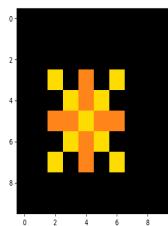
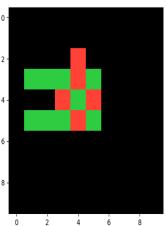
train



train

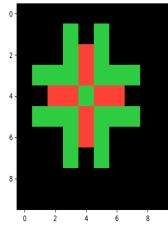


test

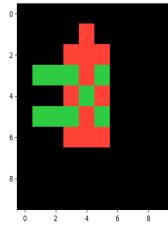


### GPT-4 Generations

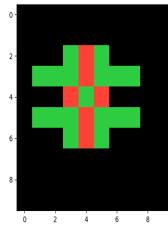
Target



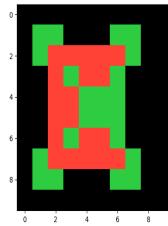
io\_only



nl\_and\_io

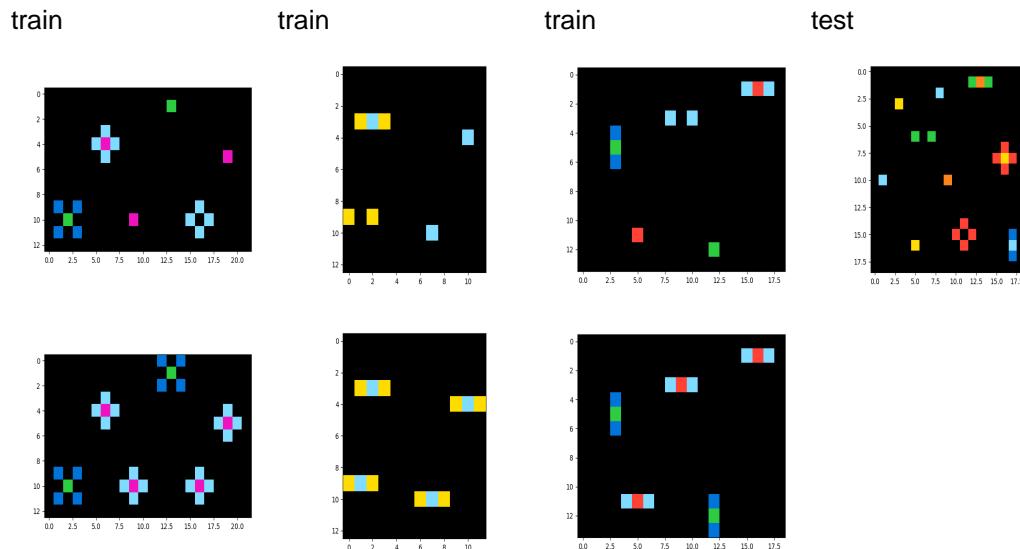


nl\_only

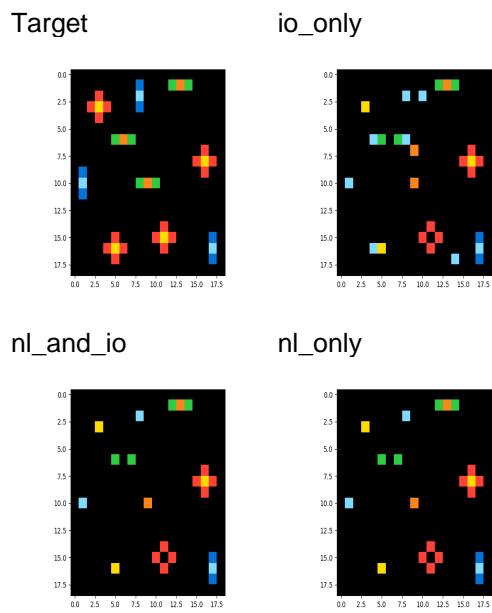


To make the output, you have to...copy the outside color to the opposite corners of each side of the inside shape to make a square pattern. Then for the inside shape you have to visualize the pattern clockwise 90 degree, 180 degree, 270 degree, and fill in the grid with all of these overlay on top of each other.

## Task ID: 72322fa7



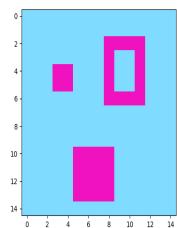
## GPT-4 Generations



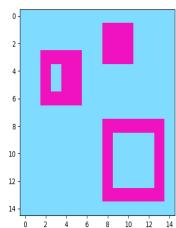
To make the output, you have to... Copy the input grid. Add colored pixels to the singletons such that they copy the exemplars.

## Task ID: 543a7ed5

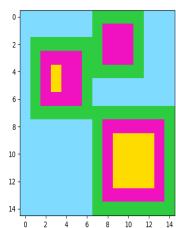
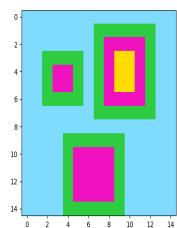
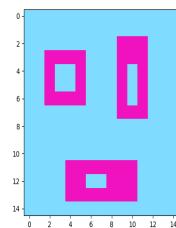
train



train

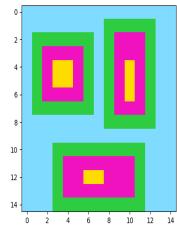


test

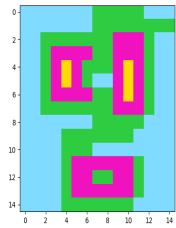


## GPT-4 Generations

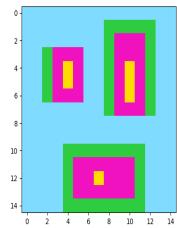
Target



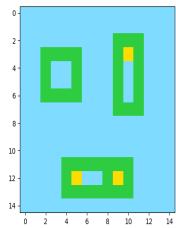
io\_only



nl\_and\_io



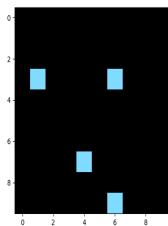
nl\_only



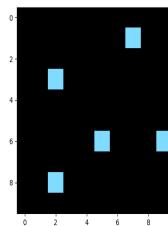
To make the output, you have to...fill the inside of the pink boxes with yellow and outline each pink box with green.

## Task ID: ded97339

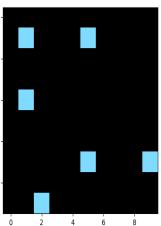
train



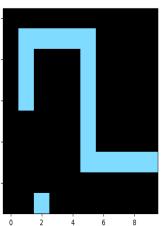
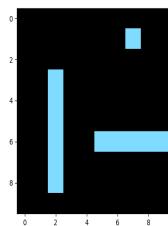
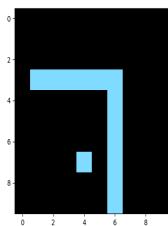
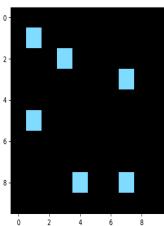
train



train

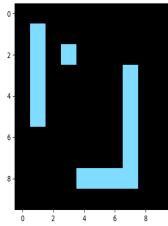


test

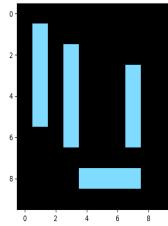


## GPT-4 Generations

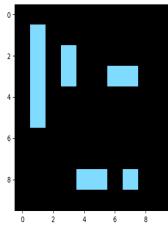
Target



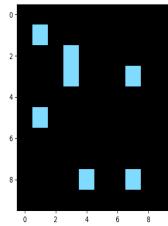
io\_only



nl\_and\_io



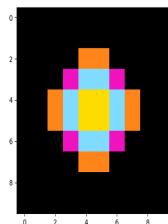
nl\_only



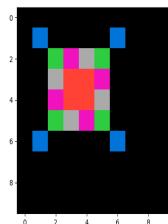
To make the output, you have to...connect the magenta boxes that are directly vertical and horizontal to each other.

## Task ID: 2013d3e2

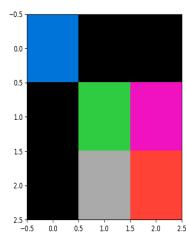
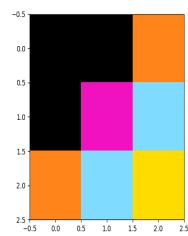
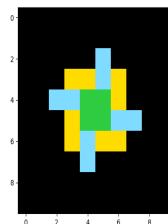
train



train

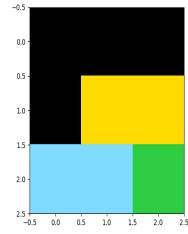


test

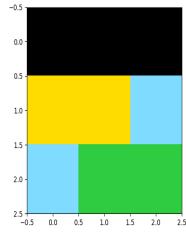


## GPT-4 Generations

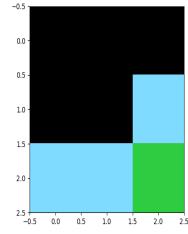
Target



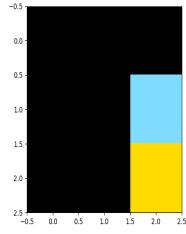
io\_only



nl\_and\_io

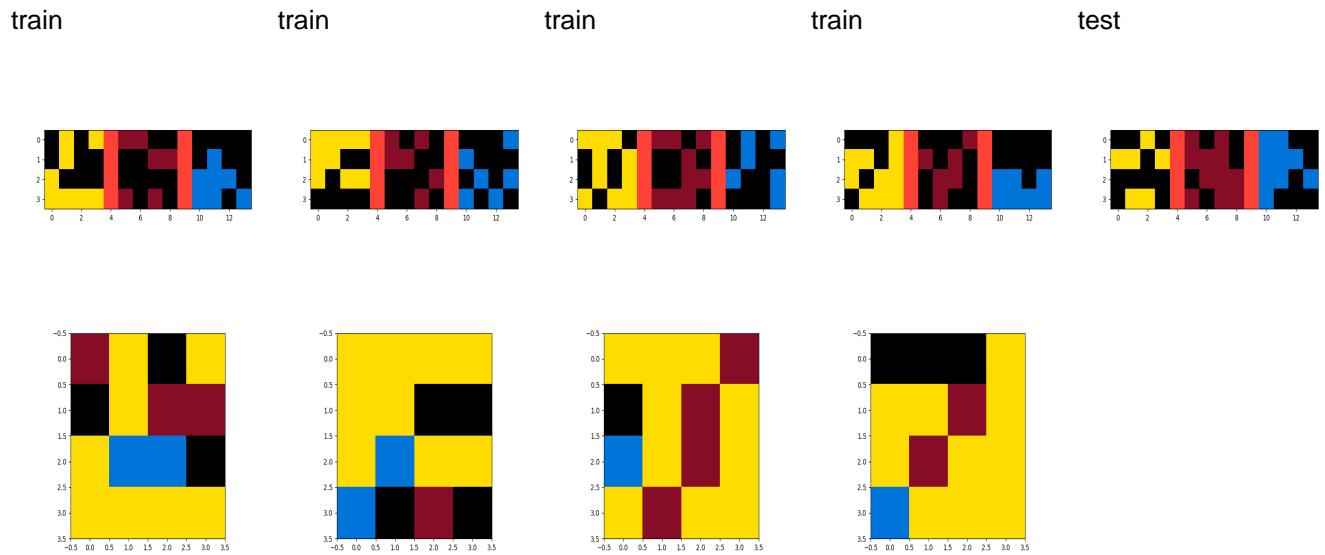


nl\_only

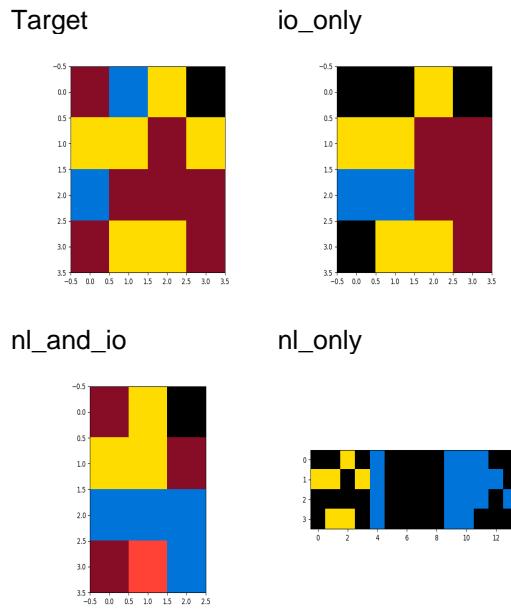


To make the output, you have to... fill the grid with the upper left corner of the colored shape. The output should look like the top left corner of the colored shape.

## Task ID: cf98881b

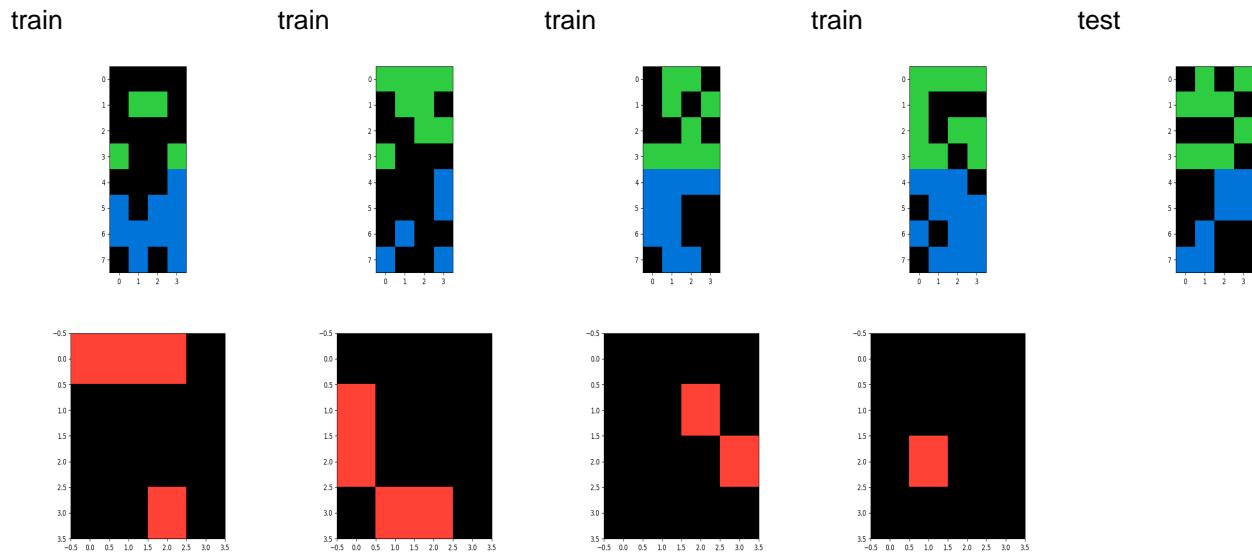


## GPT-4 Generations

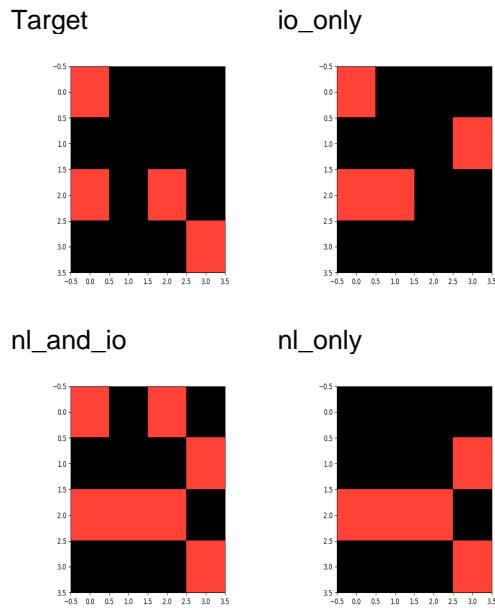


To make the output, you have to...over lay the dark red and blue areas and fill in the black squares where possible.

## Task ID: 94f9d214



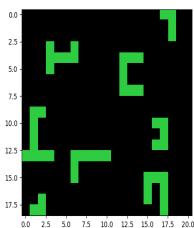
## GPT-4 Generations



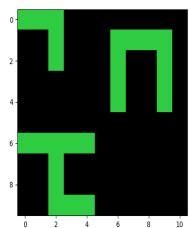
To make the output, you have to...overlay the top 4x4 grid of green pixels over the bottom 4x4 grid of blue pixels or vice versa. After you complete the overlay whichever pixels are still black will be changed to red in the output. All the other pixels which are green, blue, or both will be changed to black

## Task ID: e509e548

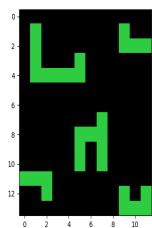
train



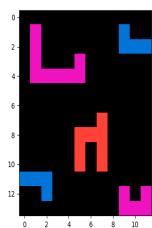
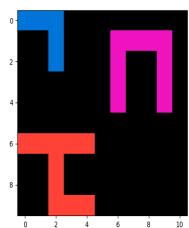
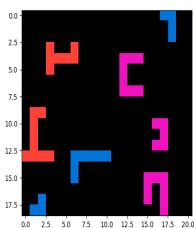
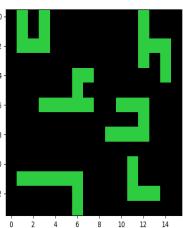
train



train

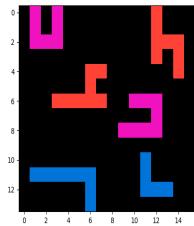


test

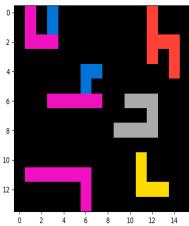


## GPT-4 Generations

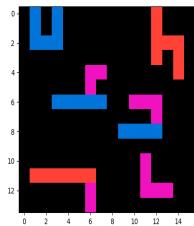
Target



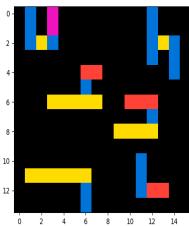
io\_only



nl\_and\_io

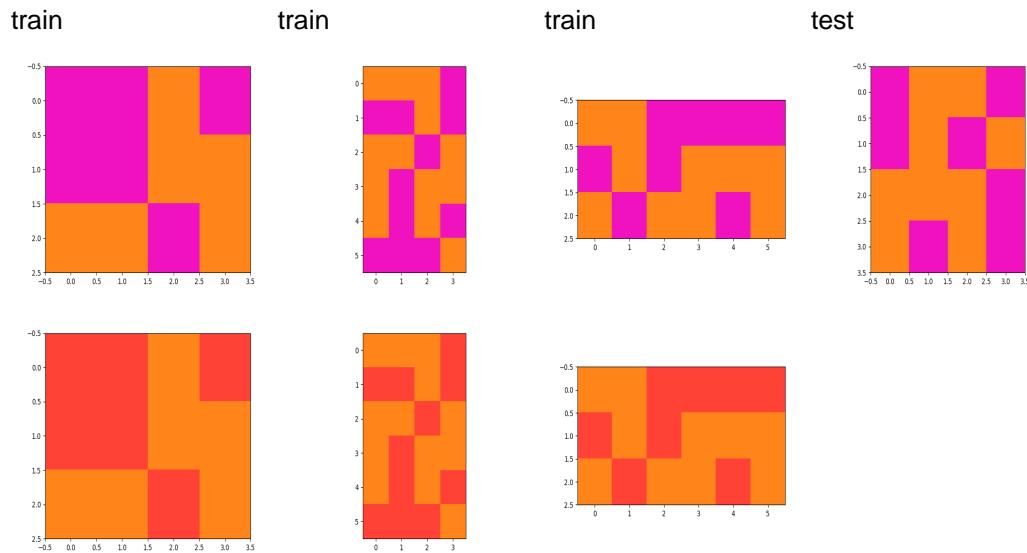


nl\_only

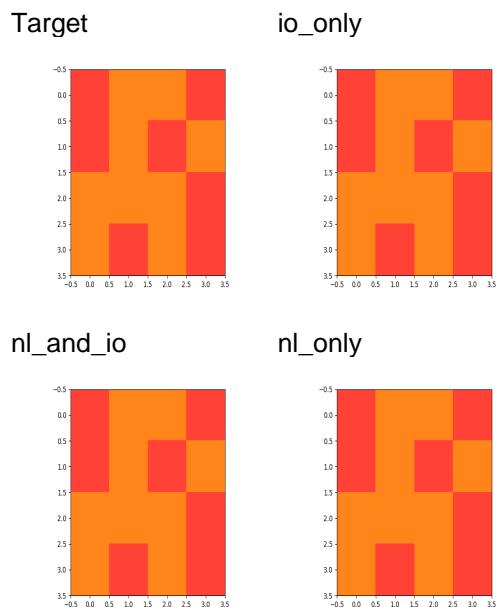


To make the output, you have to... change design color to blue if the design only has one 90 degree edge , pink if it has two, and red if it has three

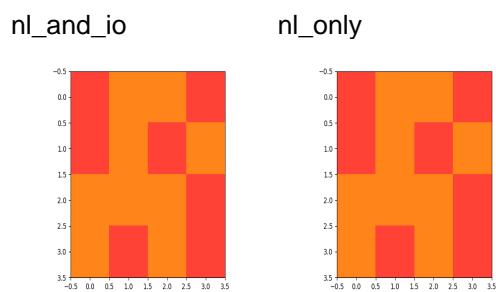
## Task ID: b1948b0a



## GPT-4 Generations



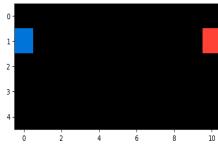
To make the output, you have to... turn the not-orange color into light red.



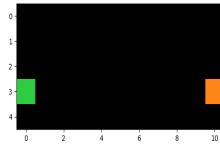
To make the output, you have to... replace all the purple squares with red.

## Task ID: 29c11459

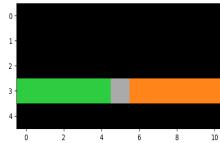
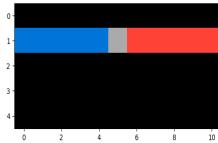
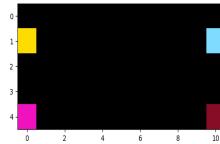
train



train

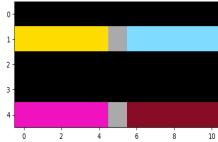


test

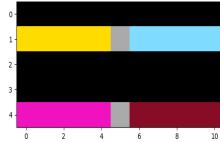


## GPT-4 Generations

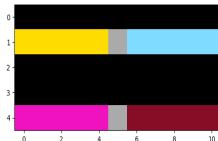
Target



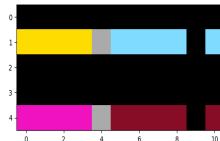
io\_only



nl\_and\_io



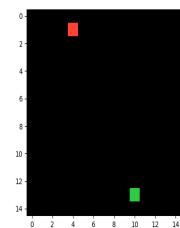
nl\_only



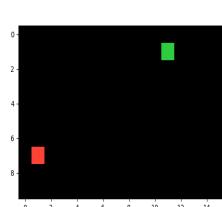
To make the output, you have to...add four more blocks of the same color to the right of the block on the left side of the grid. Add a gray block. Then add four blocks of the same color of the block on the right side of the grid to connect the line.

## Task ID: a2fd1cf0

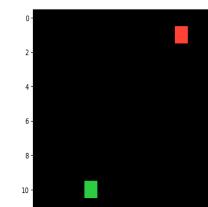
train



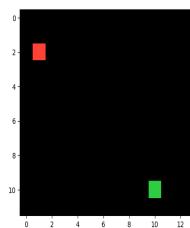
train



train

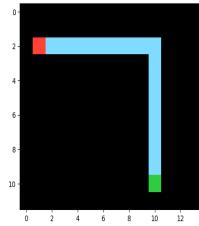


test

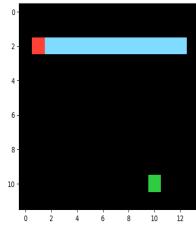


## GPT-4 Generations

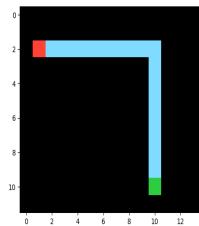
Target



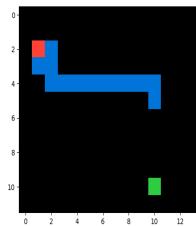
io\_only



nl\_and\_io

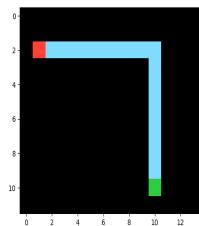


nl\_only

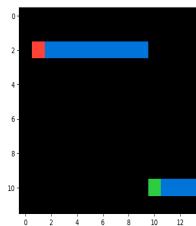


To make the output, you have to...connect the squares use light blue with a right angle

nl\_and\_io



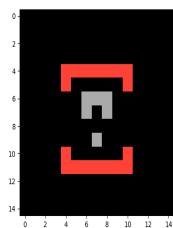
nl\_only



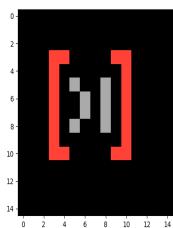
To make the output, you have to... create a road of light blue squares between the red and green squares. The road should travel up or down from the green square and left or right from the red square until the two meet.

## Task ID: f8a8fe49

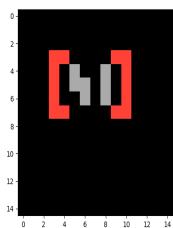
train



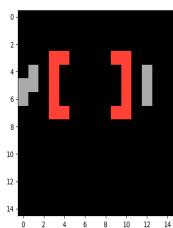
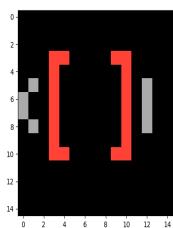
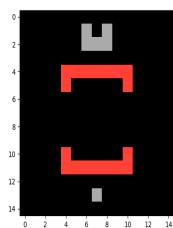
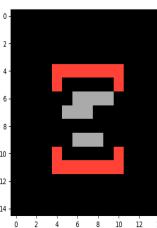
train



train

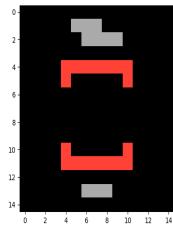


test

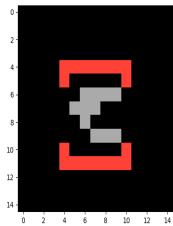


## GPT-4 Generations

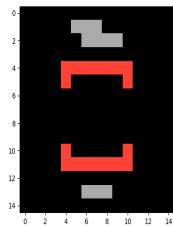
Target



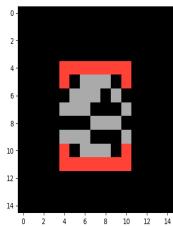
io\_only



nl\_and\_io



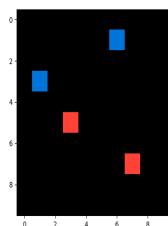
nl\_only



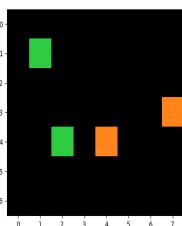
To make the output, you have to...flip the grey pattern over the red one like an mirror image. The resulting output should now have the grey pattern outside of the orange one.

## Task ID: 56ff96f3

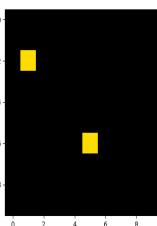
train



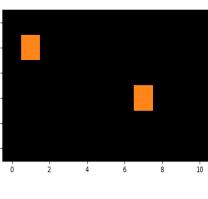
train



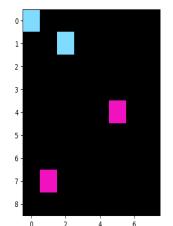
train



train

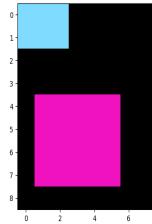


test

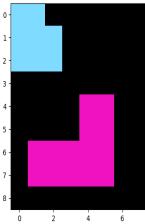


## GPT-4 Generations

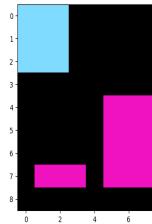
Target



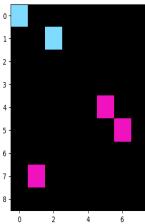
io\_only



nl\_and\_io

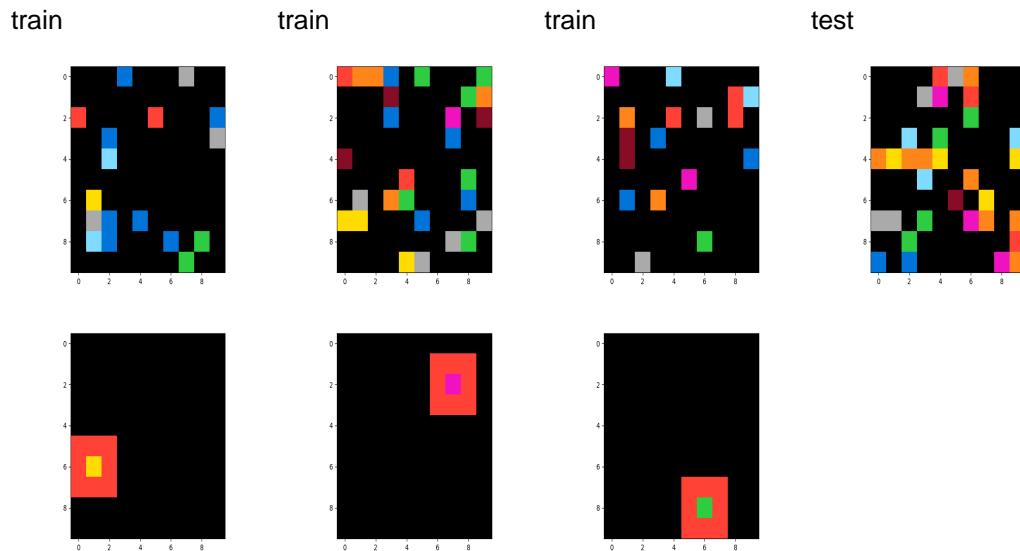


nl\_only

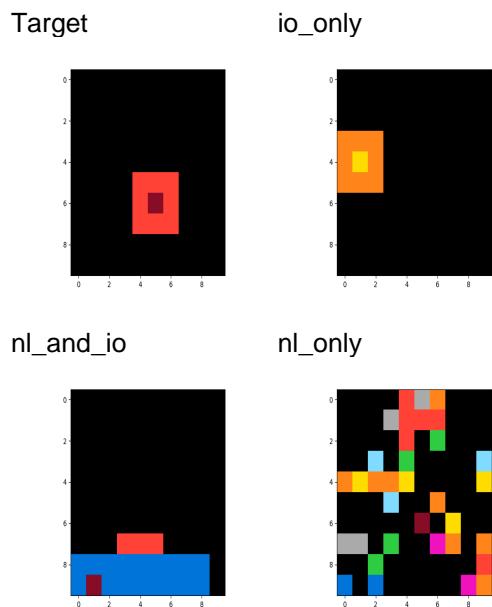


To make the output, you have to...take the colored as the starting and end point of the rectangle or square assume that the grid make rectangle or square

## Task ID: 31aa019c



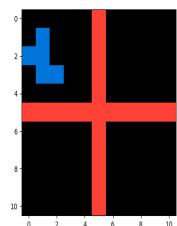
## GPT-4 Generations



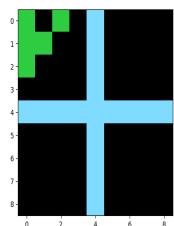
To make the output, you have to....make the entire output black. Then, you need to locate a block that is the only color in the input and place it in the same position. Surround the block with red blocks until it forms a square.

## Task ID: 47c1f68c

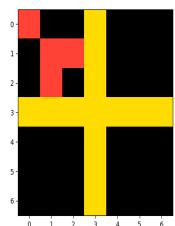
train



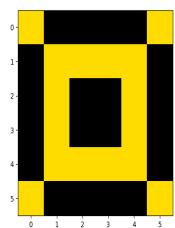
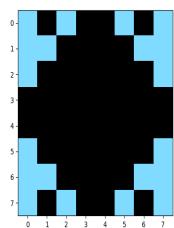
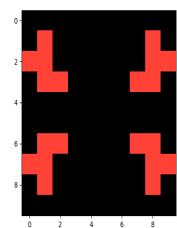
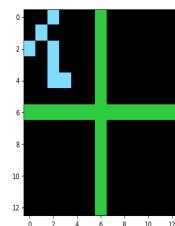
train



train

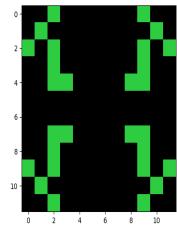


test

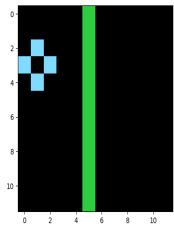


## GPT-4 Generations

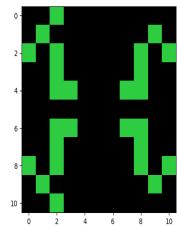
Target



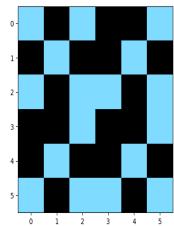
io\_only



nl\_and\_io

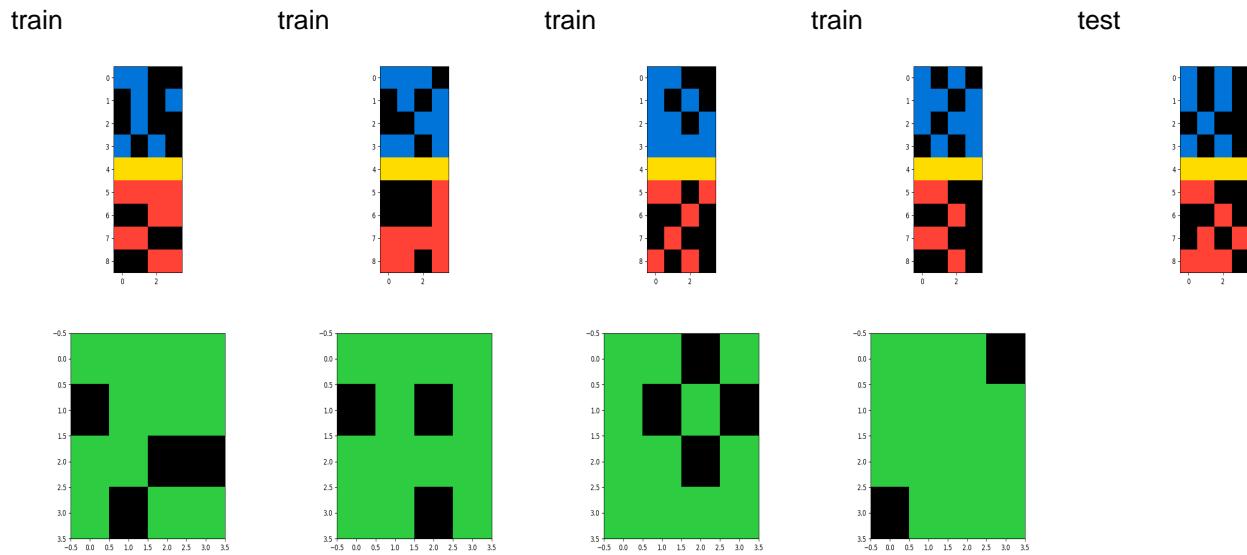


nl\_only

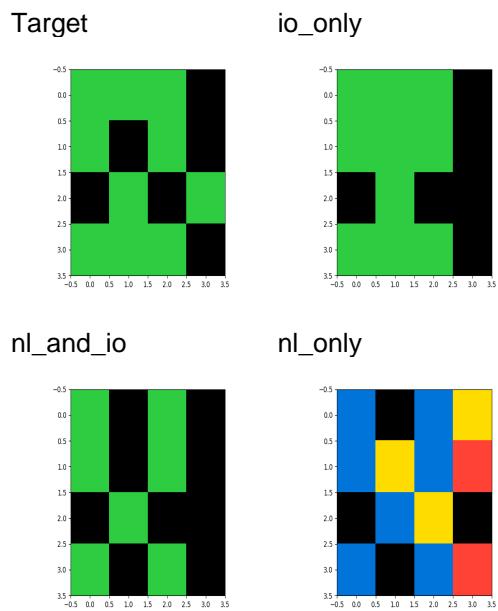


To make the output, you have to... Think of the new grid like the old grid with the divider removed. recreate the shape from the smaller top left grid of the input in the same color as the divider from the input. Mirror the shape in each of the remaining three quadrants along the x and y axis. for a total of 4 shapes in the same color. you are done.

## Task ID: ce4f8723

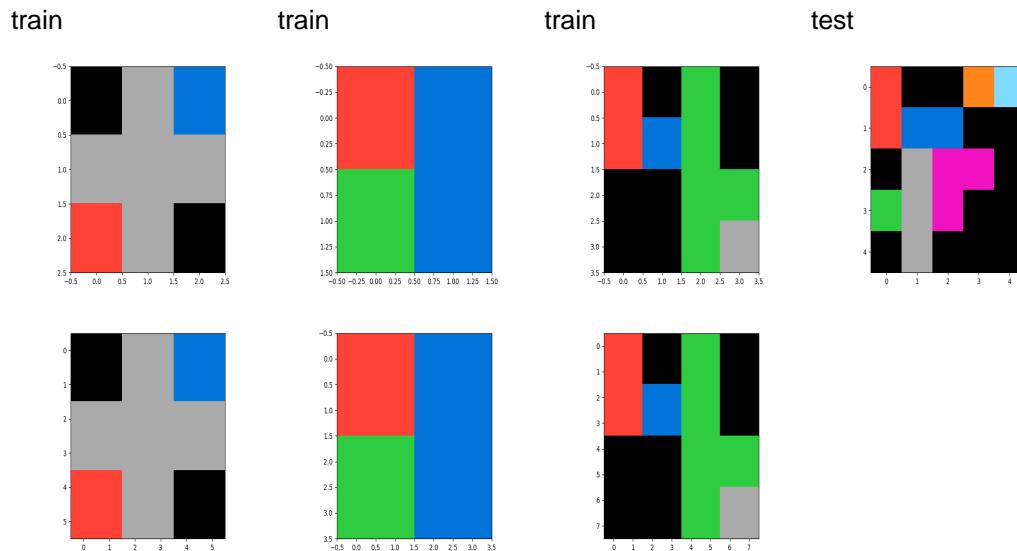


## GPT-4 Generations

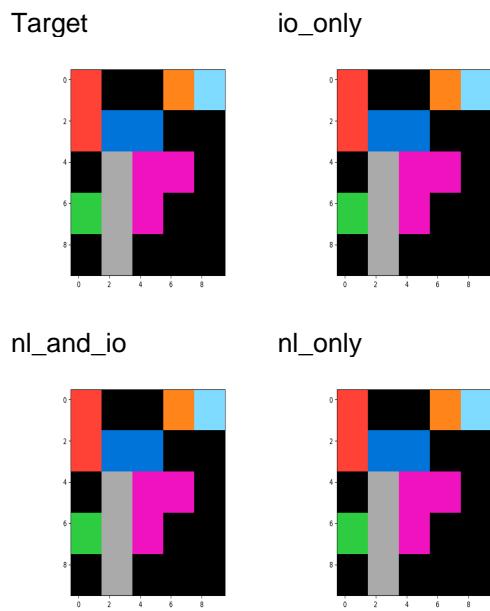


To make the output, you have to...consider the long input as two sections as 4x4 grids, consider that the two sections as one.. then leave that black spaces as black then point the colored blocks as green.

## Task ID: c59eb873

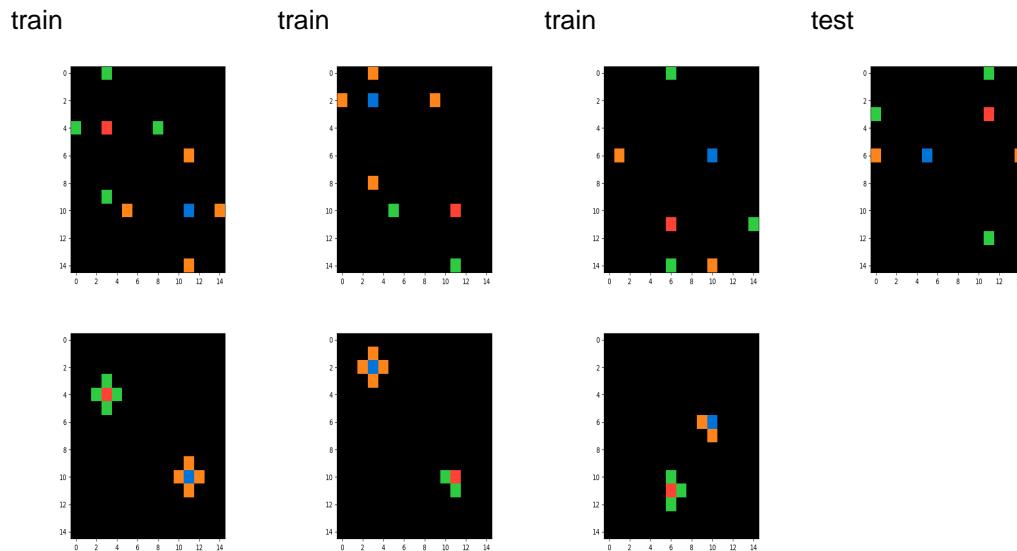


## GPT-4 Generations

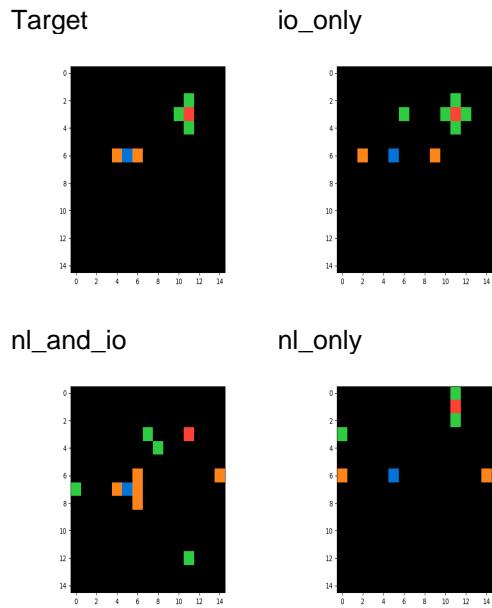


To make the output, you have to...divide each block into a 2x2 square in the same color as the original block. So, each block from the original input grid will become a 2x2 block of 4 squares of the same color as the original block.

## Task ID: ae3edfdc

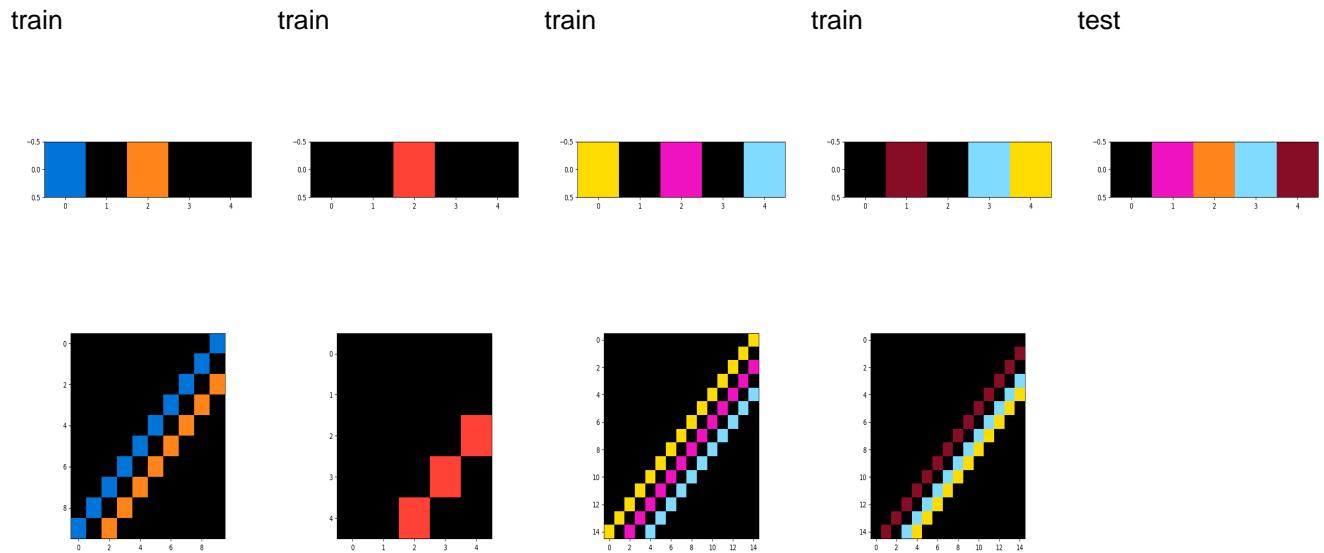


## GPT-4 Generations

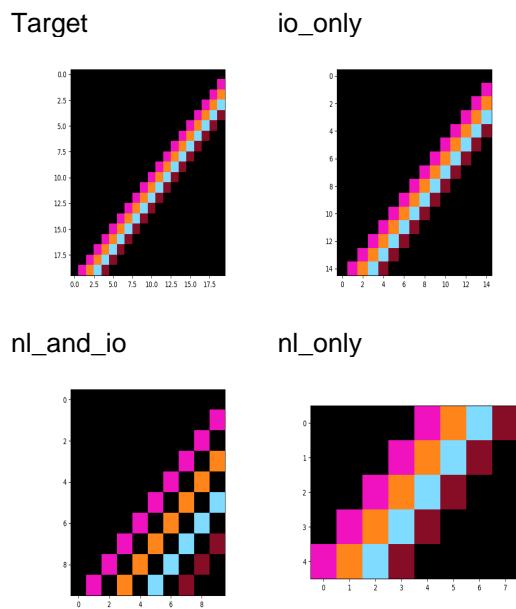


To make the output, you have to...create 2 designs using all of the colored boxes in the input grid. One design is focused on the red box and the other one is focused on the blue box. Both the red box and the blue box will be in their exact same positions in the new grid. First put the red box in the same place as it is in the input grid. Now, look at the green boxes in the input grid and imagine that the green boxes are being pulled toward the red box until they are touching it. So, if there is a green box in the input grid above the red box, place it directly above the red box in the new grid. If there is a green box to the right of the red box in the input side, move it until it is directly to the right of the red box. Do the same for any other green boxes. After you are done, all of the green boxes should be touching the red box which is still in its original location. That design is done. Now use the same exact method for the blue box and surround it with the orange boxes. Think of the blue and red boxes as the centers of flowers and the green and orange boxes as the petals.

## Task ID: feca6190

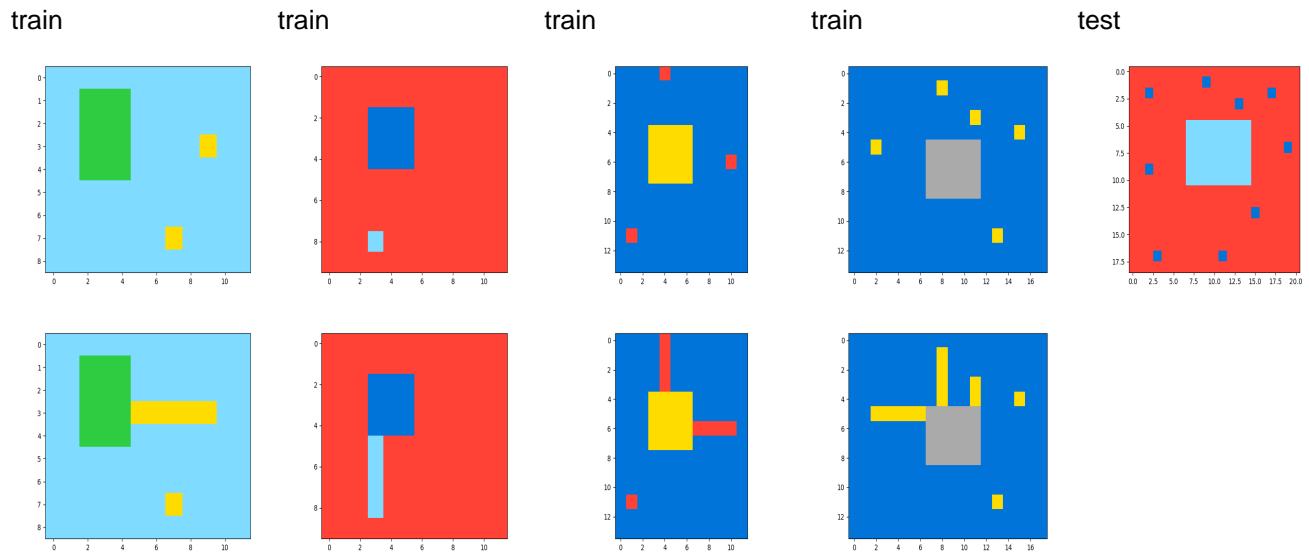


## GPT-4 Generations

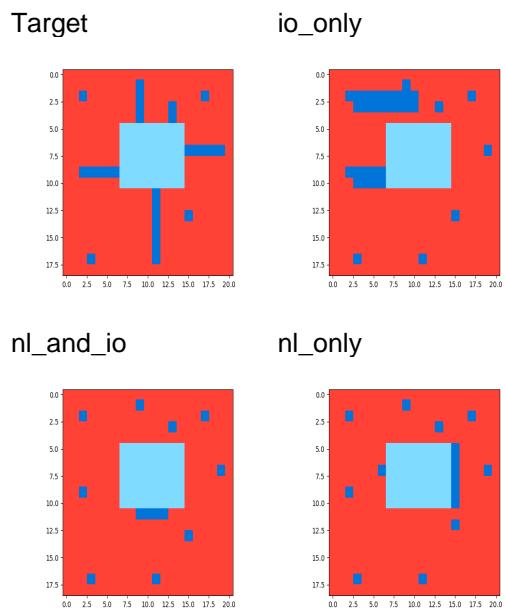


To make the output, you have to...copy the pattern of the input grid to the bottom left corner of the output grid. On the next row up, copy the pattern of the input grid, but move it to the right by 1 block. Continue this all the way to the top row.

## Task ID: 2c608aff



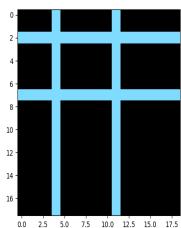
## GPT-4 Generations



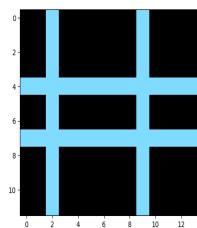
To make the output, you have to...If the dots could connect to the central square with a straight line, connect it with the same color as the dot

## Task ID: 272f95fa

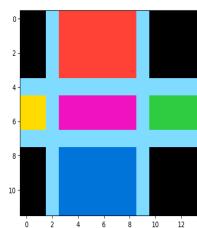
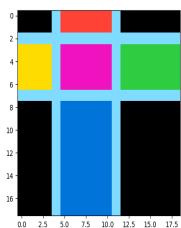
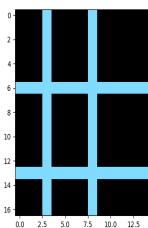
train



train

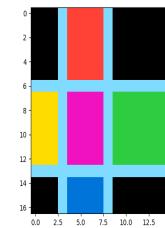


test

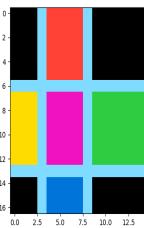


## GPT-4 Generations

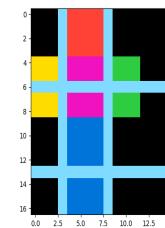
Target



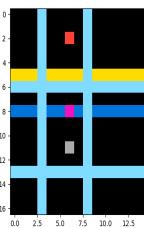
io\_only



nl\_and\_io



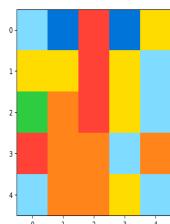
nl\_only



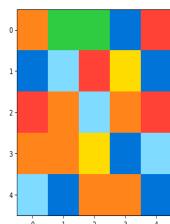
To make the output, you have to...copy the input. Fill the top row middle shape (between the lines) in red. For the second (center) row, fill the first shape with yellow, the middle with pink, and the last (right) in green. Then fill the middle shape of the bottom row with blue. The four corner shapes will still be black.

## Task ID: 68b16354

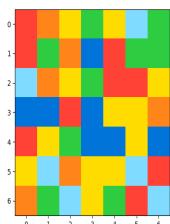
train



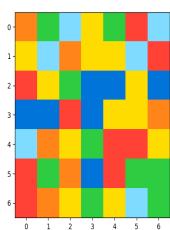
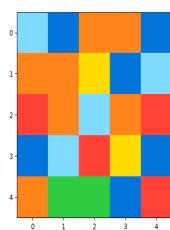
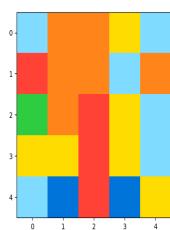
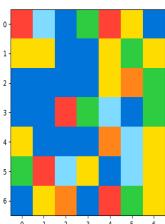
train



train

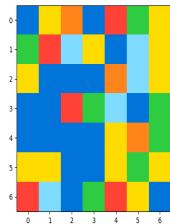


test

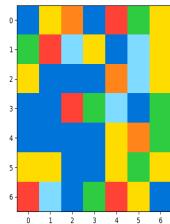


## GPT-4 Generations

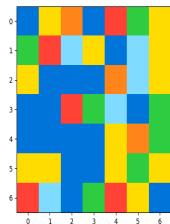
Target



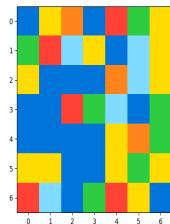
io\_only



nl\_and\_io



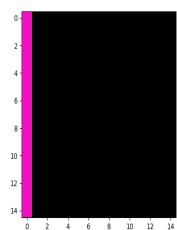
nl\_only



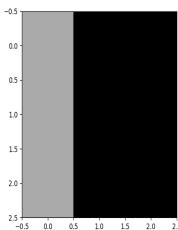
To make the output, you have to...flip the input grid vertically

## Task ID: 3bd67248

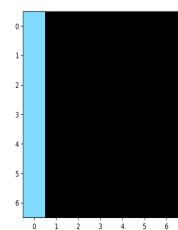
train



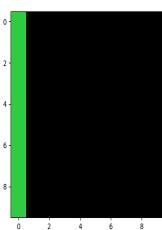
train



train

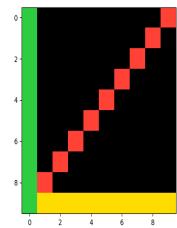


test

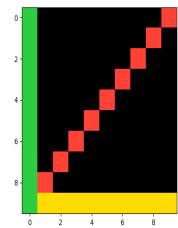


## GPT-4 Generations

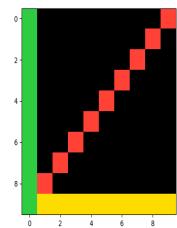
Target



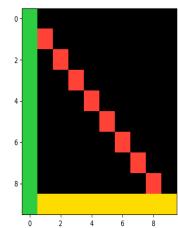
io\_only



nl\_and\_io



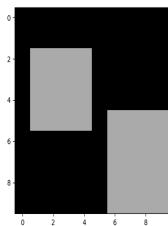
nl\_only



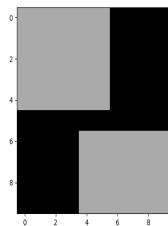
To make the output, you have to... copy the input grid. Fill in all of the squares on the bottom row of the grid with yellow. Then draw a red line diagonal from the black square in the bottom left up to the top right of the grid. Do not change the bottom left color when you draw the yellow and red lines; the yellow and red lines each begin in the second column of the grid.

## Task ID: b6afb2da

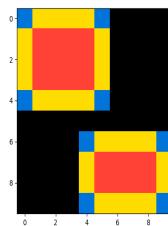
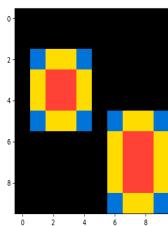
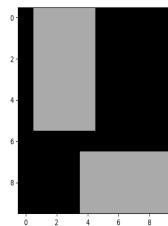
train



train

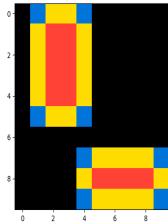


test

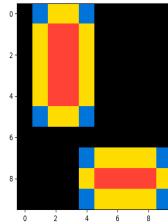


## GPT-4 Generations

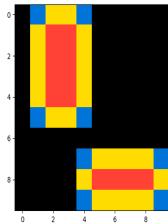
Target



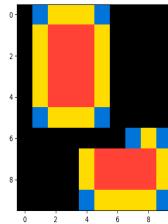
io\_only



nl\_and\_io



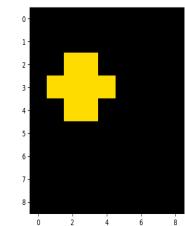
nl\_only



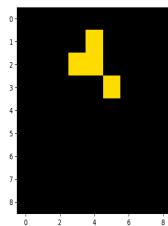
To make the output, you have to... copy the input grid and then make all four corners of the gray squares blue. Fill the rest of the edge of the gray squares with yellow to connect the blue squares. Then fill the inside of each colored square with red.

## Task ID: f25fbde4

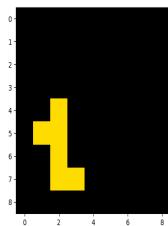
train



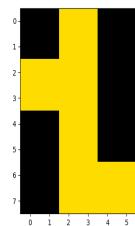
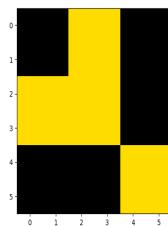
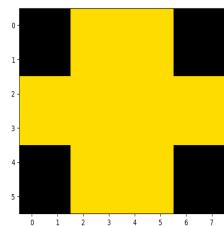
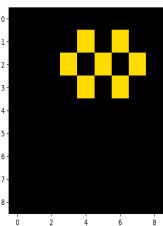
train



train

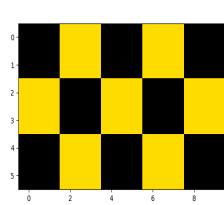


test

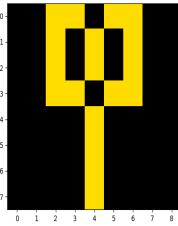


## GPT-4 Generations

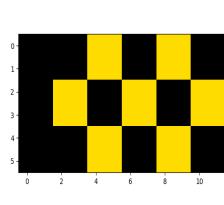
Target



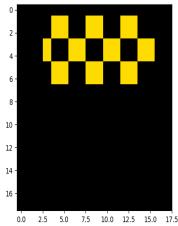
io\_only



nl\_and\_io

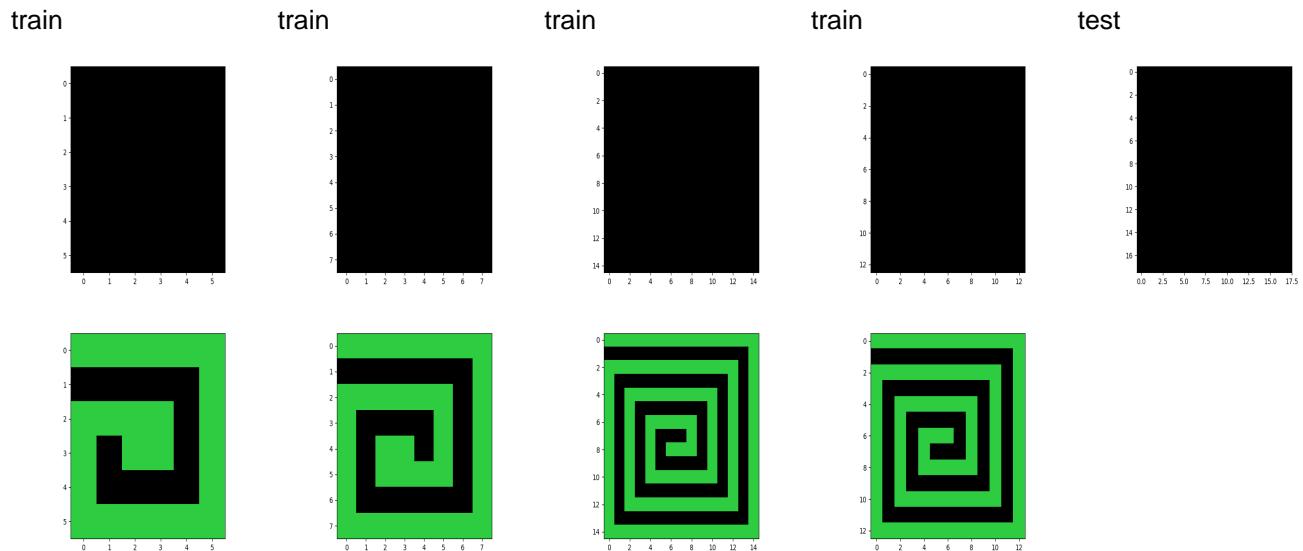


nl\_only

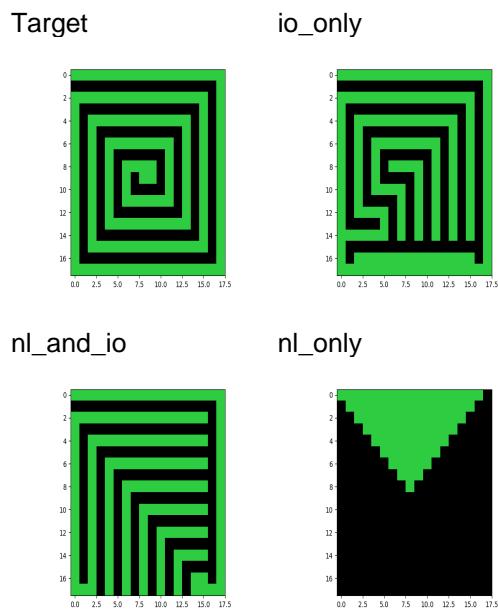


To make the output, you have to...Copy the colored shape but make it twice the size as the input shape.

## Task ID: 28e73c20

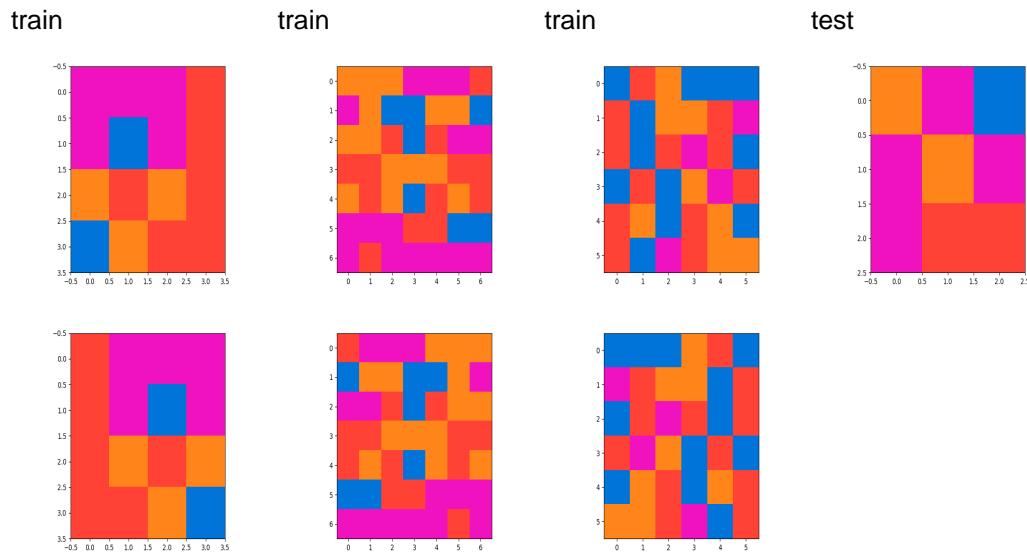


## GPT-4 Generations

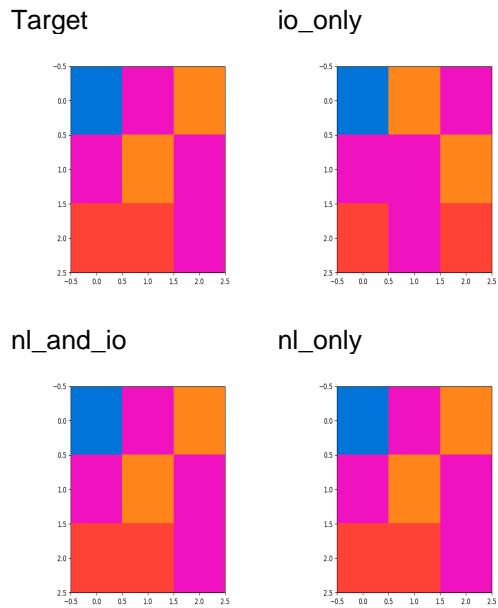


To make the output, you have to...make a green "spiral." Begin in the upper left corner and work clockwise around the outer edges of the grid. Turn clockwise one cell short of making a complete border of green. Continue coloring green until you reach the center of the grid.

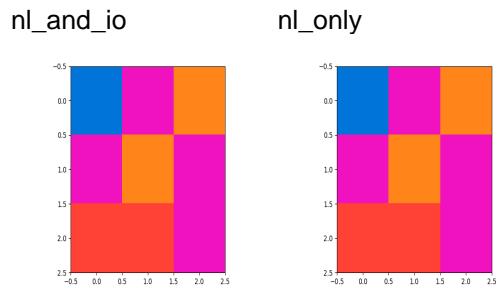
## Task ID: 67a3c6ac



## GPT-4 Generations

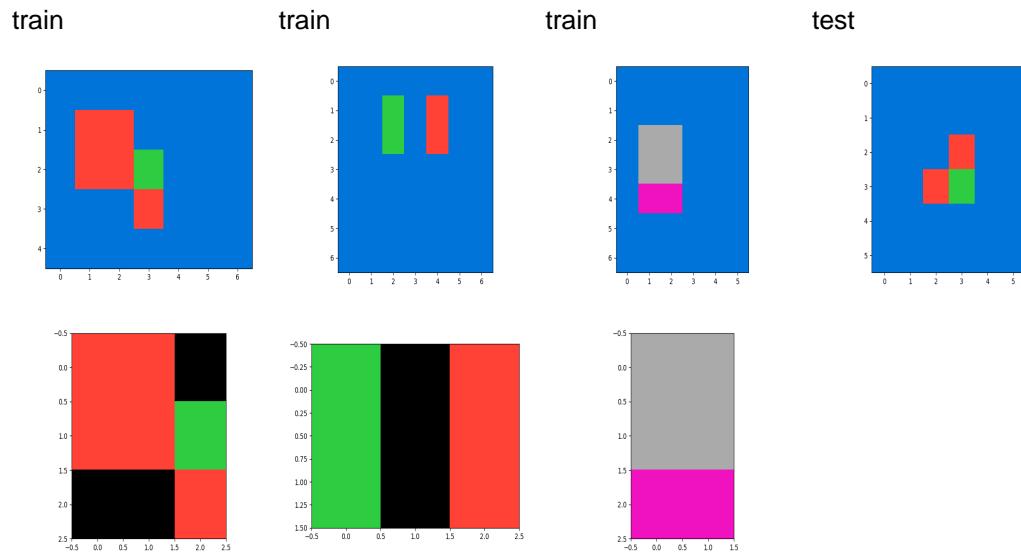


To make the output, you have to...create a right to left mirror image.

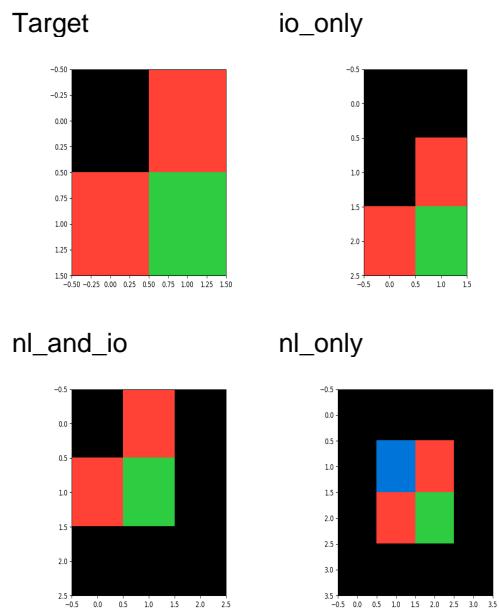


To make the output, you have to...create a left/ right mirror image of the input

## Task ID: a740d043

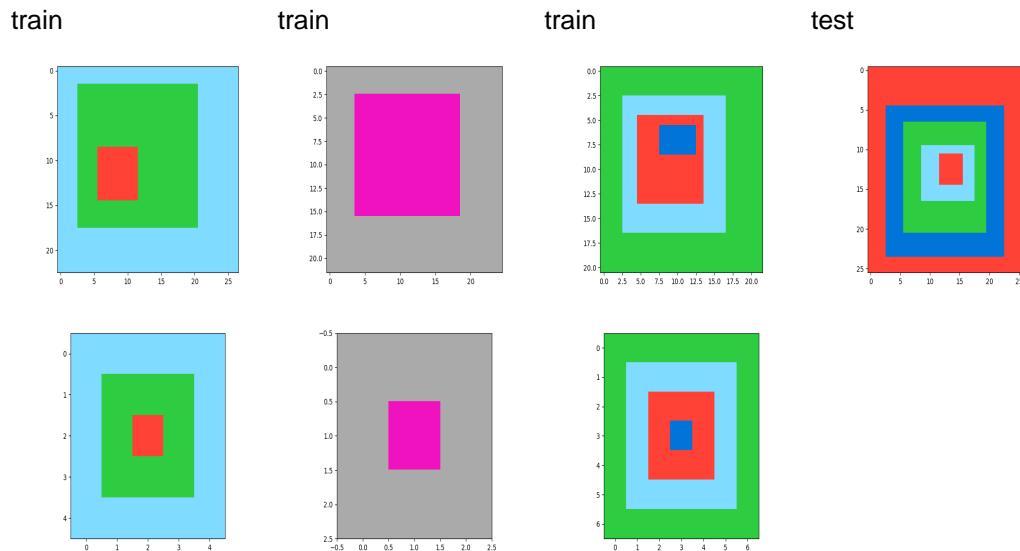


## GPT-4 Generations

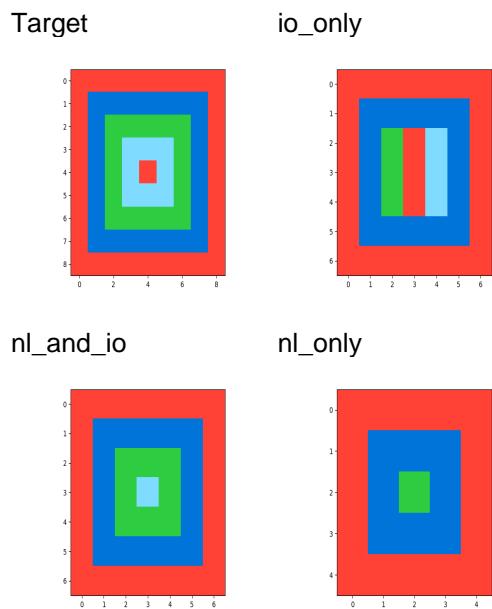


To make the output, you have to...make the pattern and if there is any more on the sides or any blue, fill in with black

### Task ID: eb5a1d5d

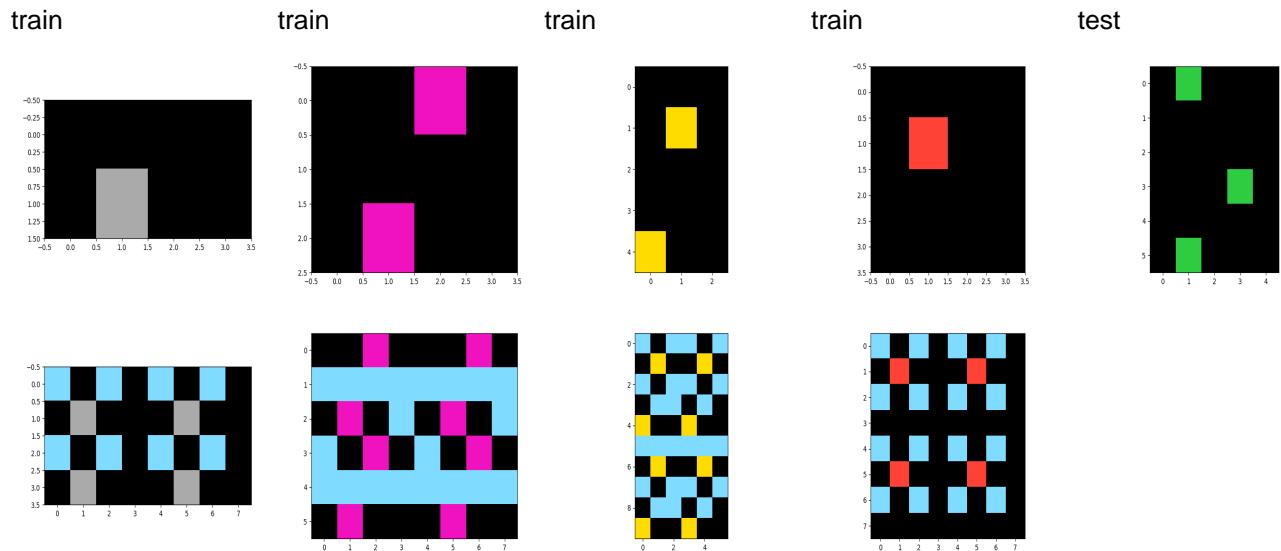


### GPT-4 Generations

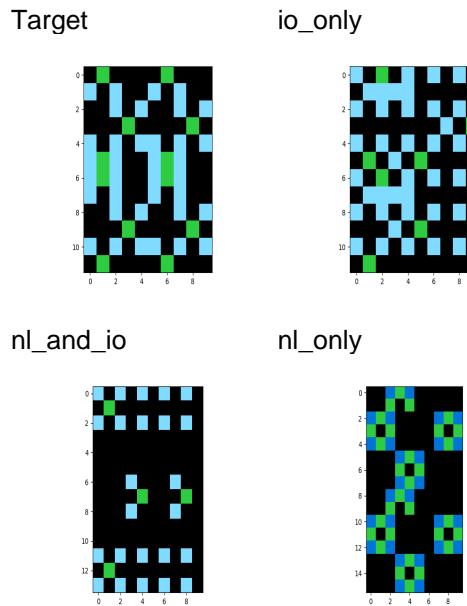


To make the output, you have to...color the outside border the same color as the outside border of the input grid. Continue to color the output grid using the next color until it is filled

## Task ID: 10fcaaa3



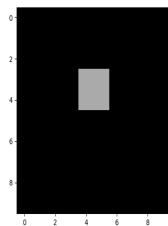
## GPT-4 Generations



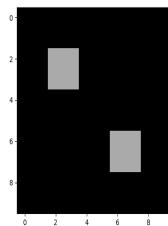
To make the output, you have to... resize the output grid to be double the width and height of the input grid. Then, copy and paste each colored square in the input grid 4 times -- once in each "quadrant" (if, in the input, the square is in the uppermost and leftmost corner, then it should be in the uppermost and leftmost corner in the output, as well as in the uppermost and leftmost corner of each "quadrant"). Then, for every single colored square, do the following: put a light blue square on each adjacent corner, forming a cross with 4 light-blue squares and the colored square in the middle.

## Task ID: 95990924

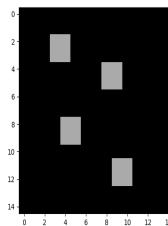
train



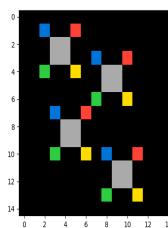
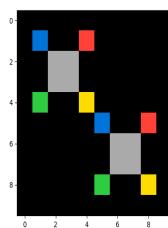
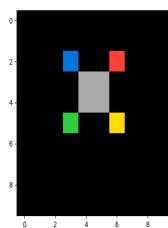
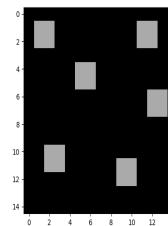
train



train

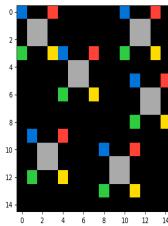


test

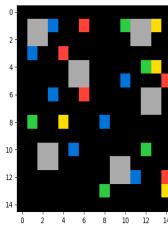


## GPT-4 Generations

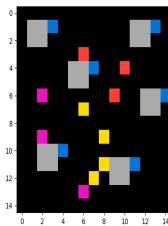
Target



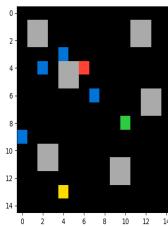
io\_only



nl\_and\_io

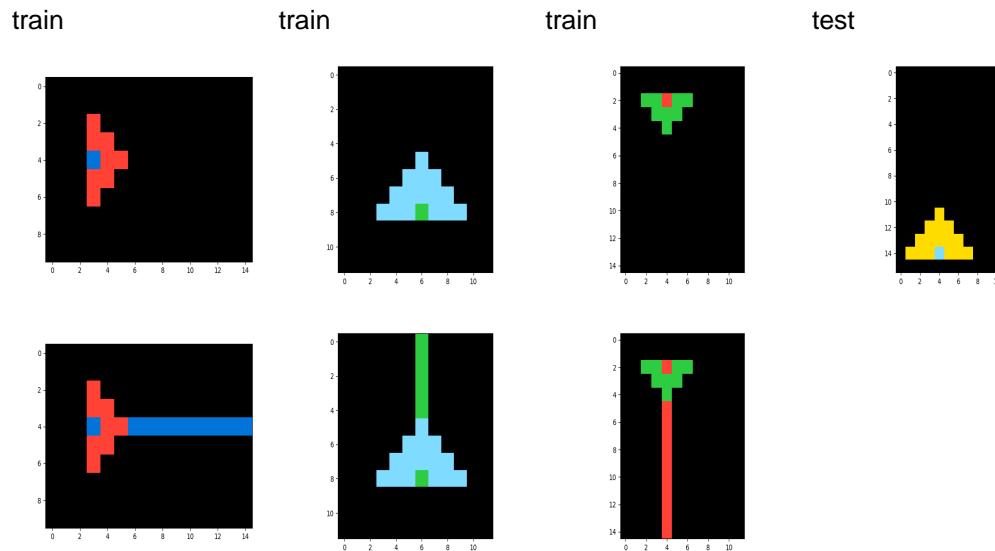


nl\_only

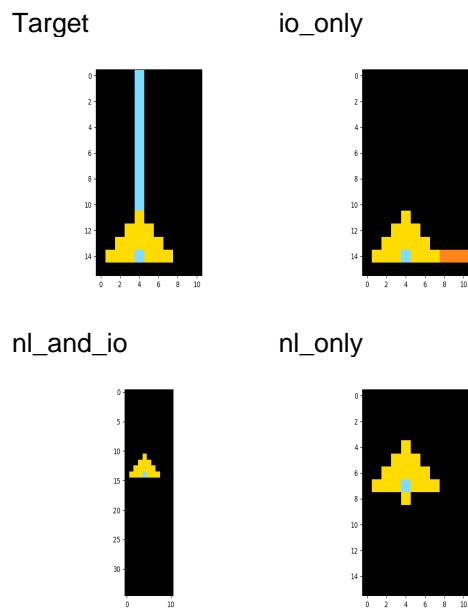


To make the output, you have to... surround each square with the following, connected diagonally to each of the corners: Blue on the top left, Red on the top right, Green on the bottom left, Yellow on the bottom right. The end result should almost resemble a flower, with a gray center and four colored petals.

## Task ID: 25d487eb



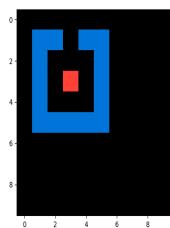
## GPT-4 Generations



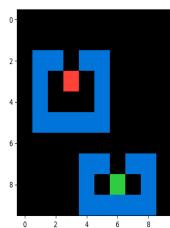
To make the output, you have to...take the smaller color and shoot it out the top

## Task ID: 444801d8

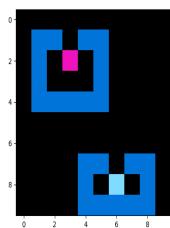
train



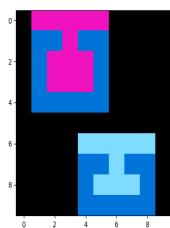
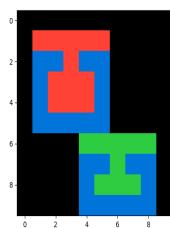
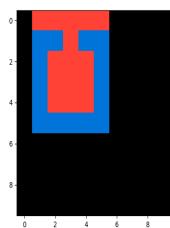
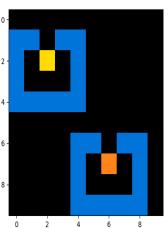
train



train

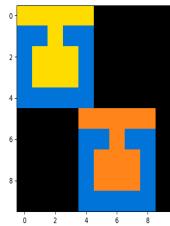


test

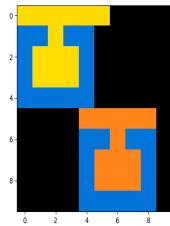


## GPT-4 Generations

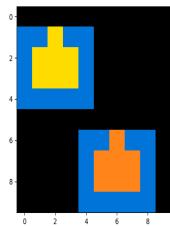
Target



io\_only



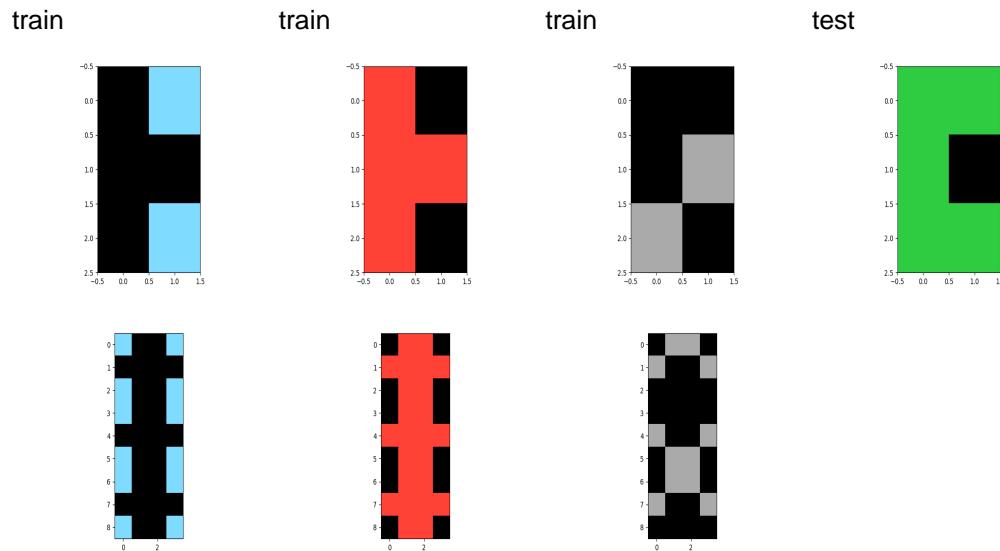
nl\_and\_io



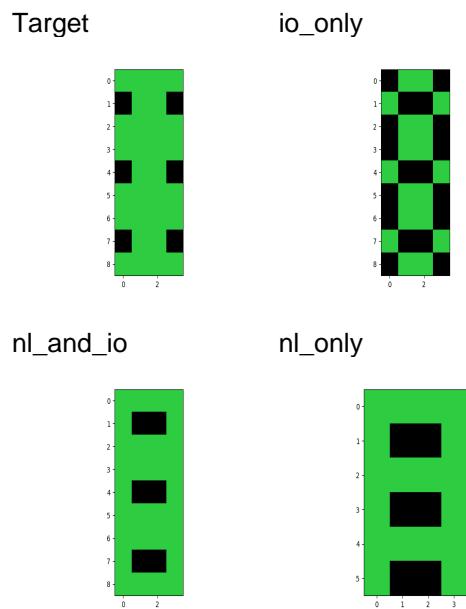
nl\_only

To make the output, you have to...In the input, you should see...fill single complete grid

## Task ID: 8d5021e8

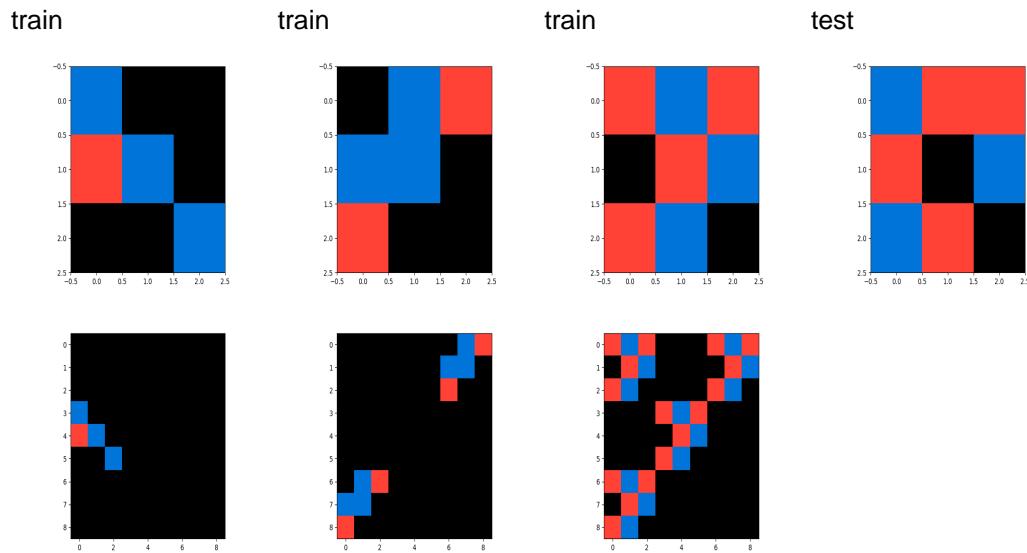


## GPT-4 Generations

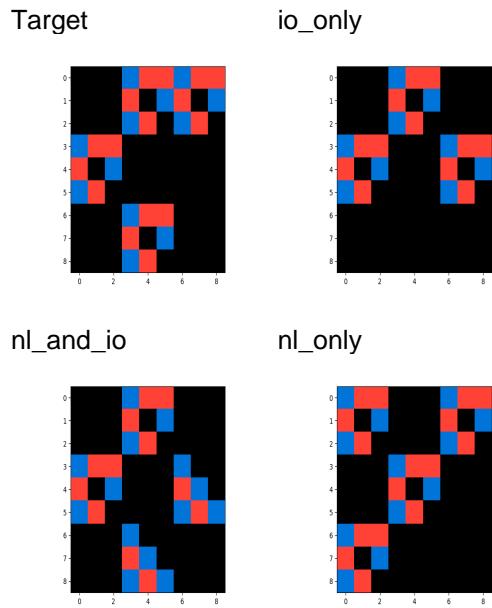


To make the output, you have to... add reverse input on the back  
then do two more time

## Task ID: cce03e0d

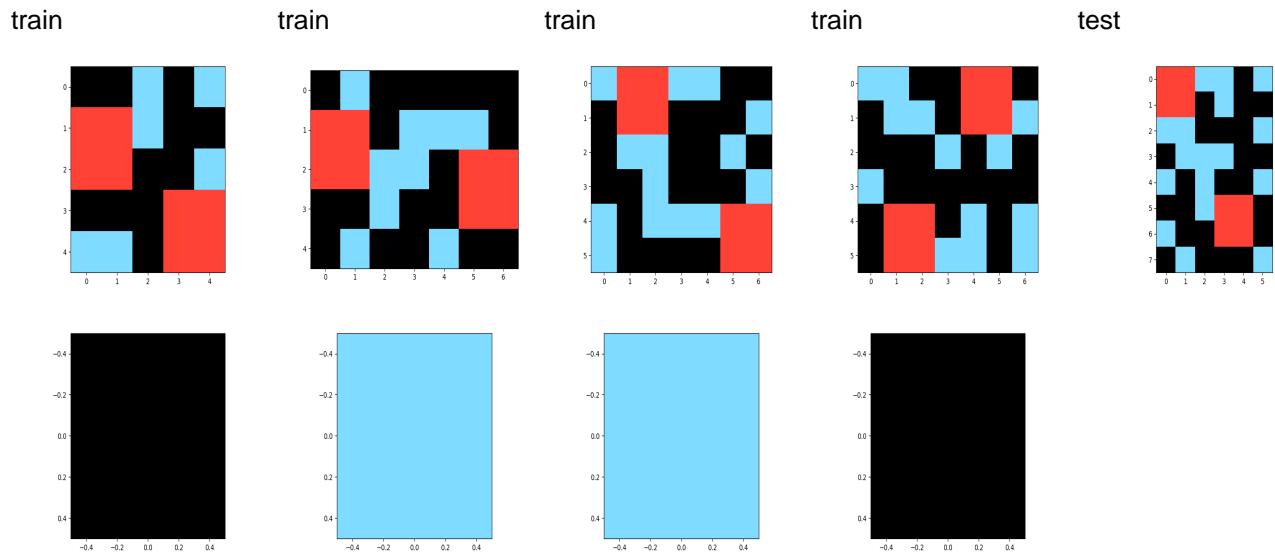


## GPT-4 Generations

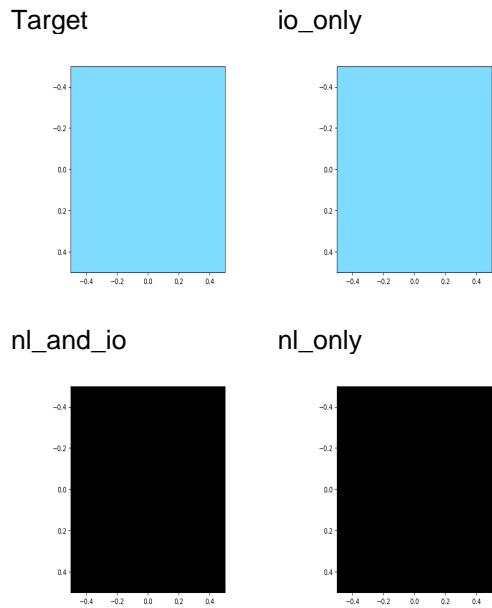


To make the output, you have to...Visualize the output grid as nine 3x3 blocks. The red squares on your input indicate which 'blocks' in your 9x9 grid you should work in. Copy the 3x3 input pattern to the 'blocks' indicated by the location of the red squares.

## Task ID: 239be575

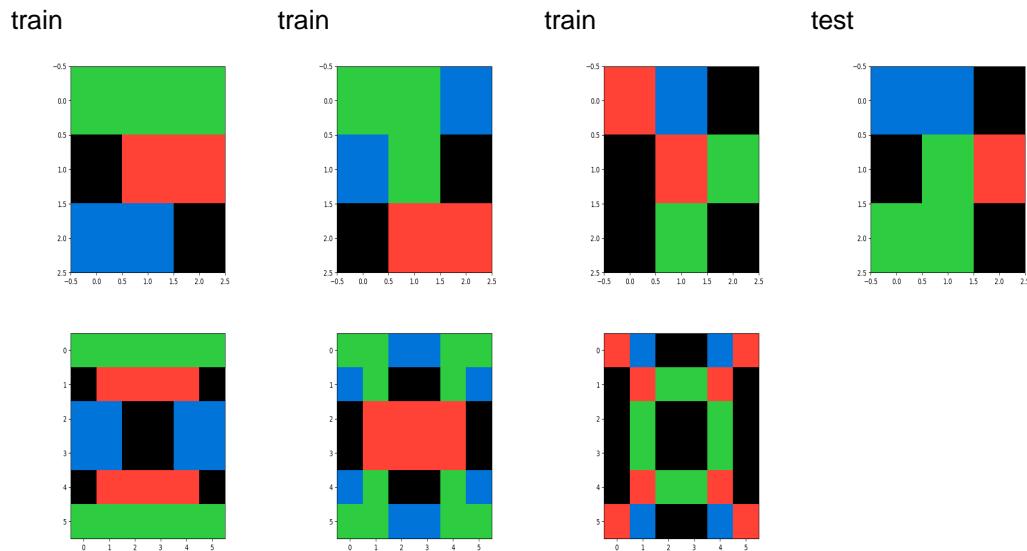


## GPT-4 Generations

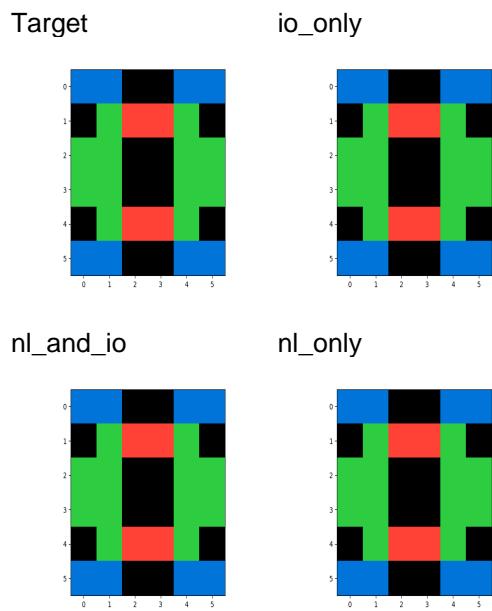


To make the output, you have to...make the color of the square the same color as the square that is five down and three across of the input.

## Task ID: 62c24649



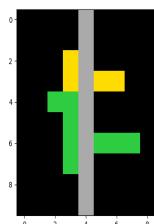
## GPT-4 Generations



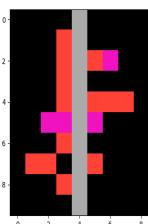
To make the output, you have to...place the input grid in the top left 3x3. Then, reflect the top left 3x3 and place it in the top right 3x3. Now, reflect the top left and right 3x3 and place in the bottom left and right 3x3.

## Task ID: e3497940

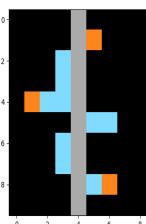
train



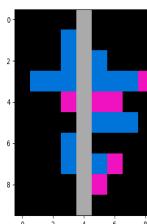
train



train

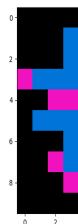


test

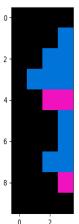


## GPT-4 Generations

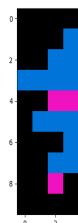
Target



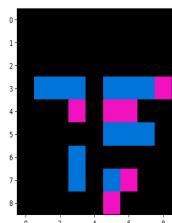
io\_only



nl\_and\_io



nl\_only



To make the output, you have to...take the right side section and turn it to the left rotating two times until all colored boxes start on the right. The image will be the overlap of the two sides.