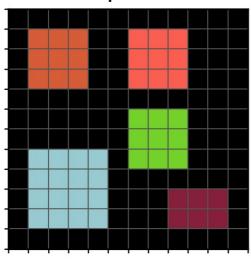
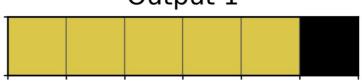
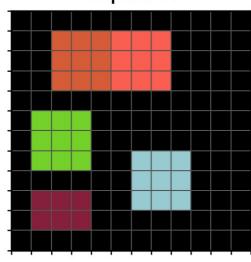
Input 1



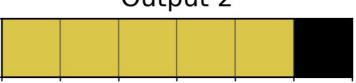




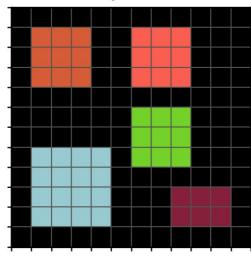
Input 2



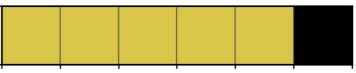




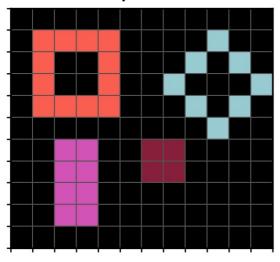
Input 3

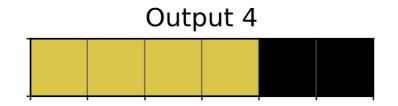




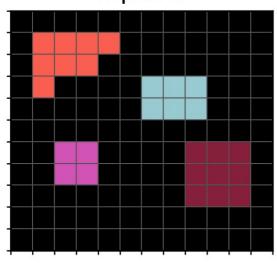


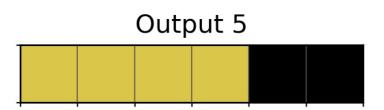
Input 4



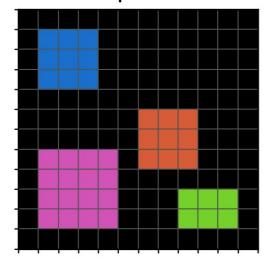


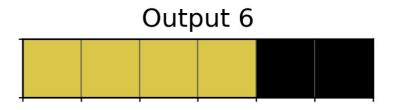
Input 5





Input 6





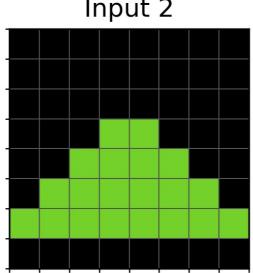
Input 7 Output 7 Input 8 Output 8 Input 9 Output 9

Input 1

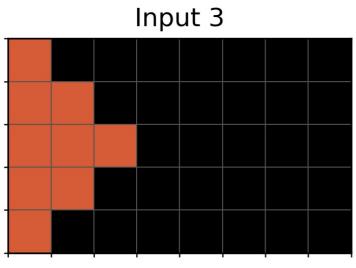
Input 1

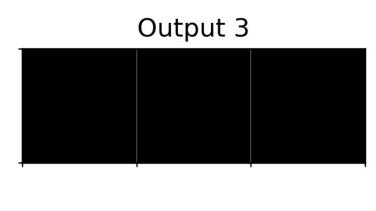
Input 2



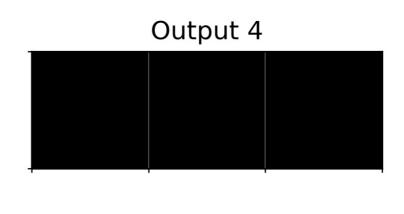




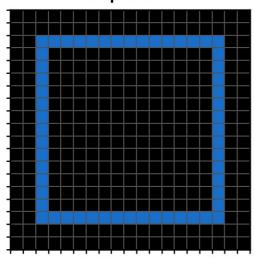




Input 4



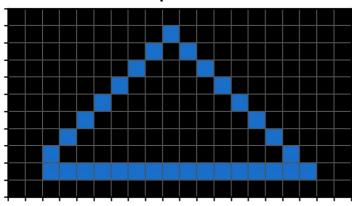




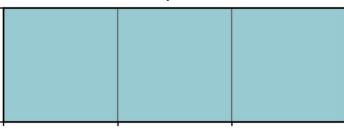




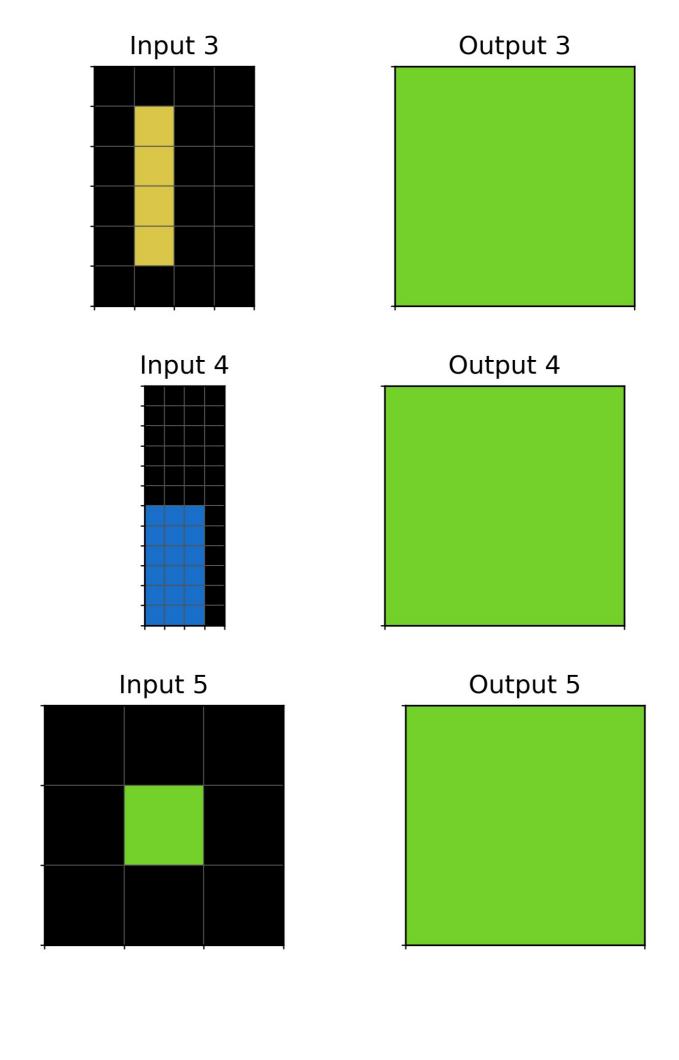
Input 2



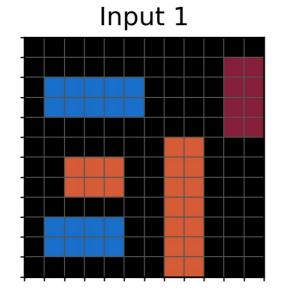
Output 2

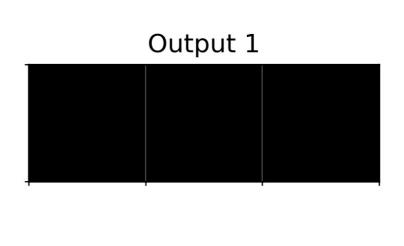


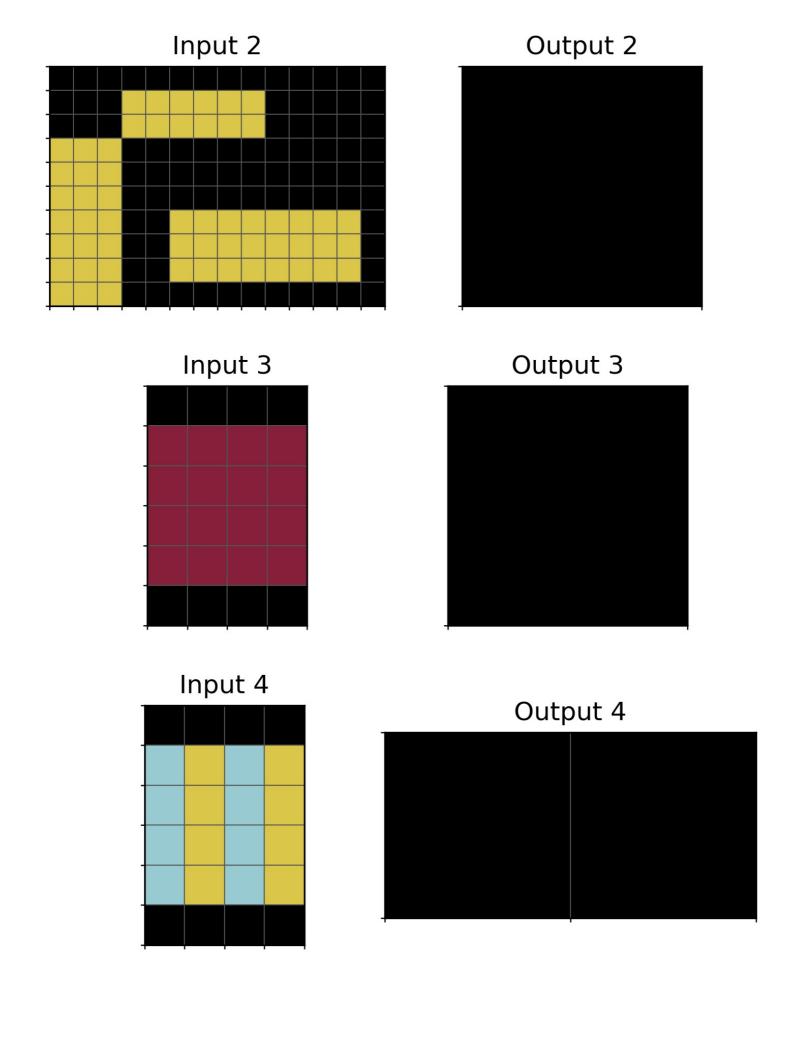
Input 3 Output 3 Input 1 Output 1 Input 2 Output 2



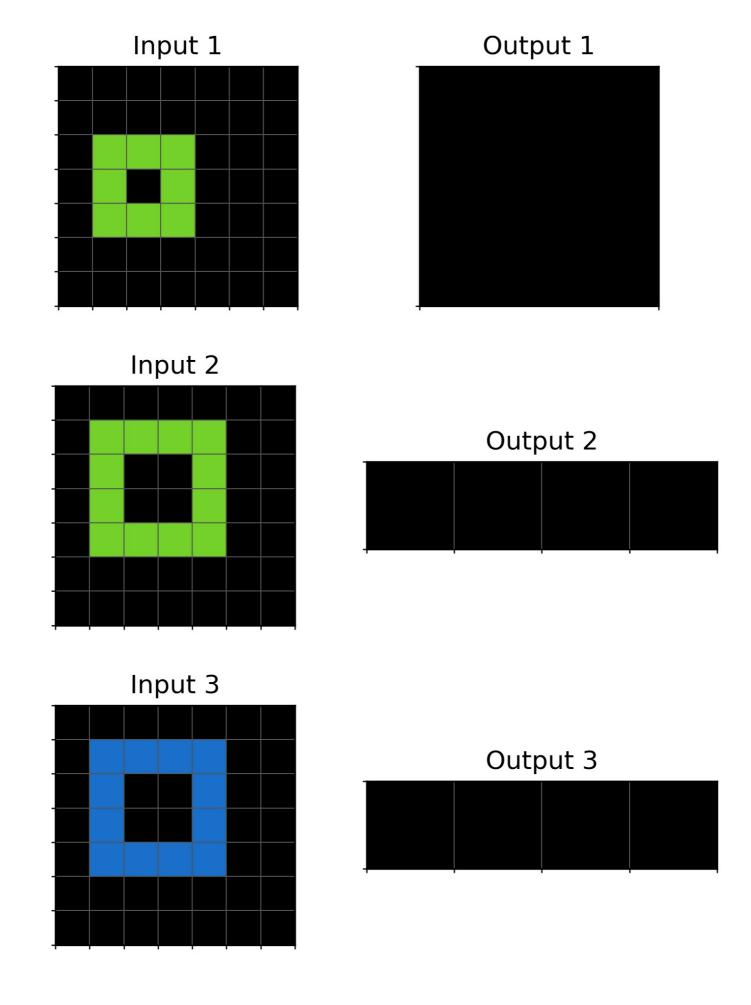
Input 6 Output 6 Input 7 Output 7



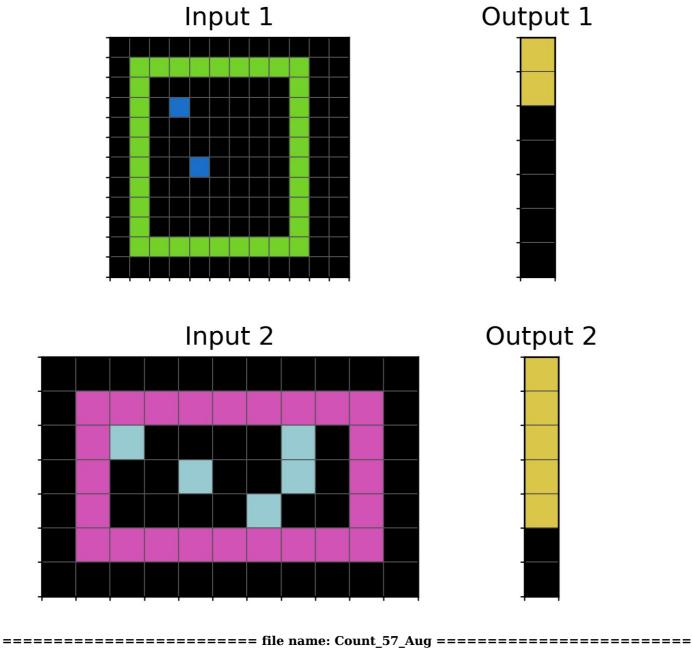


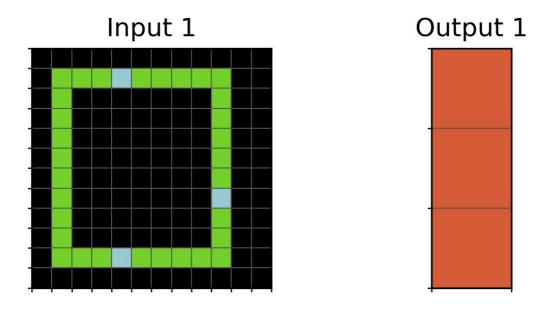


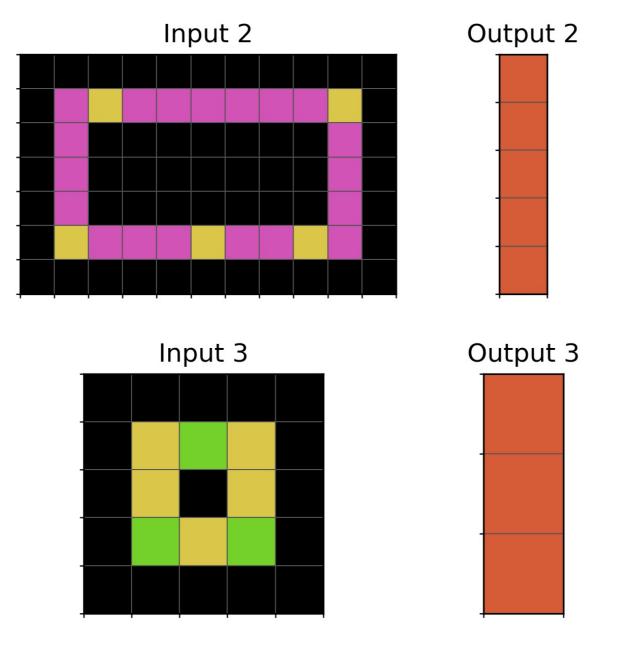
Output 5 Input 5 Output 6 Input 6 Input 7 Output 7

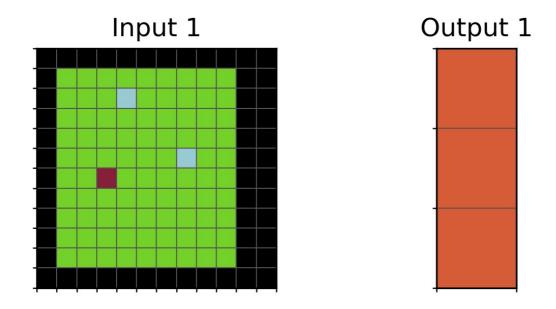


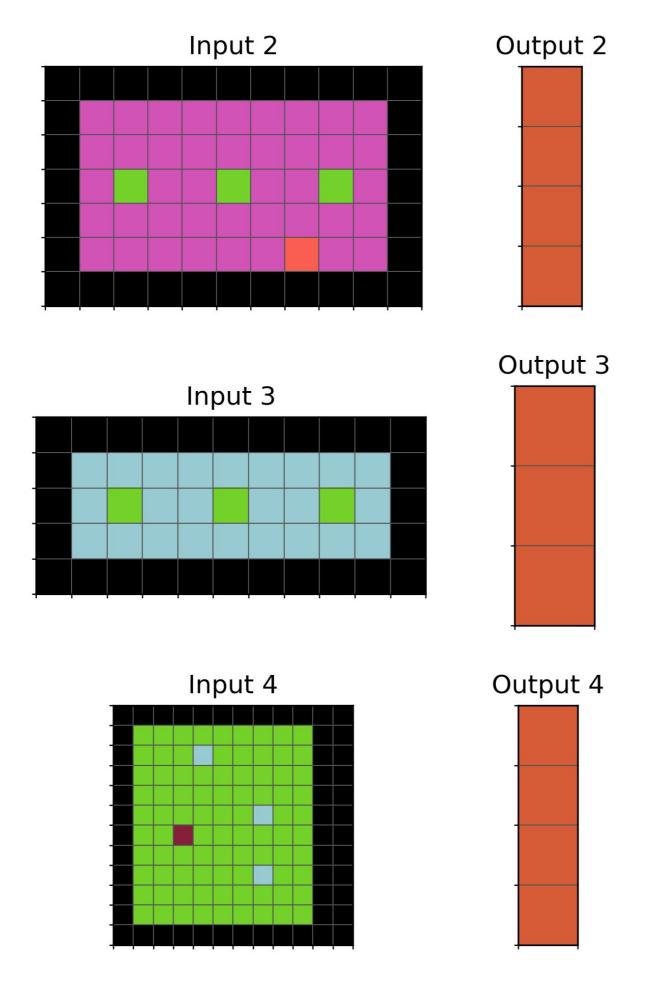
Input 4 Output 4 Input 5 Output 5 Input 6 Output 6







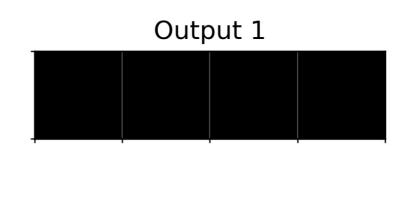


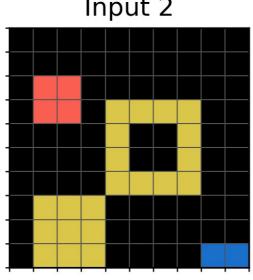


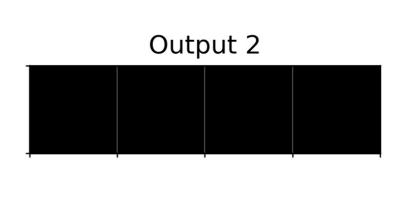
Input 1

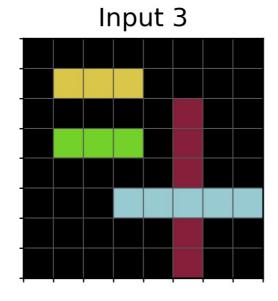
Input 1

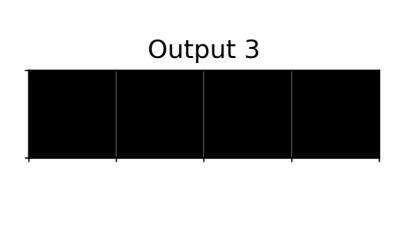
Input 2









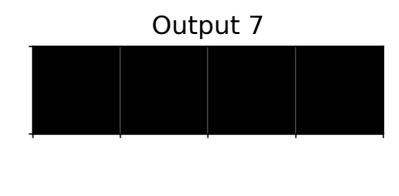


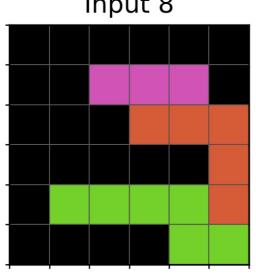
Input 4 Output 4 Input 5 Output 5 Input 6 Output 6

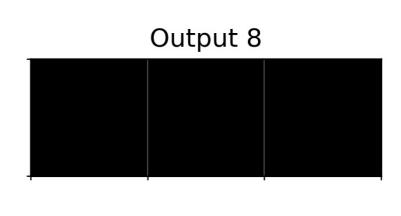
Input 7

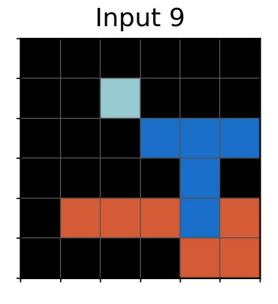
Input 7

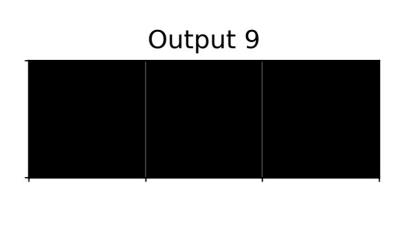
Input 8



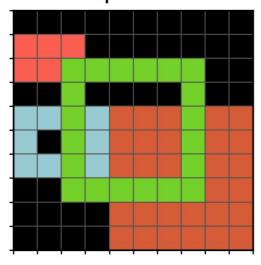








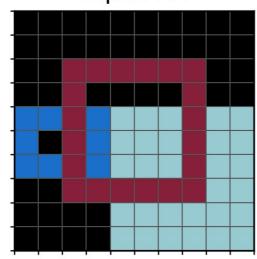
Input 10



Output 10



Input 11



## Output 11

