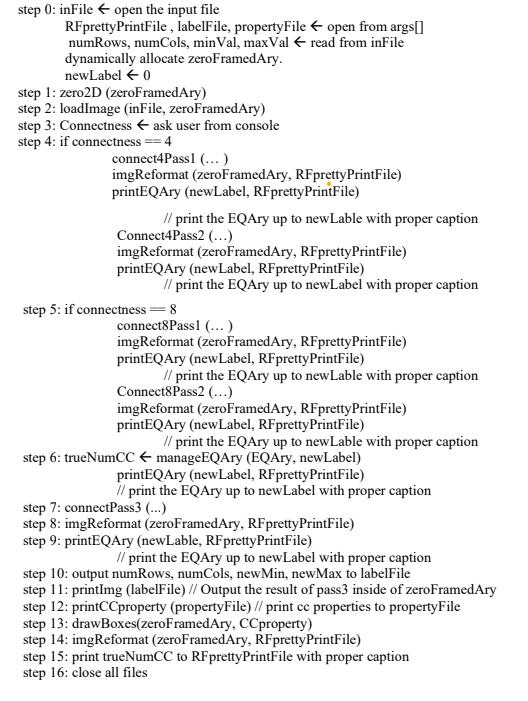
Student: Simon Kong

Project Due date: 10/17/2021

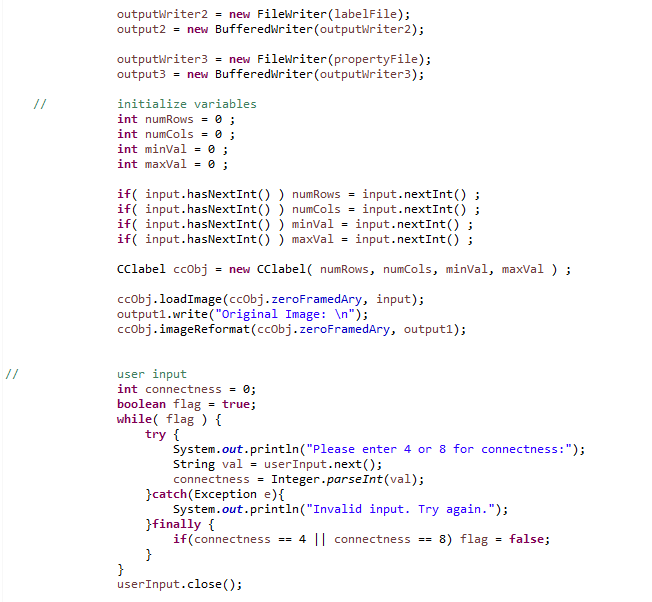
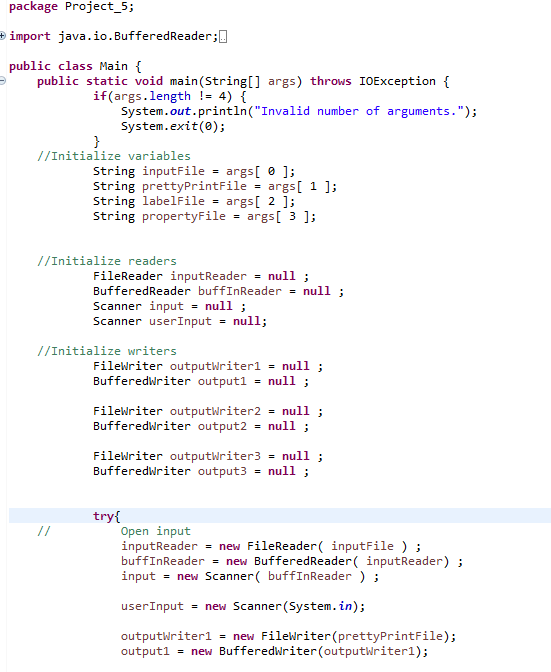
Algorithm Steps

Main



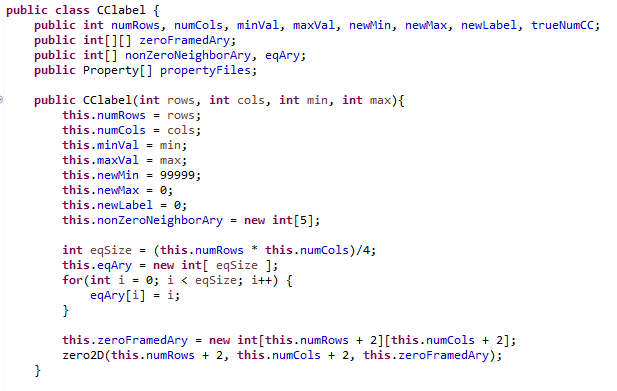
Source Code

*Main Class*

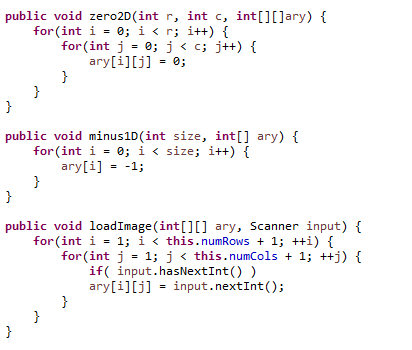


*CCLabel Class*

Constructor



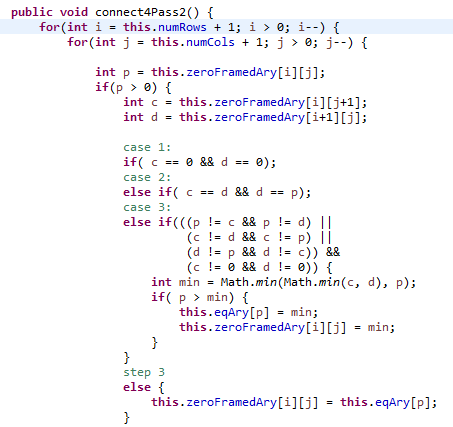
Zero2D, minus1D, loadImage



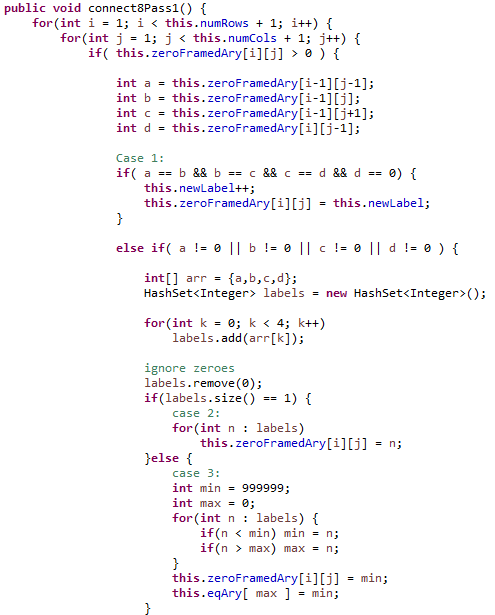
Connect4pass1



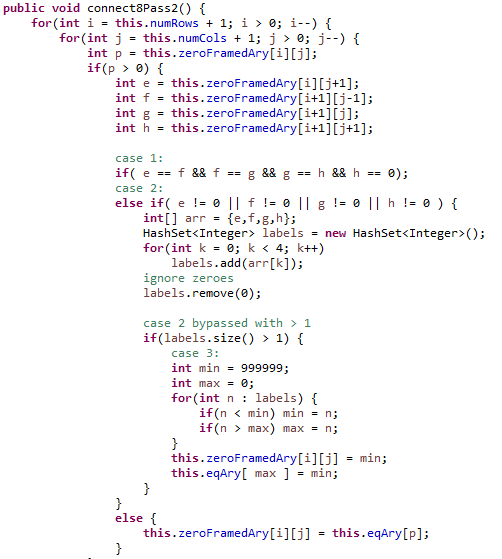
Connect4Pass2



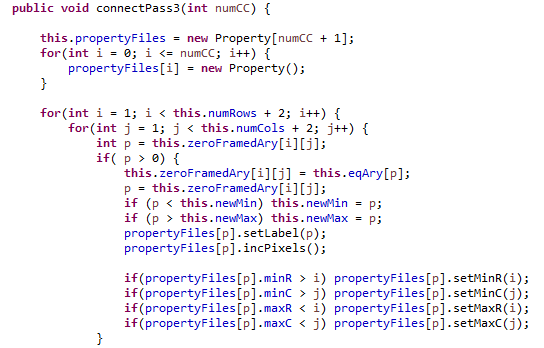
Connect8Pass1



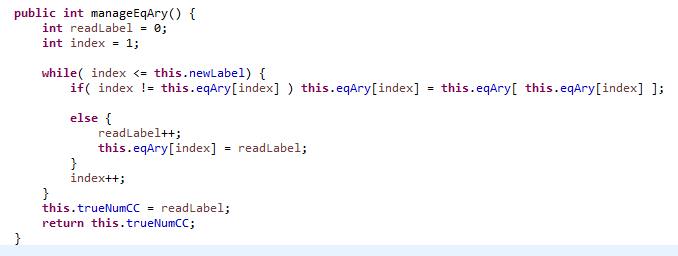
Connect8Pass2



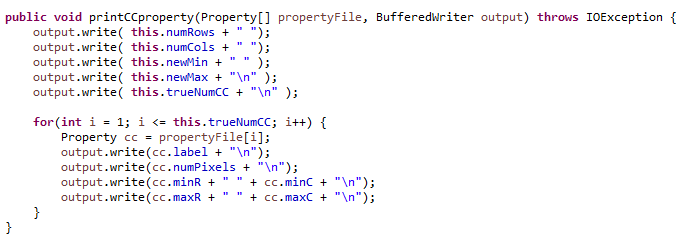
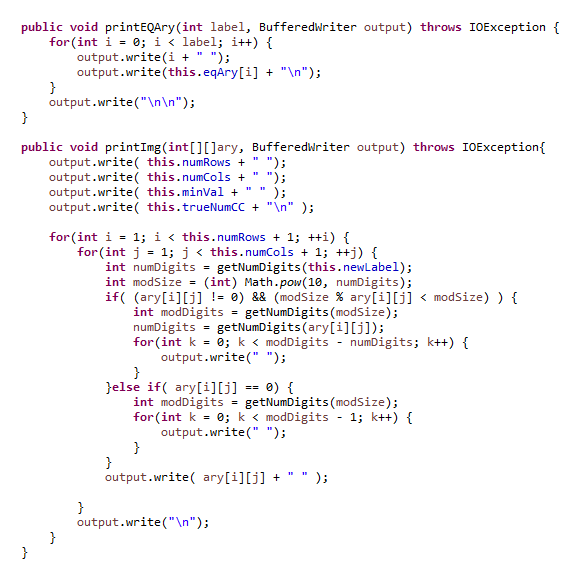
connectPass3



manageEqAry

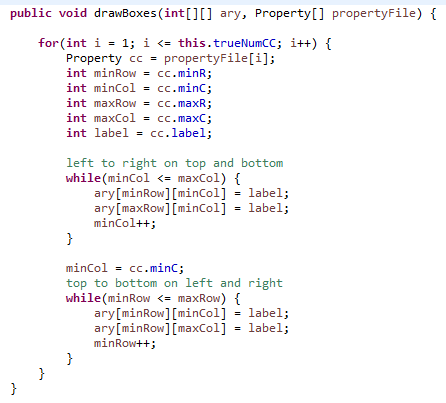
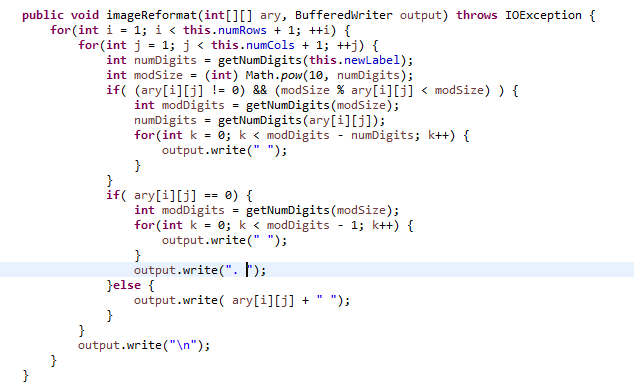


PrintEQAry, printImg, printCCproperty

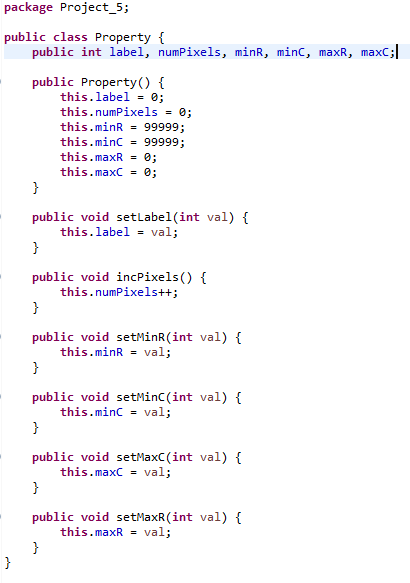


imageReformat

drawBoxes

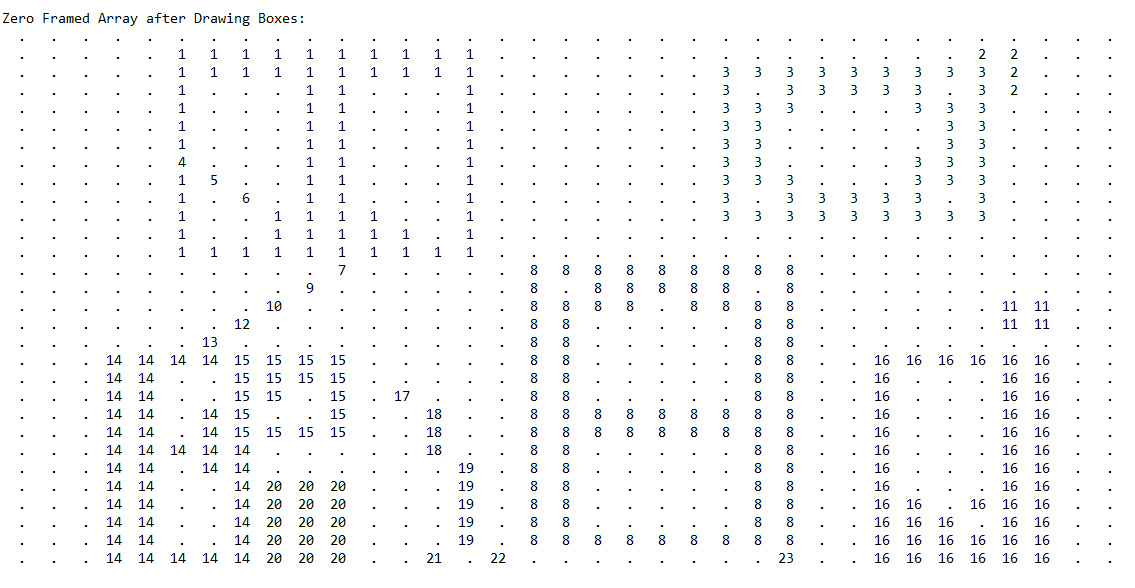
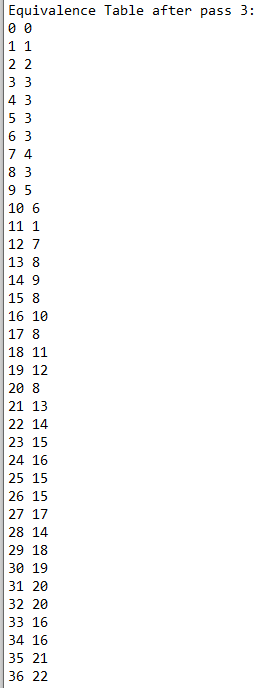
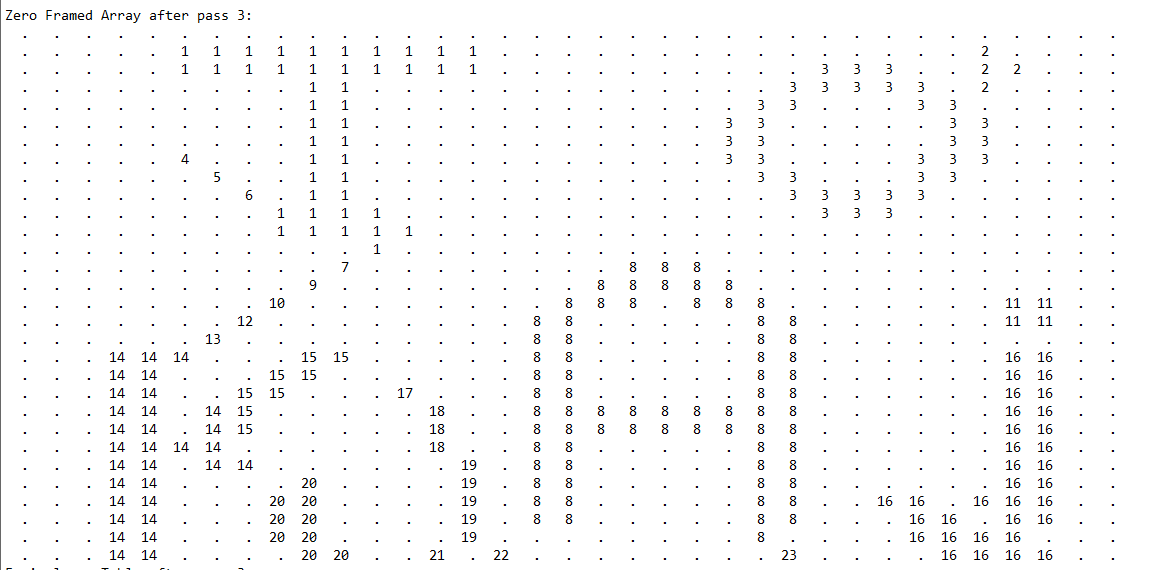
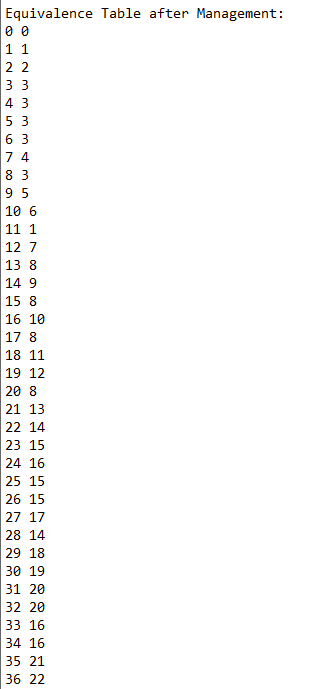
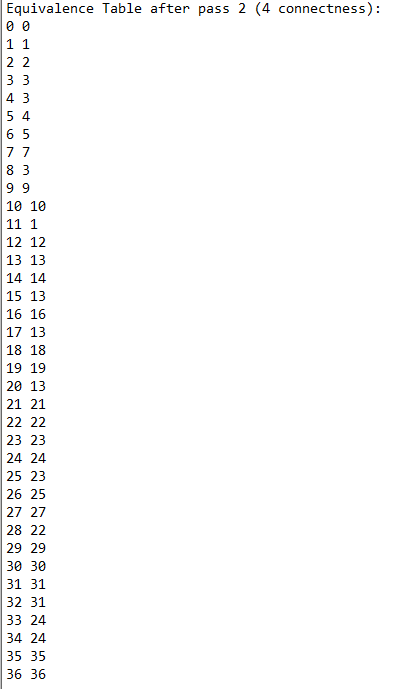
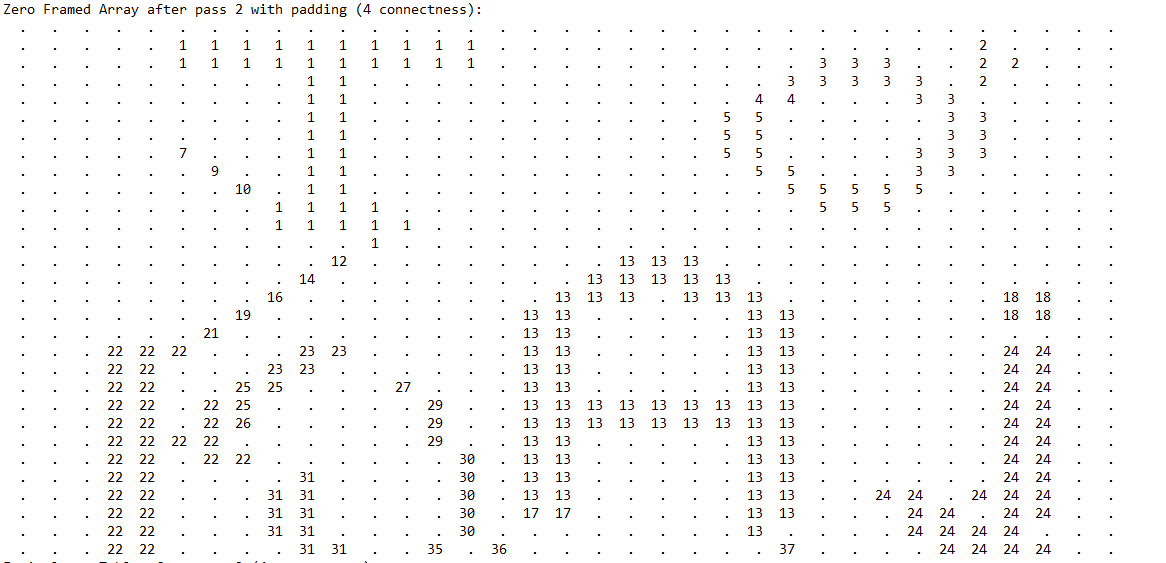
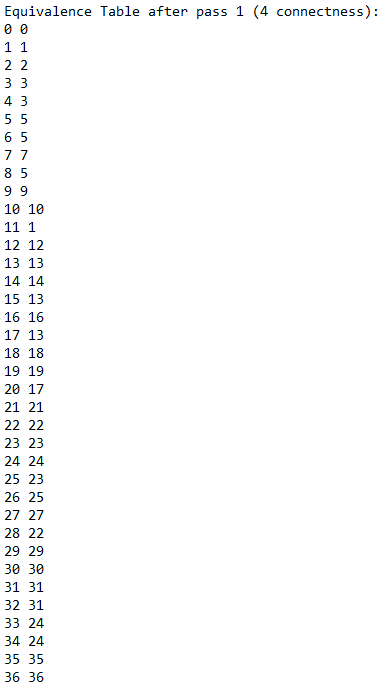
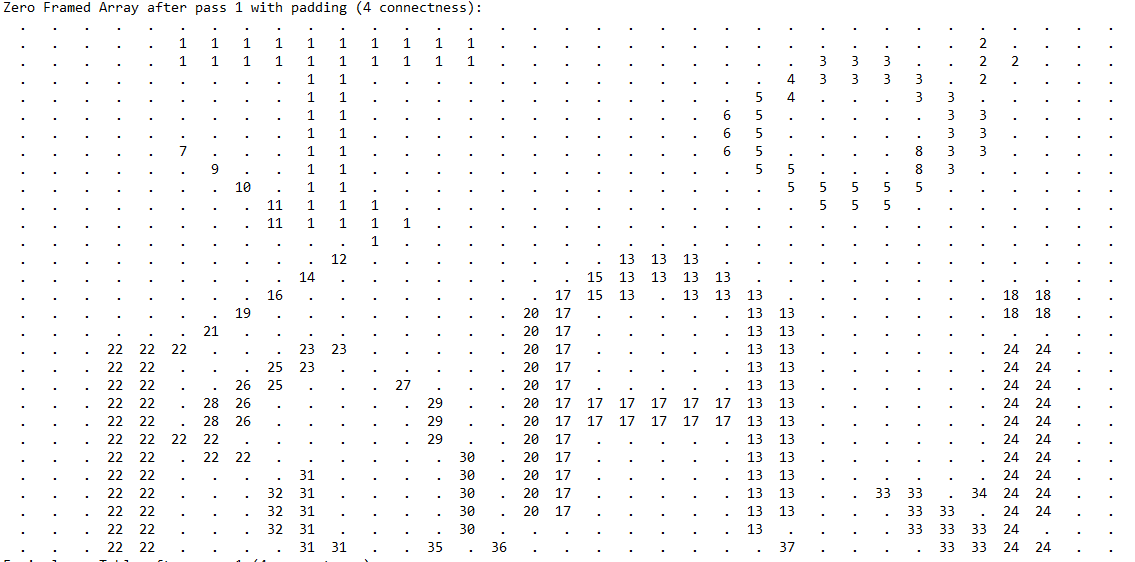


*Property Class*

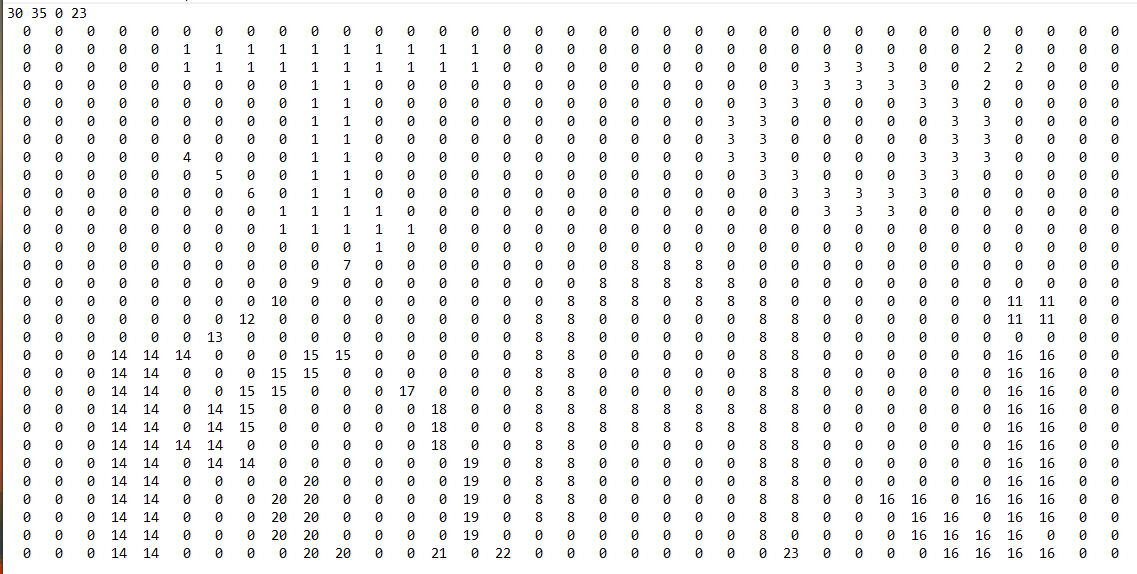


Output

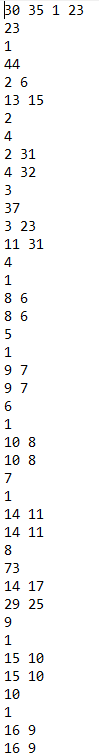
Data 2 4 Connectness: prettyPrintFile



Data 2 4 connectness: labelFile



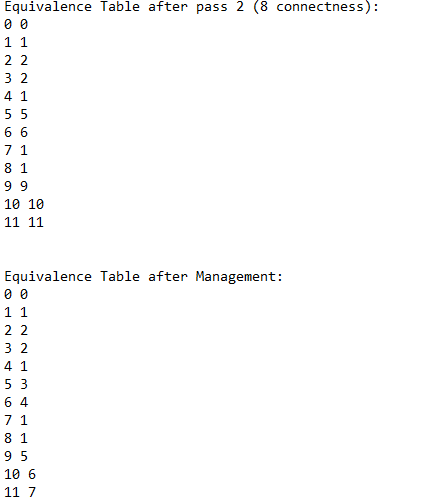
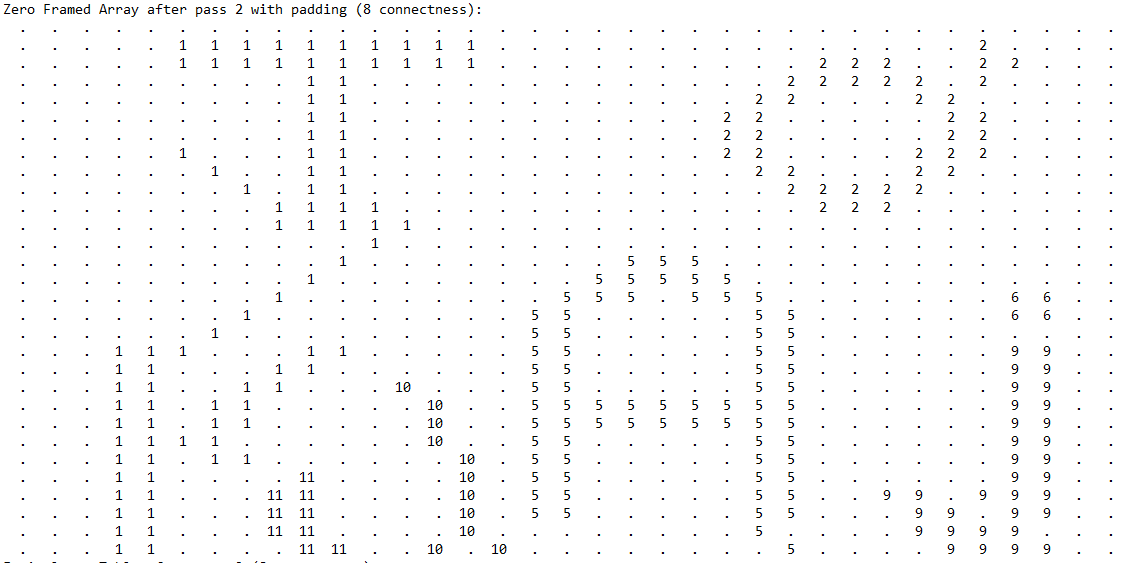
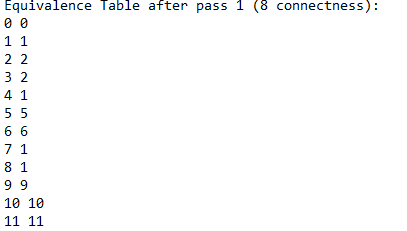
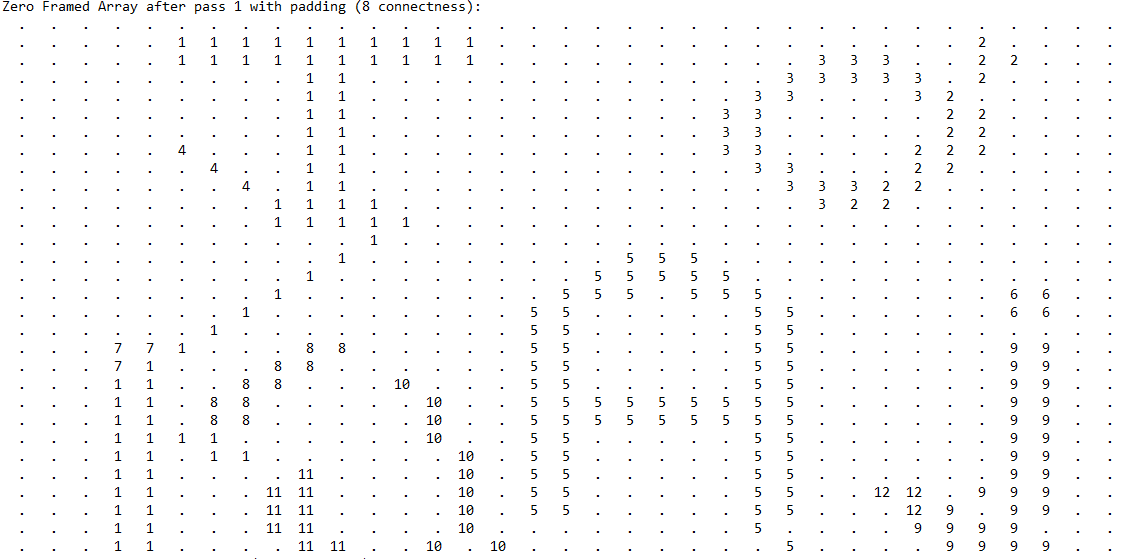
Data 2 4 connectness: propertyFile



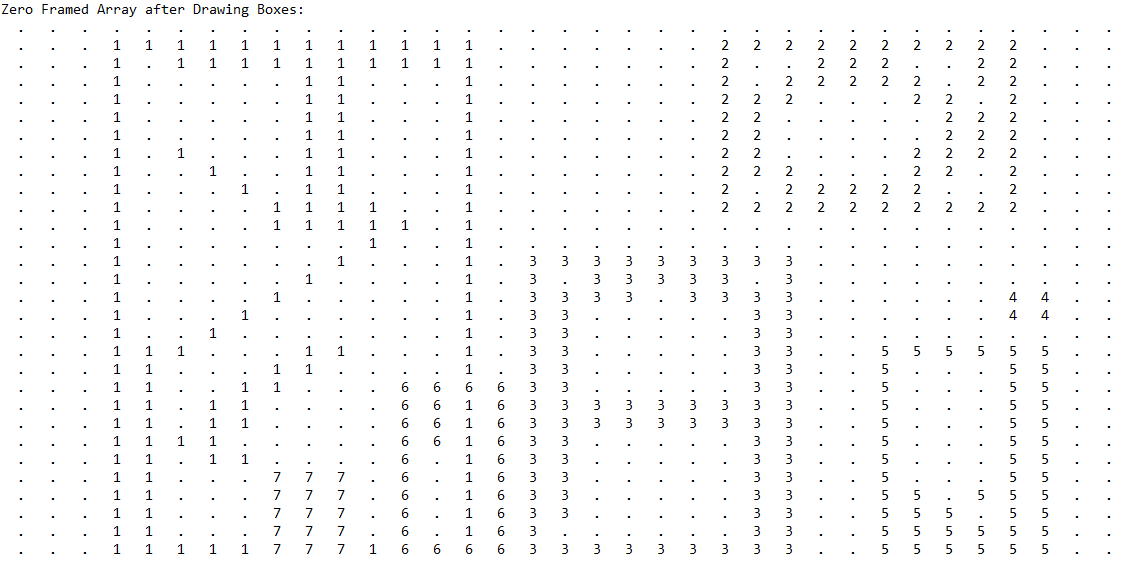
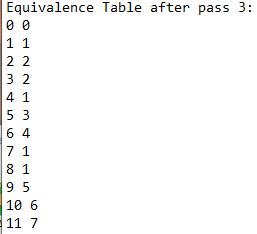
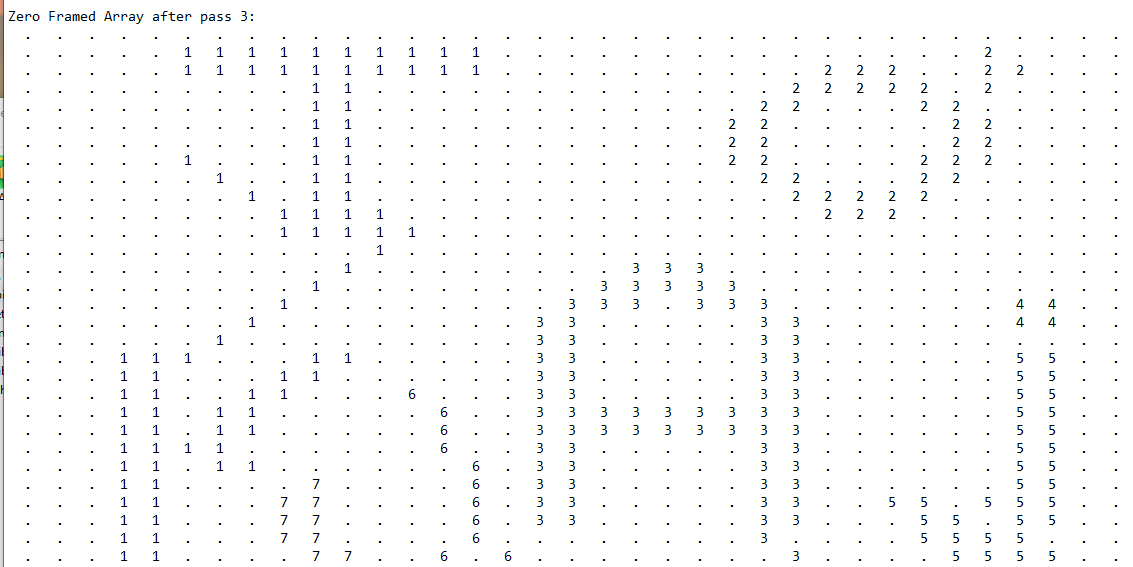
Data 2 8 connectness: prettyPrintFile



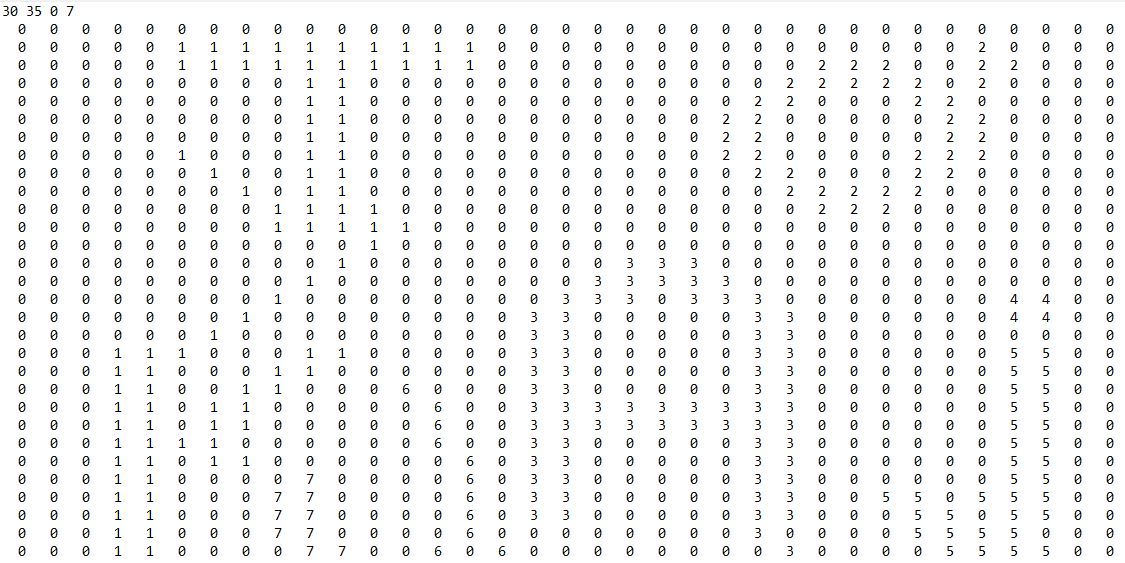
Zero Framed After pass 1



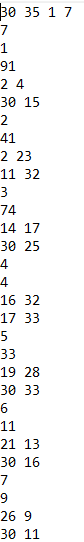
Zero Framed after pass 3



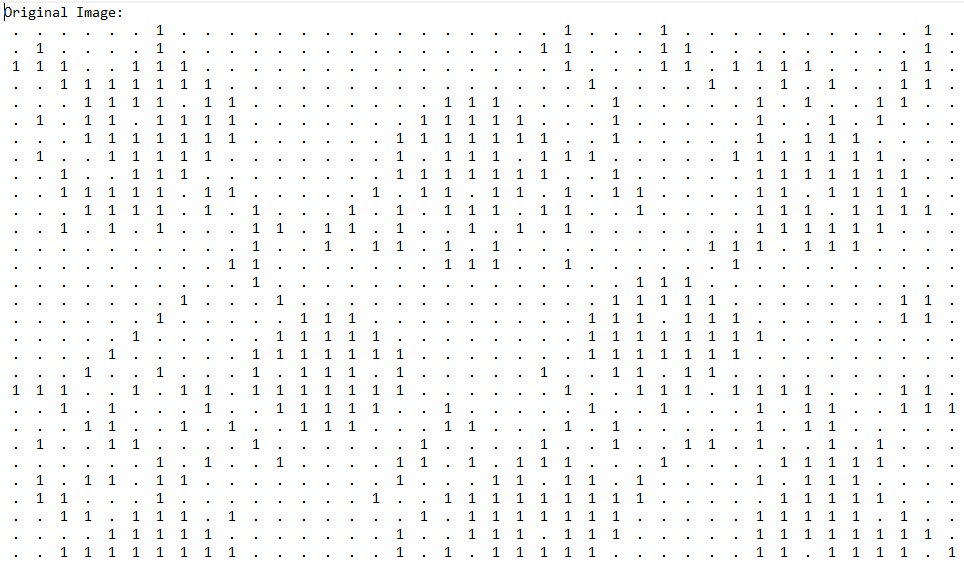
Data 2 8 connectness: labelFile



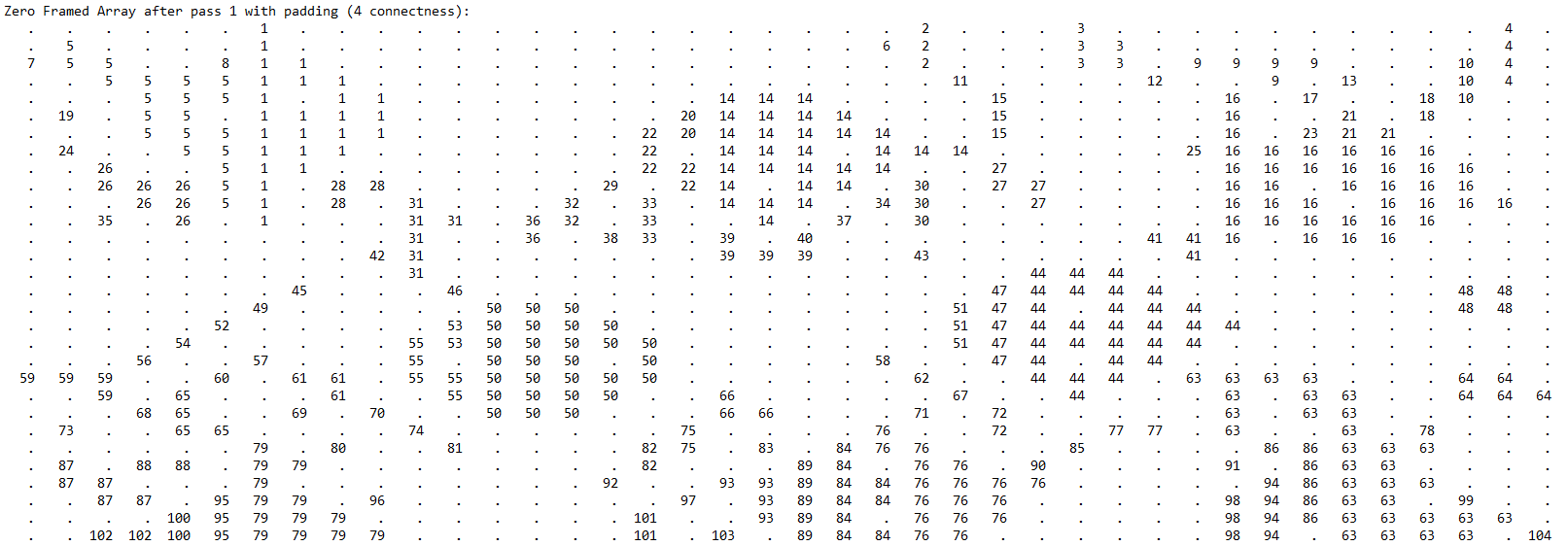
Data 2 8 connectness: propertyFile



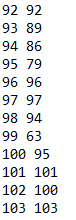
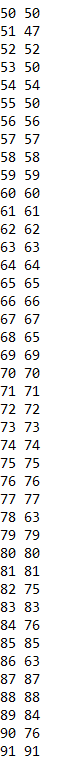
Data 3 4 connectness: prettyPrintFile



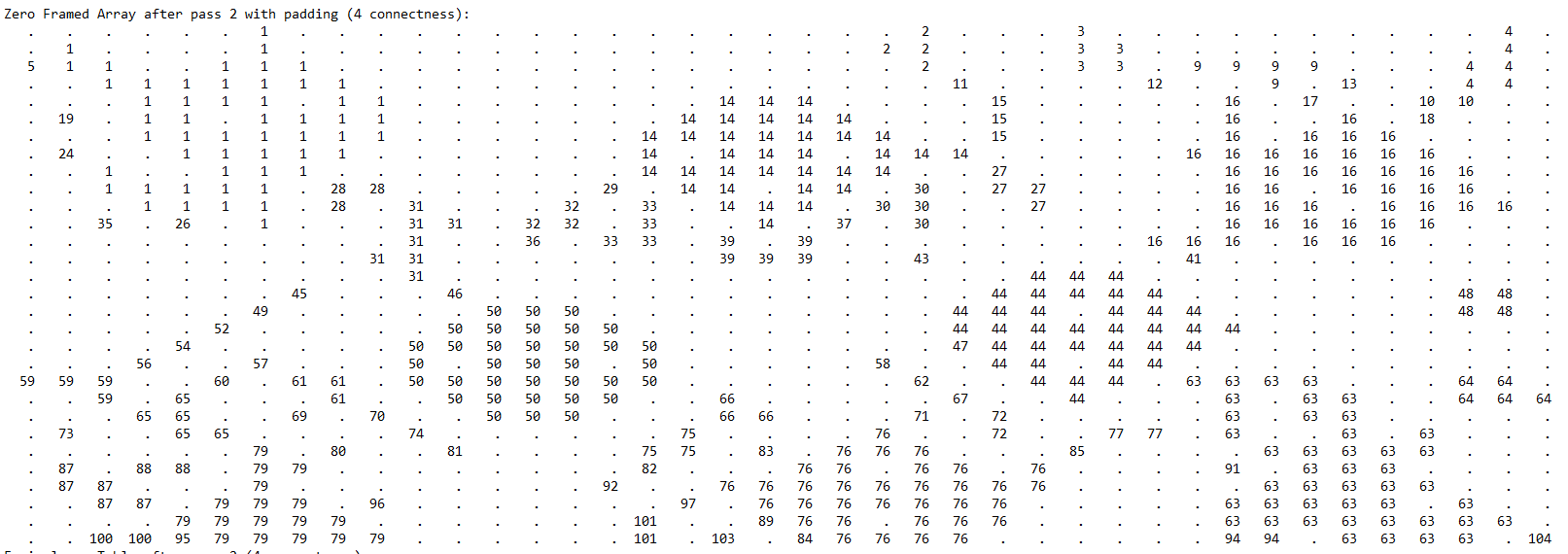
Zero Framed Array after pass 1



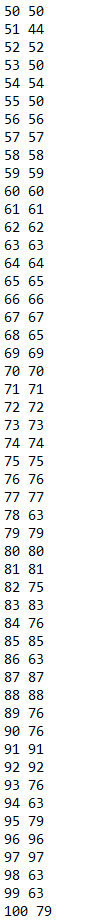
Equivalence Table after pass 1



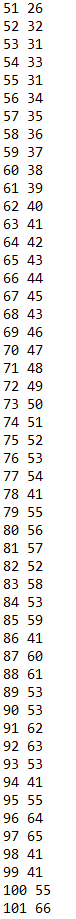
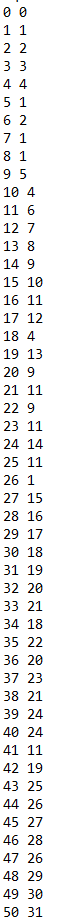
Zero Framed Array after pass 2



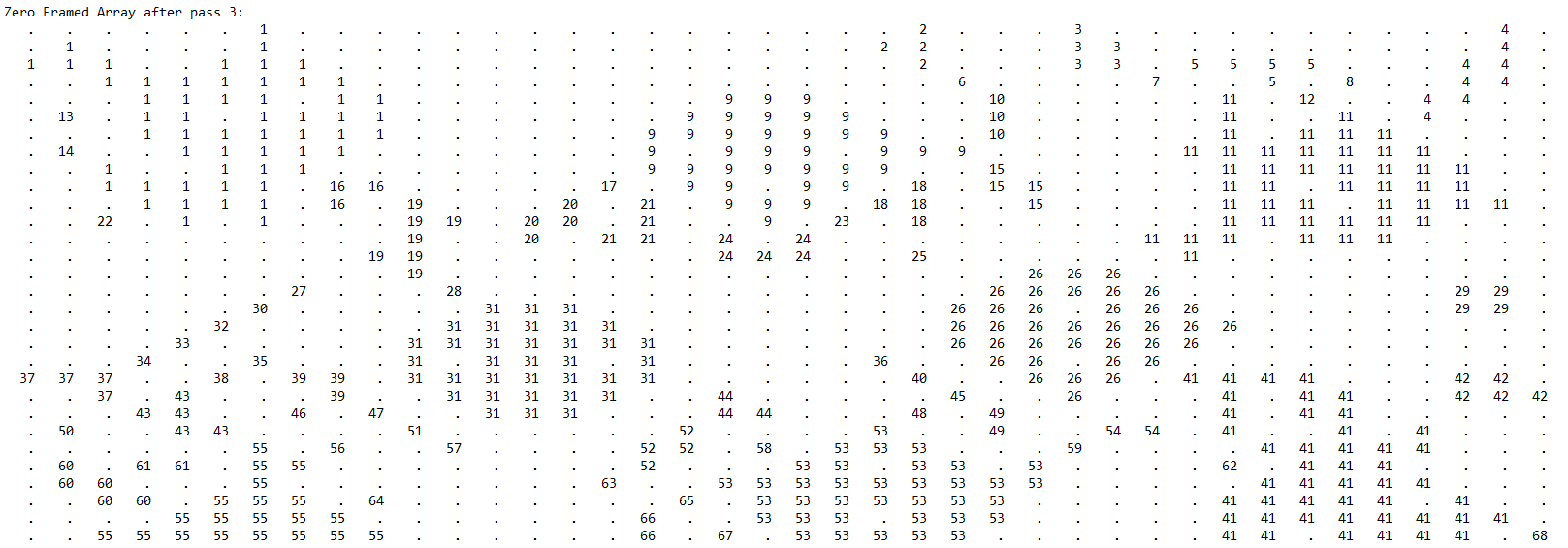
Equivalence table after pass 2



Equivalence Table after management



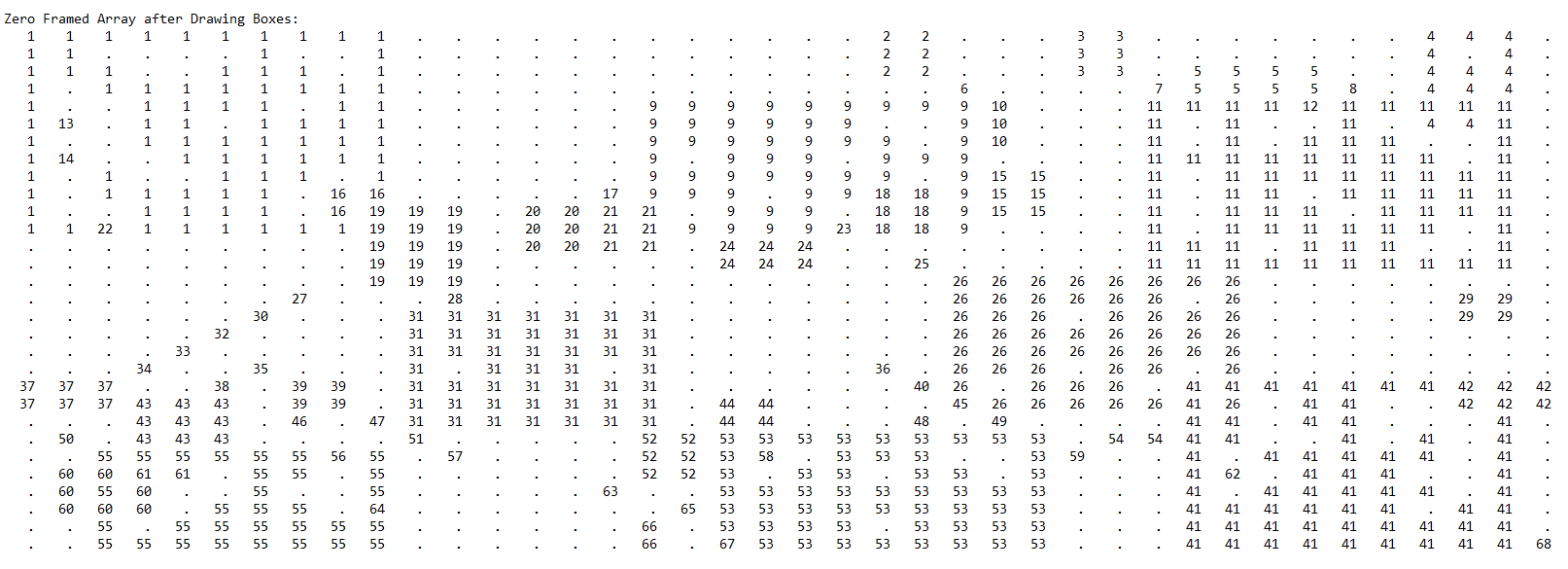
Zero Framed Array after pass 3



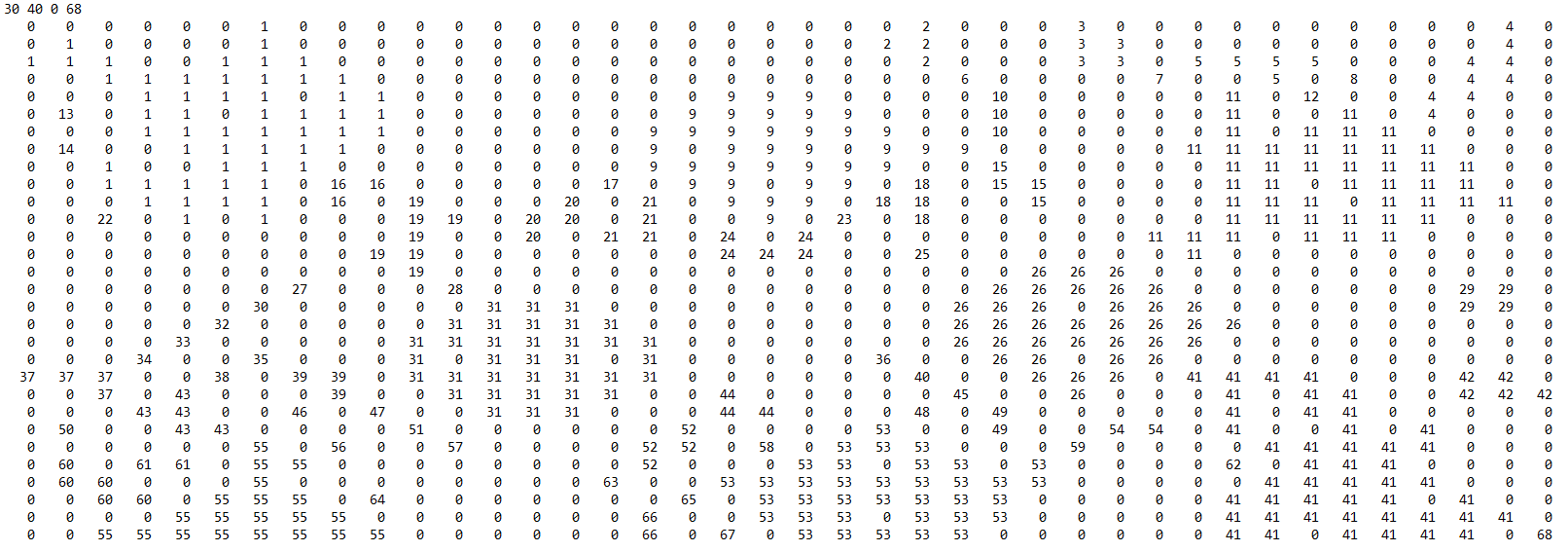
Equivalence Table after pass 3



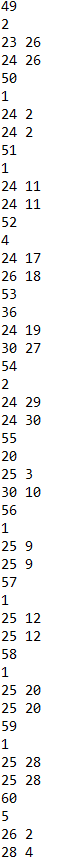
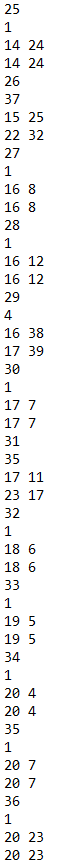
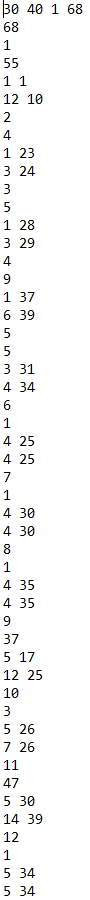
Zero Framed Array with boxes drawn



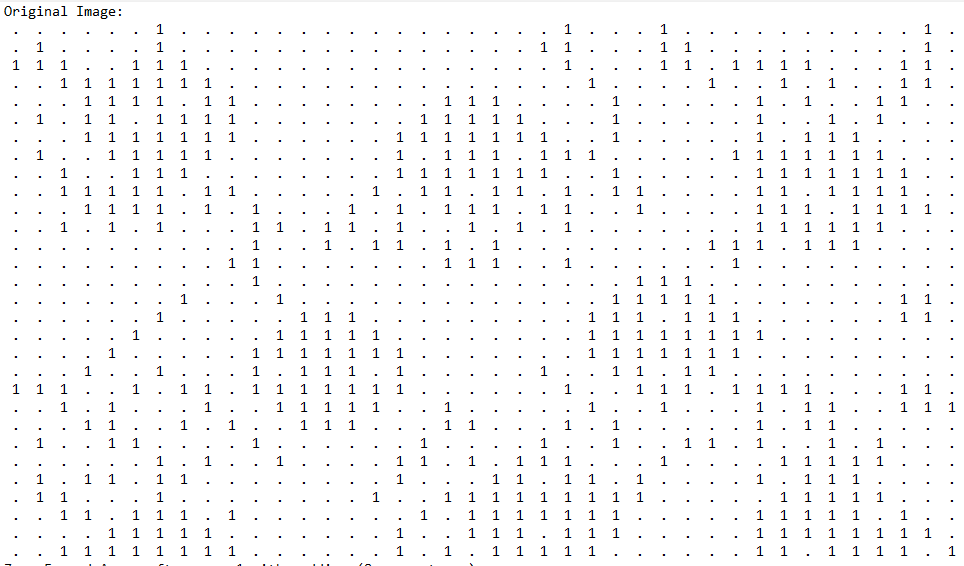
Data 3 4 connectness: labelFile



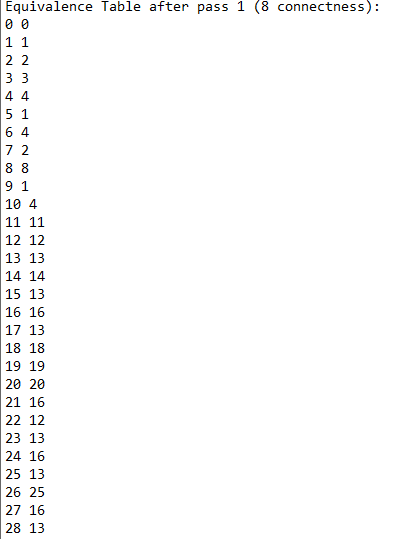
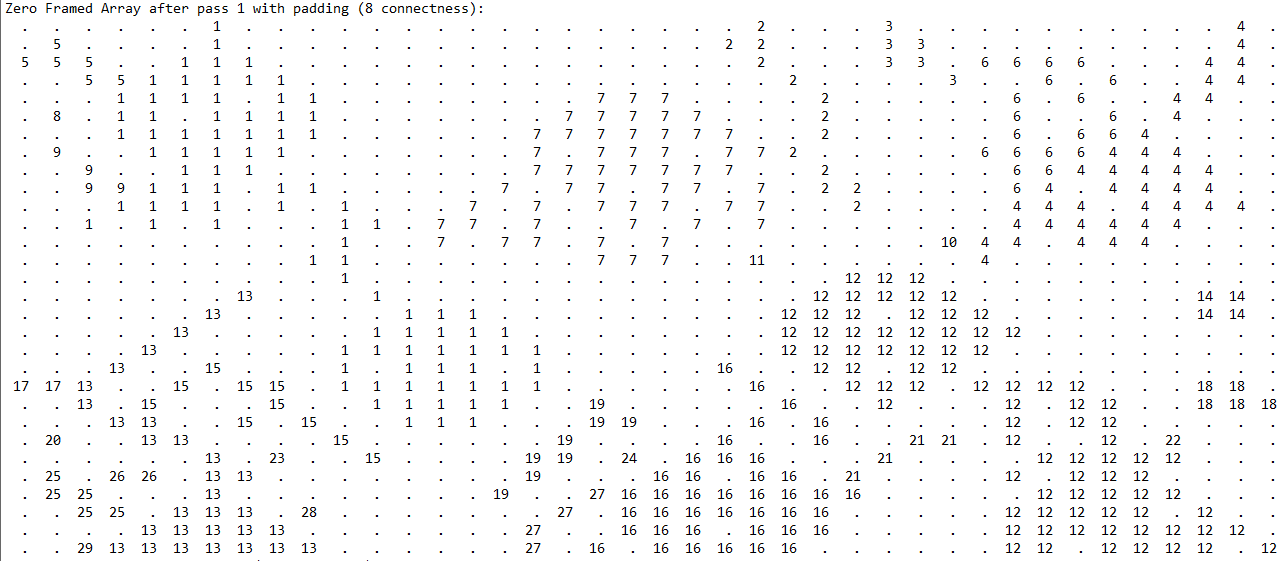
Data 3 4 connectness: propertyFile



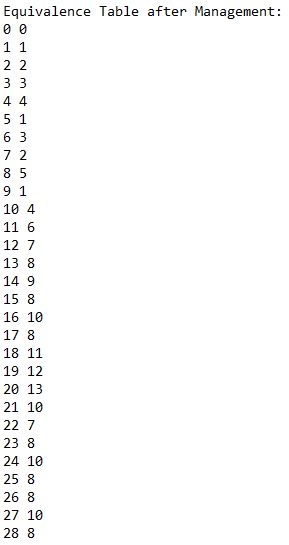
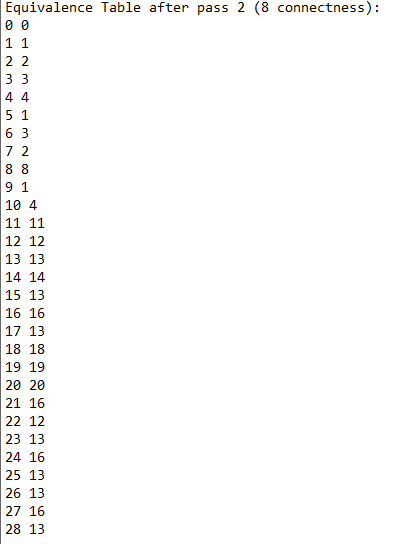
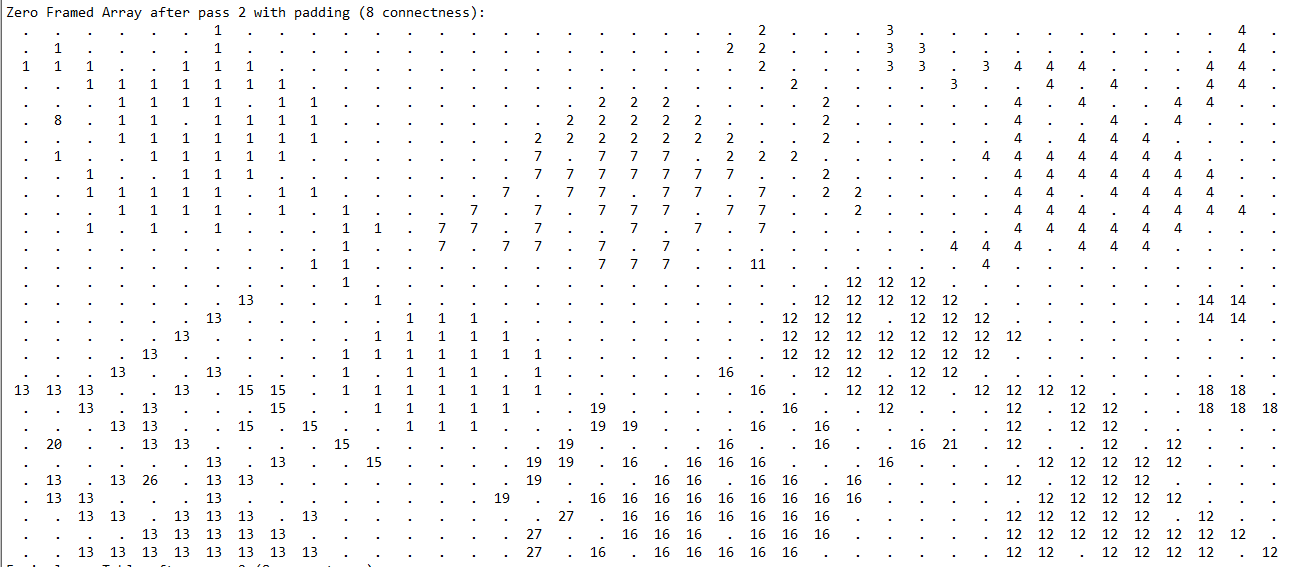
Data 3 8 connectness: prettyPrintFile



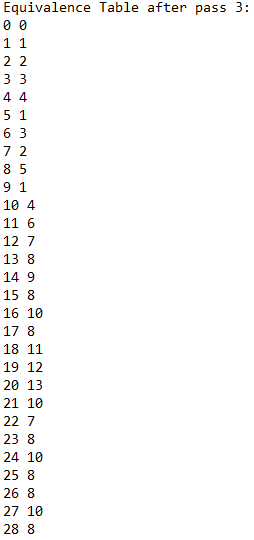
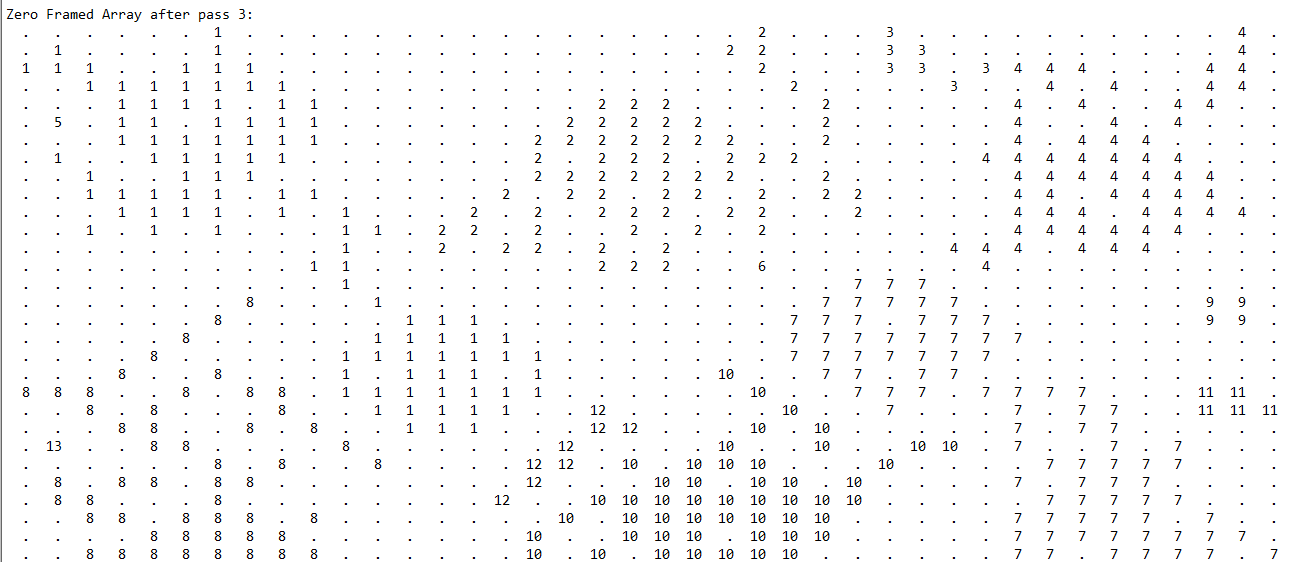
Zero Framed Array after pass 1



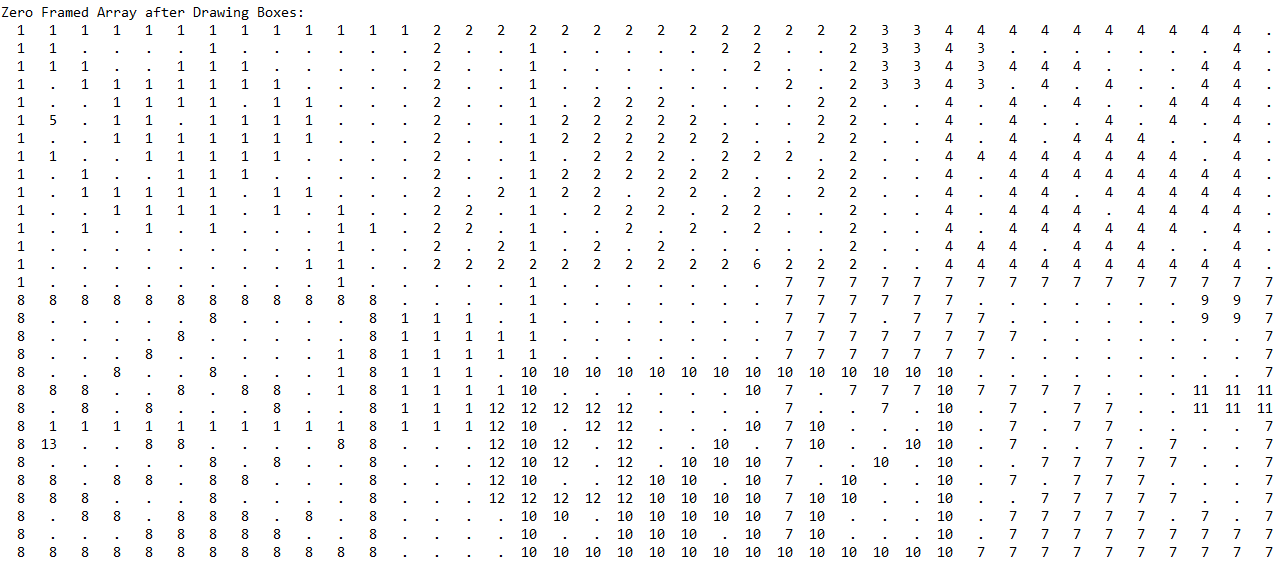
Zero framed after pass 2



Zero Framed Array after pass 3



Zero framed after drawing boxes



Data 3 8 connectness: labelFile



Data 3 8 connectness: propertyFile

