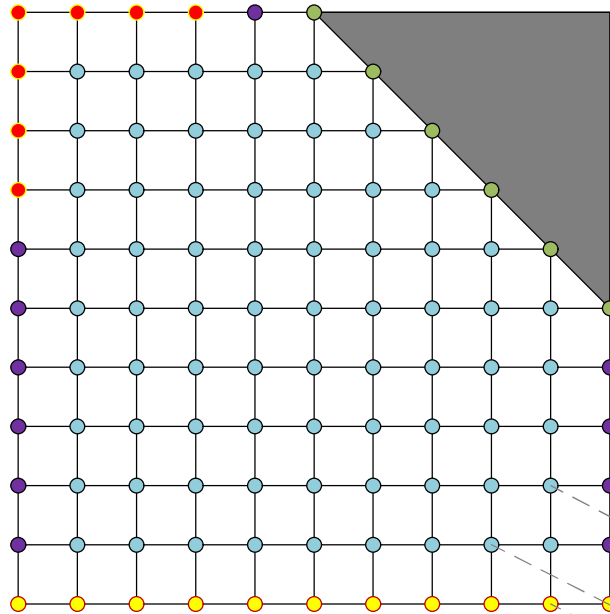
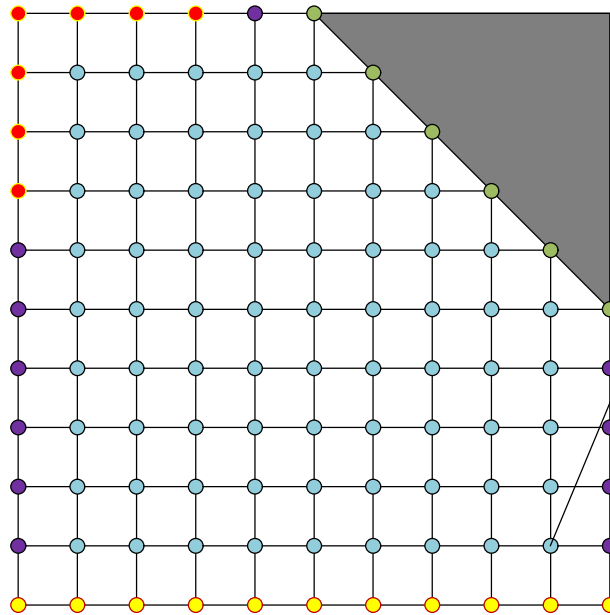


Initial Matrix, [ITERATION K=0]



Calculations of the k+1 iteration uses surrounding values of the previously executed matrix.

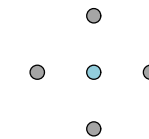
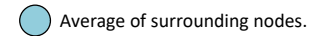
Initial Matrix, [ITERATION K+1]



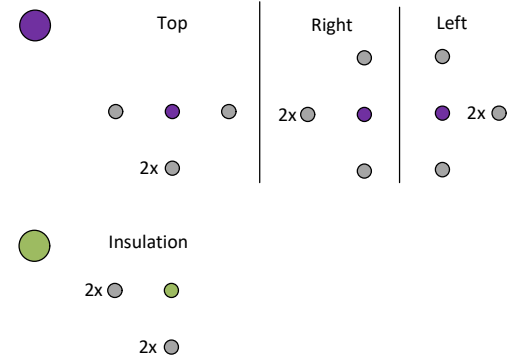
Heat Sources



Calculated Nodes



Special Case Calculated Nodes, average of the surrounding nodes and multiplication factor.



Calculations continue until all cells meet the requirement:
 $ABS(TEMP_{k+1}[i][j]-TEMP_k[i][j]) < 0.05$

This requirement does not initialize at the start of the code due to many cells in the center will remain at 0 for quite a few iterations, depending on matrix size.