ComS 311
Recitation 3, 2:00 Monday
Project 2

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Width Cut

Recurrence:
widthCut = cost **if** x == height
widthCut = min(widthCut(M, height, width, x+1, y - 1, cost+currentCost),
                widthCut(M, height, width, x+1, y   , cost+currentCost),
                widthCut(M, height, width, x+1, y+1, cost+currentCost))

Runtime of algorithm:
Loop through rows: O(n)
Nested loop through columns: O(m)
Runtime = O(n*m)

Stitch Cut

Recurrence:
widthCut = cost **if** x == height
widthCut = min(widthCut(M, height, width, x   , y+1, cost+currentCost),
                widthCut(M, height, width, x+1, y   , cost+currentCost),
                widthCut(M, height, width, x+1, y+1, cost+currentCost))

Runtime of algorithm:
Loop through rows: O(n)
Nested loop through columns: O(m)
Runtime = O(n*m)