## A2, Problem 3 simplification

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It seems Problem 3 will be difficult for quite a few students. Here is a simpler version of it.
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```
int find_path(int n, int m, int A[], int i, int j, int k, int l, int path[][2])
  Assume n > 0, m > 0
  Assume that (i,j) and (k,l) are within A. That is
  i>=0 && i<n &&
  k \ge 0 \&\& k \le 0 \&\&
  j>=0 \&\& j<m \&\&
  l>=0 && l<m
  To make it a bit easier, you can use extra array(s).
  (10 points) If there is no path between (i,j) and (k,l), return 0
       If there is a path return > 0. The return value does not have to be the length of a
path. If (i,j) and (k,l) are the same, i==k && j==1, and both contain 0, return 1
  Bonus (5 points)
       If there is a path between (i,j) and (k,l) return its length and the path in
path[][2].
       If (i,j) and (k,l) are the same, i==k \&\& j==l and both are 0, return length 1 and
       path[0][0] = i, path[0][1] = j
*/
```