Note:

Bonus point if you are able to do this using only O(n) extra space, where n is the total number of rows in the triangle.

标签: Array Dynamic Programming

分析

设状态为$f(i, j)$，表示从从位置(i,j)出发，路径的最小和，则状态转移方程为

$$f(i, j) = \min \{f(i, j+1), f(i+1, j+1)\} + (i, j)$$