

$\text{board} [x_0 [y_0, y_1, y_2 \dots y_{\max}],$
 $x_1 [y_0, y_1, y_2 \dots y_{\max}],$
 \dots
 $x_{\max} [y_0, y_1, y_2 \dots y_{\max}]]$

Given $(1, 2)$
 $n \quad m$

$\text{min } x = \text{board}[x_0][y_m]$

$\text{min } y = \text{board}[x_n][y_0]$

$\text{max } x = \text{board}[x_{\max}][y_m]$

$\text{max } y = \text{board}[x_n][y_{\max}]$