

Leet Code

Day-38 Q-03 Minimum Path Sum

Given a $m \times n$ grid filled with non-negative numbers, find a path from top left to bottom right which *minimizes* the sum of all numbers along its path.

Note: You can only move either down or right at any point in time.

Example:

Input :

```
[  
  [1,3,1],  
  [1,5,1],  
  [4,2,1]  
]
```

Output: 7

Explanation: Because the path $1 \rightarrow 3 \rightarrow 1 \rightarrow 1 \rightarrow 1$ minimizes the sum.