Minimum Cost Path

Rules:

1. Plagiarism is forbidden.
2. Write your program with C++.

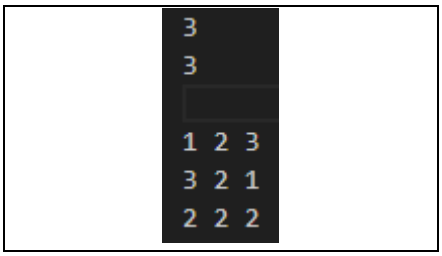
Problem Definition:

- ✓ I will provide the rows and the cols of the maze, and the whole (rows x cols) maze cost as well. And you need to start from the upper left corner and travel through the maze and end at the lower right corner. And return the minimum cost.
- ✓ You can only go right or go down in each step.
- ✓ You need to use "Dynamic Programming Concept" in your code.

I/O Format:

Example 1:

Input:



The first number indicates the rows of the rectangular maze.

The second number indicates the cols of the rectangular maze.

And the rest is the costs (raster scan order, from left to right then from up to down).

Output:

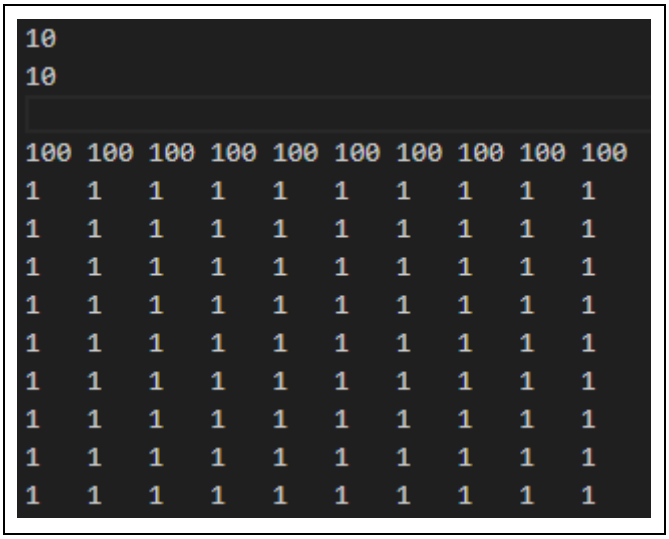
```
8
```

Explanation:

- ✧ The minimum cost path is from (0,0) → (0,1) → (1,1) → (1,2) → (2,2), and total cost is (1 + 2 + 2 + 1 + 2) = 8.

Example 2:

Input:



Output:

```
118
```

Explanation:

- ✧ The minimum cost path is from (0,0) → (1,0) → (2,0) → (3,0) → (4,0) → (5,0) → (6,0) → (7,0) → (8,0) → (9,0) → (9,1) → (9,2) → (9,3) → (9,4) → (9,5) → (9,6) → (9,7) → (9,8) → (9,9) , and total cost is (100 + 1 + 1 + 1 + 1 +1 +1+1+1+1+1+1+1+1+1+1+1+1+1) = 118.

Constraints:

- ✓ $1 \leq$ rows, cols ≤ 500