TESTING LOG

In this testing log of the MATLAB code which used to find the maximum carrots/number and path of the N x M matrix. We do test:

Here are there Results:

Case 1:

Input:

```
Enter the length of row of the grid : 1
Enter the length of column of the grid : 2
Enter the number of carrots in cell 1x1 : 5
Enter the number of carrots in cell 1x2 :
```

Output:

```
The grid is :
     5     6

The best path is: Grid (1,1), Grid (1,2)
The maximum number of carrots collecte is: 11
>>
```

Case 2:

Input:

```
Enter the length of row of the grid : 2
Enter the length of column of the grid : 1
Enter the number of carrots in cell 1x1 : 7
Enter the number of carrots in cell 2x1 :
```

Output:

```
The grid is :
     8
     7

The best path is: Grid (1,1), Grid (2,1)
The maximum number of carrots collecte is: 15
>>
```

Case 3:

Input:

```
Enter the length of row of the grid : 4
Enter the length of column of the grid : 4
Enter the number of carrots in cell 1x1 : 5
Enter the number of carrots in cell 1x2 : 6
Enter the number of carrots in cell 1x3 : 7
Enter the number of carrots in cell 1x4 : 5
Enter the number of carrots in cell 2x1 : 6
Enter the number of carrots in cell 2x2 : 7
Enter the number of carrots in cell 2x3 : 8
Enter the number of carrots in cell 2x4 : 7
Enter the number of carrots in cell 3x1 : 6
Enter the number of carrots in cell 3x2 : 5
Enter the number of carrots in cell 3x3 : 4
Enter the number of carrots in cell 3x4 : 5
Enter the number of carrots in cell 4x1 : 6
Enter the number of carrots in cell 4x2 : 7
Enter the number of carrots in cell 4x3 : 7
Enter the number of carrots in cell 4x4 :
```

Output:

```
The grid is :
     6     7     7     8
     6     5     4     5
     6     7     8     7
     5     6     7     5

The best path is: Grid (1,1), Grid (1,2), Grid (1,3), Grid (2,3), Grid (2,4), Grid (3,4), Grid (4,4)
The maximum number of carrots collecte is: 46
```