
USER GUIDE

Description:

This MATLAB code is made to find the maximum collecting carrots/number from the $N \times M$ grids matrix and also its path. You input any value of N and any value of M and this code will automatically tell you the maximum carrots/number collecting path and also tell the maximum carrots/numbers to be collected.

Steps to Use the Code:

Here are some steps to give input to the code.

Step 1: Run the code.

Step 2: In the command window firstly ask the length of the row.

Step 3: Then ask the length of the column of the grid.

Step 4: Then ask the entities of the grid one by one.

For Example:

Command Window

```
Enter the length of row of the grid : 2
Enter the length of column of the grid : 2
Enter the number of carrots in cell 1x1 : 6
Enter the number of carrots in cell 1x2 : 7
Enter the number of carrots in cell 2x1 : 8
fx Enter the number of carrots in cell 2x2 : |
```

Here are the output we get:

1. Path of maximum value
2. Get the maximum value

For example:

```
The grid is :
```

```
8      9
```

```
6      7
```

```
The best path is: Grid (1,1), Grid (2,1), Grid (2,2)
```

```
The maximum number of carrots collecte is: 23
```