Maximum path sum in matrix 🛚

Medium Accuracy: 50.83% Submissions: 11396 Points: 4

Given a NxN matrix of positive integers. There are only three possible moves from a cell Matrix[r][c].

```
1. Matrix [r+1] [c]
2. Matrix [r+1] [c-1]
3. Matrix [r+1] [c+1]
```

Starting from any column in row 0 return the largest sum of any of the paths up to row N-1.

Example 1:

Example 2:

Your Task:

You do not need to read input or print anything. Your task is to complete the function **maximumPath()** which takes the size N and the Matrix as input parameters and returns the highest maximum path sum.

Expected Time Complexity: O(N*N)
Expected Auxiliary Space: O(N*N)

Constraints:

 $1 \le N \le 100$

 $1 \le Matrix[i][j] \le 1000$

