## Print all possible paths from top left to bottom right of a mXn matrix

The problem is to print all the possible paths from top left to bottom right of a mXn matrix with the constraints that *from each cell you can either move only to right or down*.

## **Examples:**

```
def printPaths (matrix):
   ans = []
   n = len(matrix)
   m = len(matrix[0])
   visited = [[False] * m for i in range(n)]
   printPathsUtil(matrix, ans, 0, 0, n, m, visited, '')
    return ans
def printPathsUtil(matrix, ans, i, j, n, m, visited, ssf):
    if i == n or j == m:
       return
    if i == n - 1 and j == m - 1:
       ans.append(ssf)
       return
    if visited[i][j] is False:
        visited[i][j] = True
        printPathsUtil(matrix, ans, i, j + 1, n, m, visited, ssf +
str(matrix[i][j]))
        printPathsUtil(matrix, ans, i + 1, j, n, m, visited, ssf +
str(matrix[i][j]))
       visited[i][j] = False
```

['1236', '1256', '1258', '1456', '1458', '1478']

Just add last element to the elements and you have your answer