1289. Minimum Falling Path Sum II

Given an n x n integer matrix grid, return the minimum sum of a falling path with non-zero shifts.

A falling path with non-zero shifts is a choice of exactly one element from each row of <code>grid</code> such that no two elements chosen in adjacent rows are in the same column.

Example 1:

1	2	3
4	5	6
7	8	9

```
Input: arr = [[1,2,3],[4,5,6],[7,8,9]]
Output: 13
Explanation:
The possible falling paths are:
[1,5,9], [1,5,7], [1,6,7], [1,6,8],
[2,4,8], [2,4,9], [2,6,7], [2,6,8],
[3,4,8], [3,4,9], [3,5,7], [3,5,9]
The falling path with the smallest sum is [1,5,7], so the answer is 13.
```

Example 2:

```
min1,min2 = self.minInRow(dp[i-1])
for j in range(n):
    if i==0:
        dp[i][j]=matrix[i][j]
    else:
        if dp[i-1][j]== min1:
            dp[i][j] = min2+matrix[i][j]
        else:
            dp[i][j] = min1+matrix[i][j]
    return min(dp[n-1])
# print(dp)

def minInRow(self,row):
    row = sorted(row)
    return row[0],row[1]
```