240. Search a 2D Matrix II

题目描述：

和lintcode上的一样，左到右一次增大，上到下依次增大。找target

```
[
[1,   4,  7, 11, 15],
[2,   5,  8, 12, 19],
[3,   6,  9, 16, 22],
[10, 13, 14, 17, 24],
[18, 21, 23, 26, 30]
]
```

解题思路：

从右上角开始搜!

代码：

```cpp
class Solution {
public:
    bool searchMatrix(vector<vector<int>>& matrix, int target) {
        if(matrix.size() == 0)
            return false;
        int m = matrix.size(), n = matrix[0].size();
        int i = 0, j = n - 1;
        while(i != m && j >= 0){
            if(matrix[i][j]  >  target){
                j--;
            }
            else if(matrix[i][j] < target){
                i++;
            }
            else{
                return true;
            }
        }
        return false;
    }
};
```