Unique Paths

```cpp
class Solution {
public:
    int uniquePaths(int m, int n) {
        vector<int> awn(m*n,1);

        for (int i = m-2;i>=0;i--){
          for (int j = n-2;j>=0;j--){
            awn[i*n +j] = awn[(i+1)*n +j] + awn[i*n +j+1];
          }
        }
        return awn[0];
    }
};
```