class Solution {

public:

vector<int> getRow(int rowIndex) {

vector<int> ans(rowIndex + 1, 0);

ans[0] = 1;

for(int i = 1;i <= rowIndex; ++i){

for(int j = i;j >= 1; --j){

ans[j] += ans[j - 1];

}

}

return ans;

}

};