```
int ar[1001][1001];
int kadane(int* arr, int* start, int* finish, int n)
    int sum = 0, maxSum = INT_MIN, i;
    *finish = -1;
    int local_start = 0;
    for (i=0; i < n; i++)</pre>
    {
        sum += arr[i];
        if (sum < 0)
        {
             sum = 0;
             local_start = i+1;
        else if (sum > maxSum)
            maxSum = sum;
             *start = local_start;
             *finish = i;
    }
    if (*finish !=-1)
        return maxSum;
    maxSum = arr[0];
    *start = *finish = 0;
    for (i = 1; i < n; i++)</pre>
        if (arr[i] > maxSum)
            maxSum = arr[i];
             *start = *finish = i;
        }
    return maxSum;
}
pair<int, int> findMaxSum(int ROW, int COL)
{
    int maxSum = INT_MIN+1, finalLeft, finalRight, finalTop, finalBottom;
    int left, right, i;
    int temp[ROW], sum, start, finish;
    for (left = 0; left < COL; ++left)</pre>
    {
        memset(temp, 0, sizeof(temp));
        for (right = left; right < COL; ++right)</pre>
```