**// C++ code for Max**

**// Water Container**

**#include <iostream>**

**using namespace std;**

**int maxArea(int A[], int len)**

**{**

**int area = 0;**

**for (int i = 0; i < len; i++) {**

**for (int j = i + 1; j < len; j++) {**

**// Calculating the max area**

**area = max(area, min(A[j], A[i]) \* (j - i));**

**}**

**}**

**return area;**

**}**

**// Driver code**

**int main()**

**{**

**int a[] = { 1, 5, 4, 3 };**

**int b[] = { 3, 1, 2, 4, 5 };**

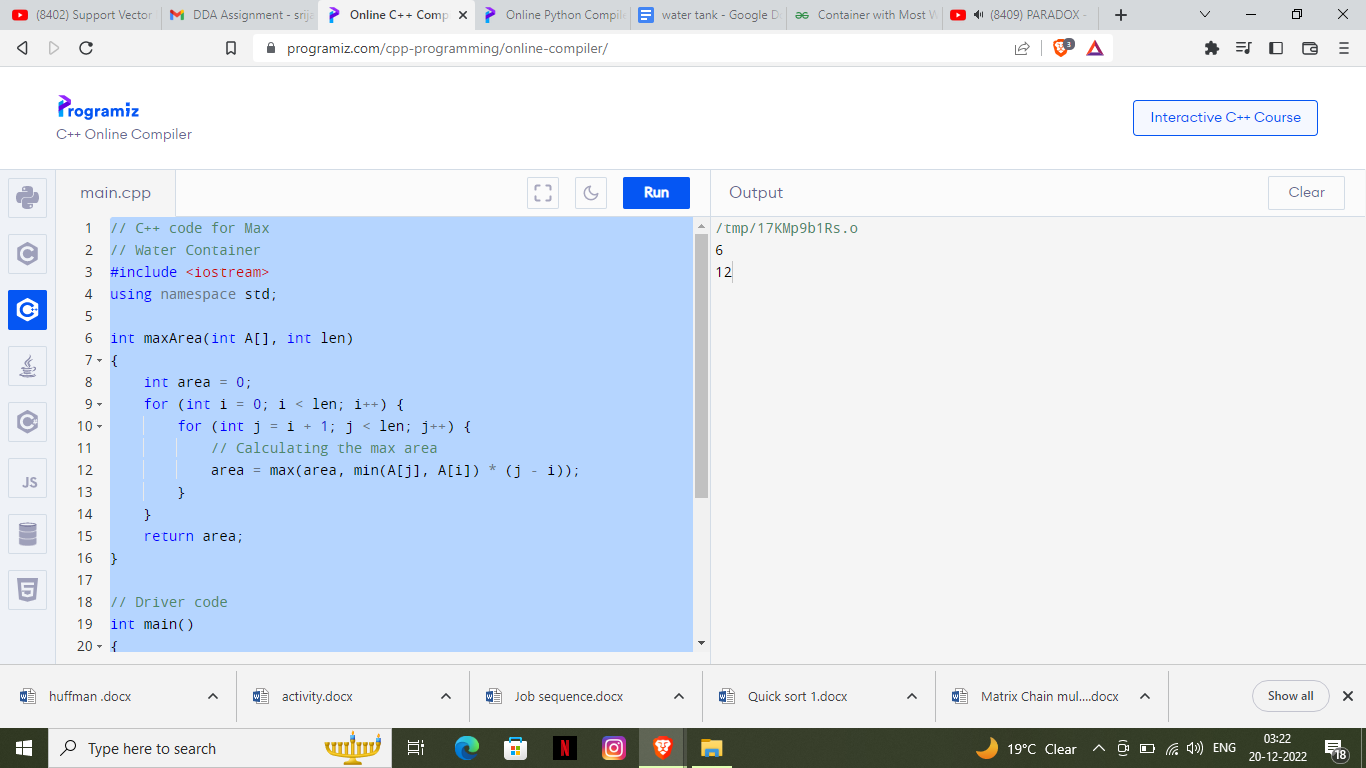
**int len1 = sizeof(a) / sizeof(a[0]);**

**cout << maxArea(a, len1);**

**int len2 = sizeof(b) / sizeof(b[0]);**

**cout << endl << maxArea(b, len2);**

**}**

****