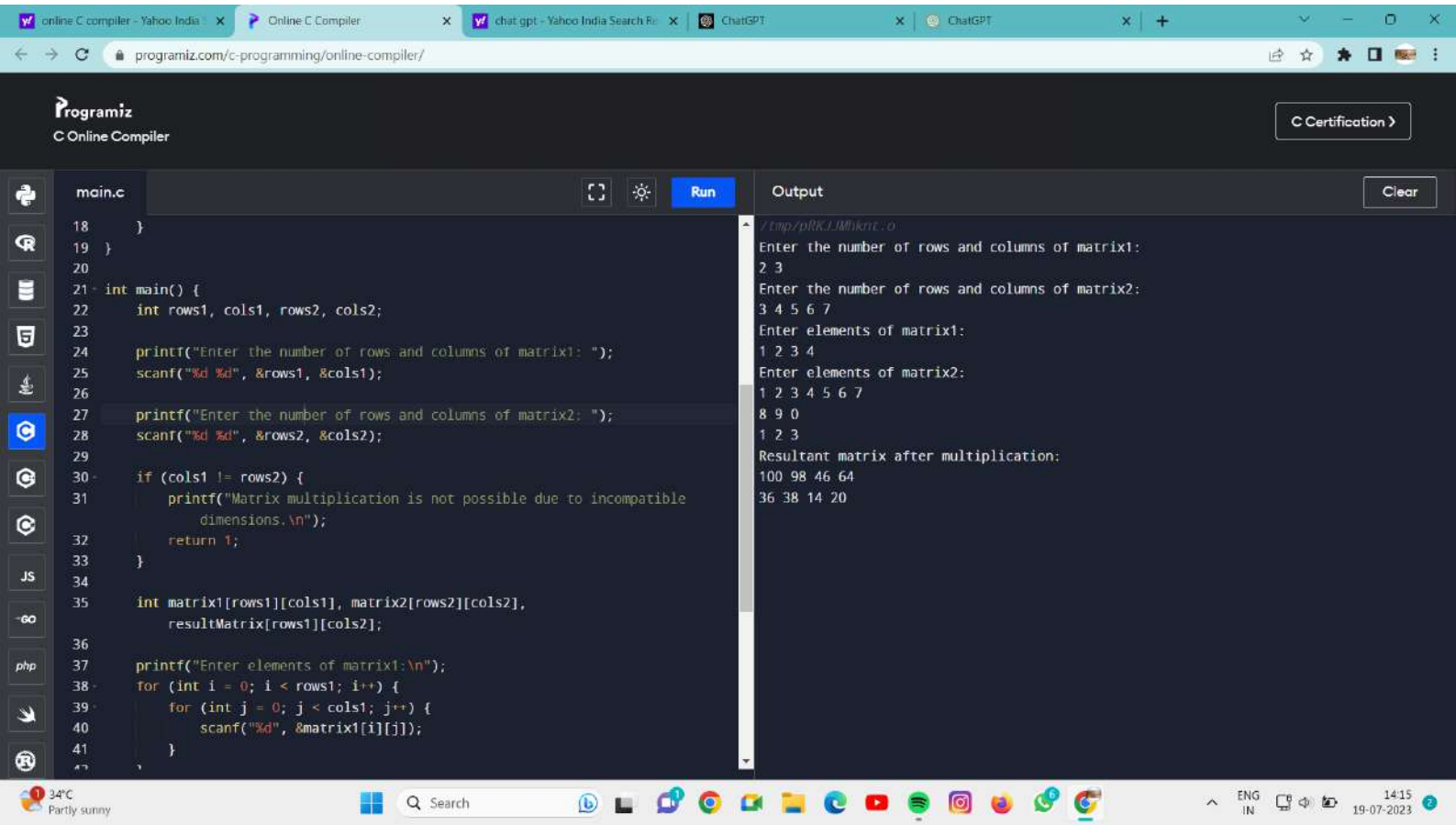
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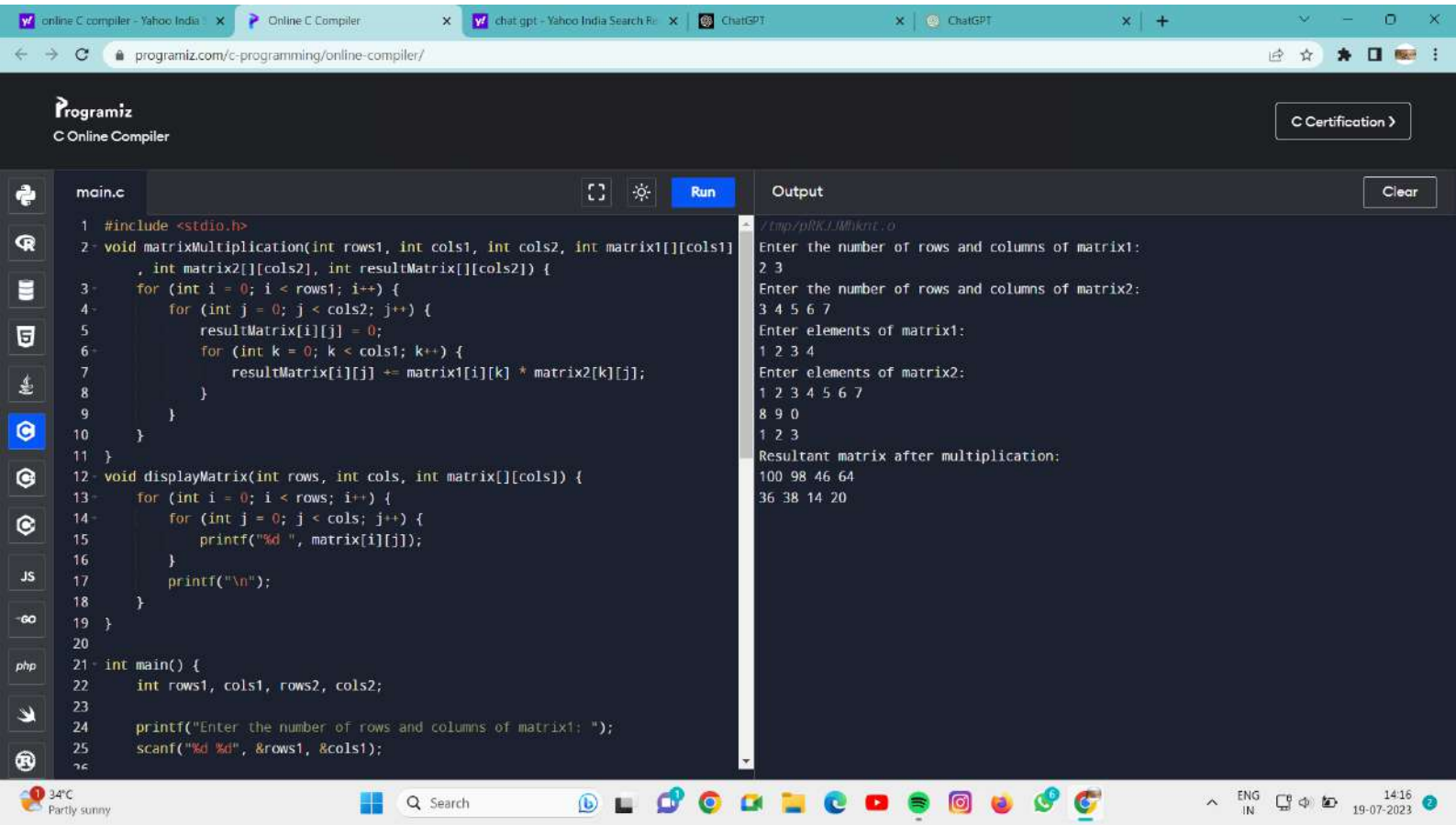
main.c
Run
Output
Clear
}
}
int main() {
int rows1, cols1, rows2, cols2;
printf("Enter the number of rows and columns of matrix1: ");
scanf("%d %d", &rows1, &cols1);
printf("Enter the number of rows and columns of matrix2: ");
scanf("%d %d", &rows2, &cols2);
if (cols1 != rows2) {
printf("Matrix multiplication is not possible due to incompatible dimensions.\n");
return 1;
}
int matrix1[rows1][cols1], matrix2[rows2][cols2], resultMatrix[rows1][cols2];
printf("Enter elements of matrix1:\n");
for (int i = 0; i < rows1; i++) {
for (int j = 0; j < cols1; j++) {
scanf("%d", &matrix1[i][j]);
}
/tmp/pRKLiMkrtC.o
Enter the number of rows and columns of matrix1:
2 3
Enter the number of rows and columns of matrix2:
3 4 5 6 7
Enter elements of matrix1:
1 2 3 4
Enter elements of matrix2:
1 2 3 4 5 6 7
8 9 0
1 2 3
Resultant matrix after multiplication:
100 98 46 64
36 38 14 20
34°C
Partly sunny
Search
ENG
IN
14:15
19-07-2023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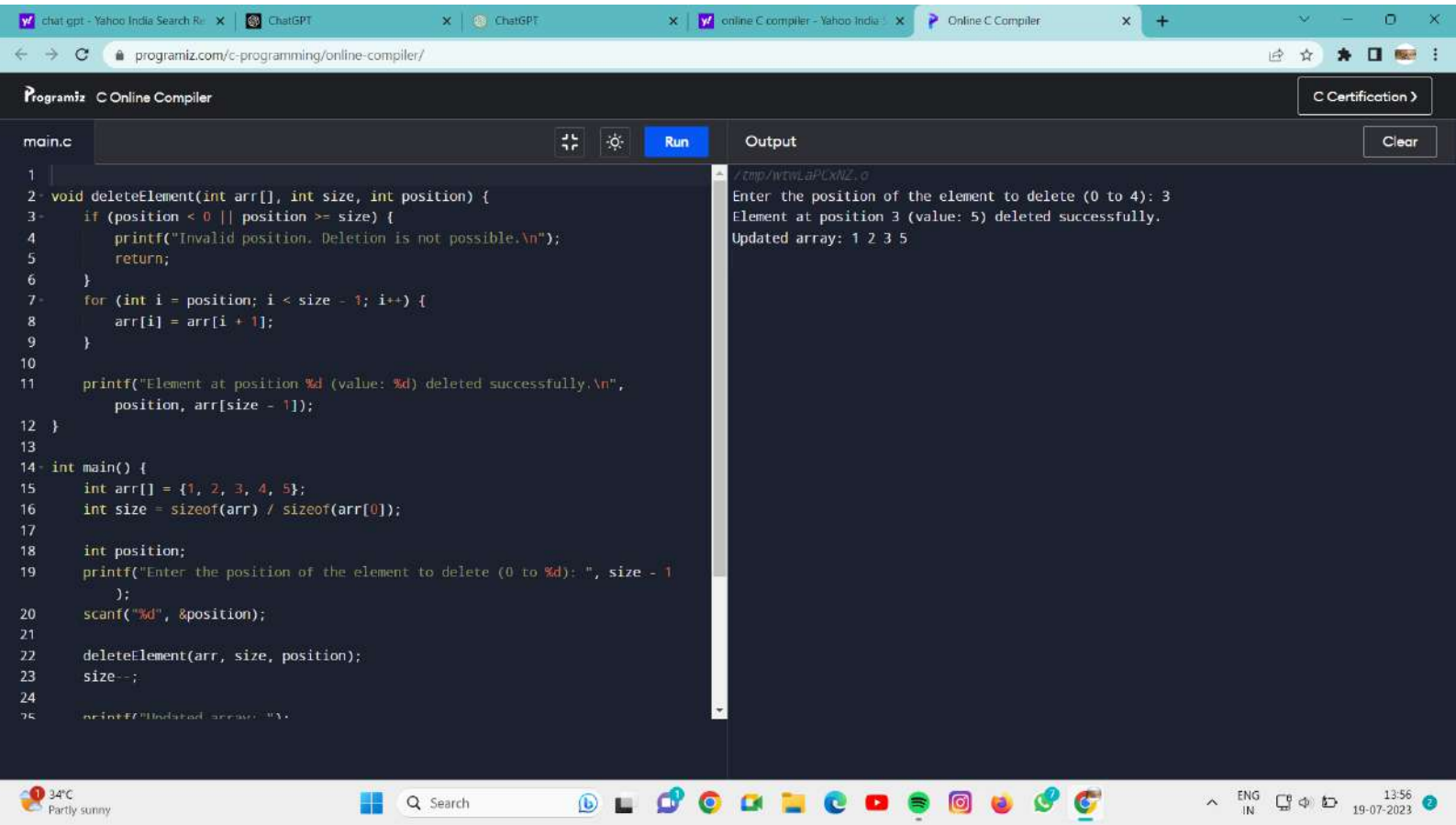
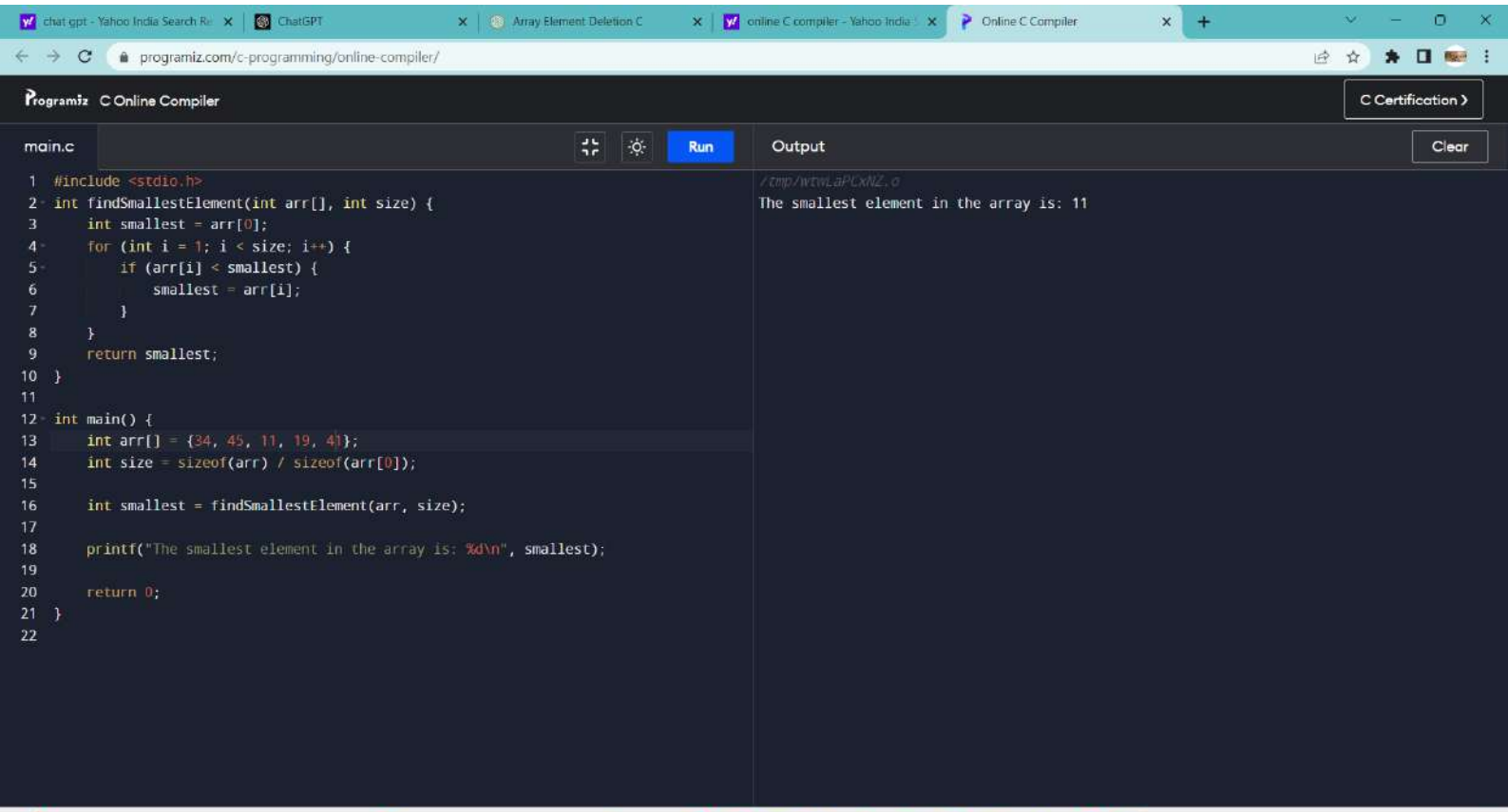
main.c
Run
Output
Clear
#include <stdio.h>
void matrixMultiplication(int rows1, int cols1, int cols2, int matrix1[][cols1]
, int matrix2[][cols2], int resultMatrix[][cols2]) {
for (int i = 0; i < rows1; i++) {
for (int j = 0; j < cols2; j++) {
resultMatrix[i][j] = 0;
for (int k = 0; k < cols1; k++) {
resultMatrix[i][j] += matrix1[i][k] * matrix2[k][j];
}
}
}
}
void displayMatrix(int rows, int cols, int matrix[][cols]) {
for (int i = 0; i < rows; i++) {
for (int j = 0; j < cols; j++) {
printf("%d ", matrix[i][j]);
}
printf("\n");
}
}
int main() {
int rows1, cols1, rows2, cols2;
printf("Enter the number of rows and columns of matrix1: ");
scanf("%d %d", &rows1, &cols1);
/tmp/pRKJJMikrt.o
Enter the number of rows and columns of matrix1:
2 3
Enter the number of rows and columns of matrix2:
3 4 5 6 7
Enter elements of matrix1:
1 2 3 4
Enter elements of matrix2:
1 2 3 4 5 6 7
8 9 0
1 2 3
Resultant matrix after multiplication:
100 98 46 64
36 38 14 20
34°C
Partly sunny
Search
ENG
IN
14:16
19-07-2023




```c
void deleteElement(int arr[], int size, int position) {
    if (position < 0 || position >= size) {
        printf("Invalid position. Deletion is not possible.\n");
        return;
    }
    for (int i = position; i < size - 1; i++) {
        arr[i] = arr[i + 1];
    }

    printf("Element at position %d (value: %d) deleted successfully.\n",
        position, arr[size - 1]);
}

int main() {
    int arr[] = {1, 2, 3, 4, 5};
    int size = sizeof(arr) / sizeof(arr[0]);

    int position;
    printf("Enter the position of the element to delete (0 to %d): ", size - 1
        );
    scanf("%d", &position);

    deleteElement(arr, size, position);
    size--;

    printf("Updated array: ");
```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Array Element Deletion C
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main.c
Run
Output
Clear
#include <stdio.h>
int findSmallestElement(int arr[], int size) {
int smallest = arr[0];
for (int i = 1; i < size; i++) {
if (arr[i] < smallest) {
smallest = arr[i];
}
}
return smallest;
}
int main() {
int arr[] = {34, 45, 11, 19, 4};
int size = sizeof(arr) / sizeof(arr[0]);
int smallest = findSmallestElement(arr, size);
printf("The smallest element in the array is: %d\n", smallest);
return 0;
}
/tmp/wtwLaPCxNZ.o
The smallest element in the array is: 11
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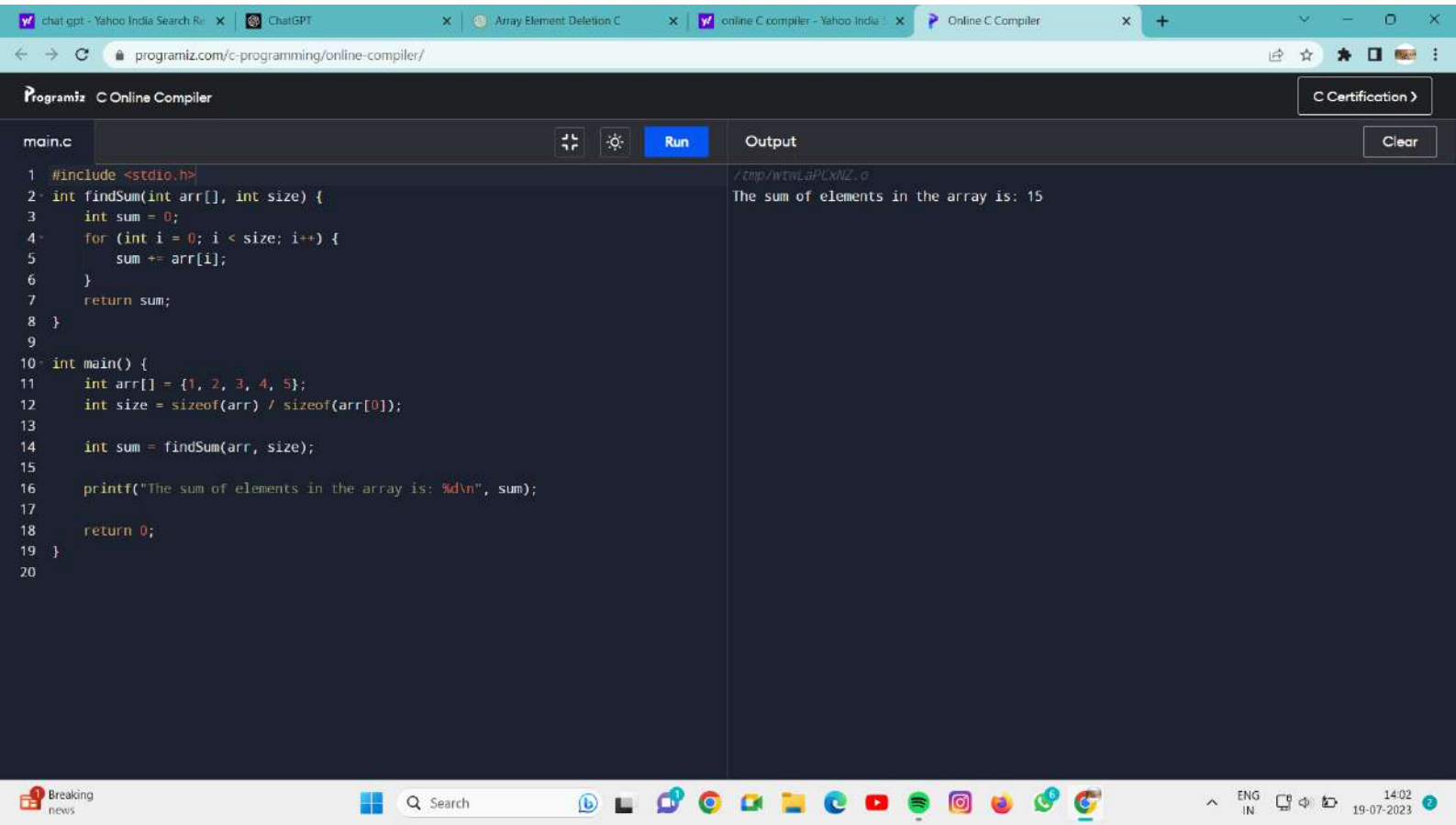
14:00
19-07-2023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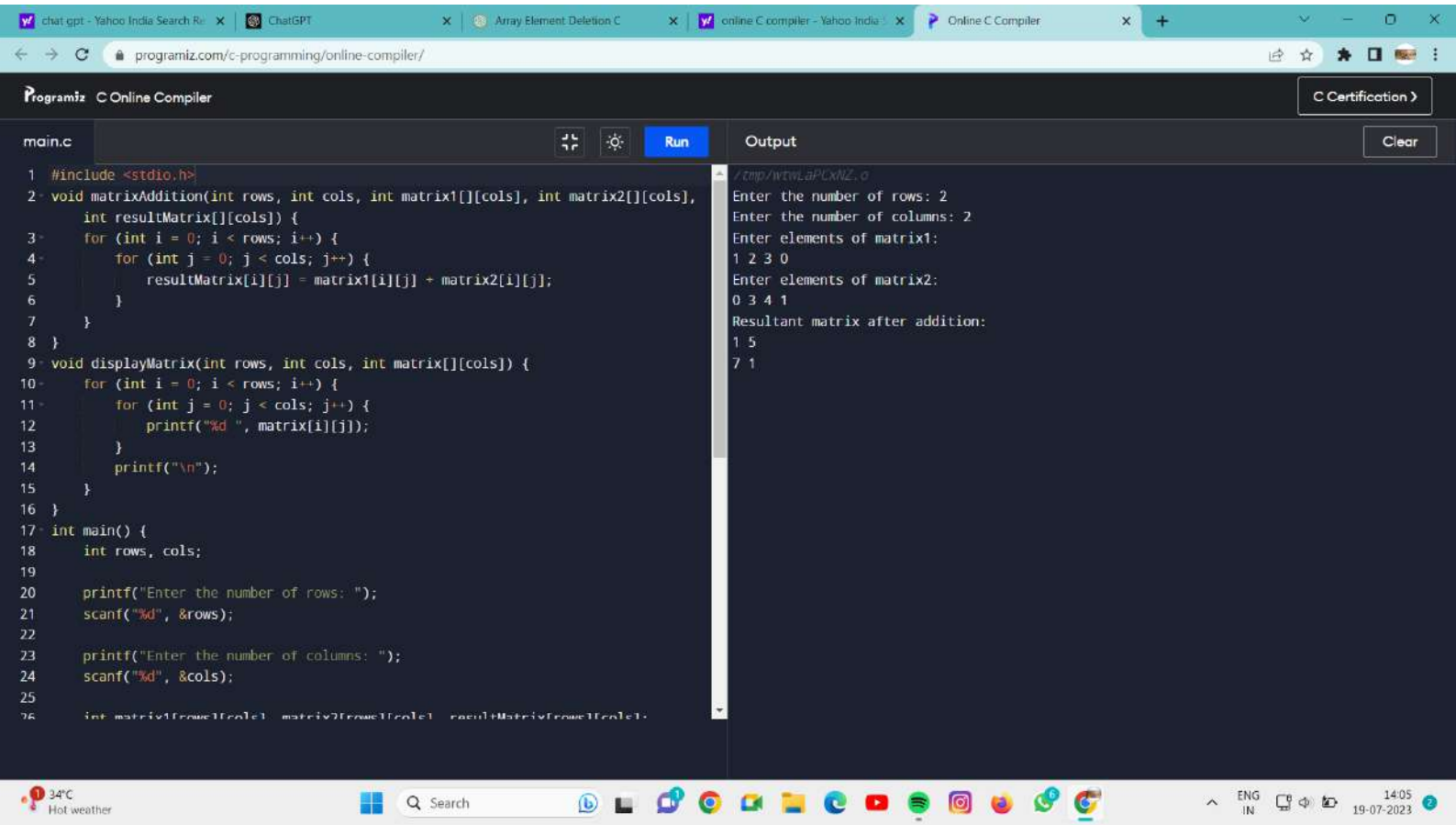
main.c
Run
Output
Clear
#include <stdio.h>
int findSum(int arr[], int size) {
int sum = 0;
for (int i = 0; i < size; i++) {
sum += arr[i];
}
return sum;
}
int main() {
int arr[] = {1, 2, 3, 4, 5};
int size = sizeof(arr) / sizeof(arr[0]);
int sum = findSum(arr, size);
printf("The sum of elements in the array is: %d\n", sum);
return 0;
}
/tmp/wtwLaPCxNZ.o
The sum of elements in the array is: 15
Breaking news
Search
ENG IN
14:02
19-07-2023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main.c
Run
Output
Clear
#include <stdio.h>
void matrixAddition(int rows, int cols, int matrix1[][cols], int matrix2[][cols],
int resultMatrix[][cols]) {
for (int i = 0; i < rows; i++) {
for (int j = 0; j < cols; j++) {
resultMatrix[i][j] = matrix1[i][j] + matrix2[i][j];
}
}
}
void displayMatrix(int rows, int cols, int matrix[][cols]) {
for (int i = 0; i < rows; i++) {
for (int j = 0; j < cols; j++) {
printf("%d ", matrix[i][j]);
}
printf("\n");
}
}
int main() {
int rows, cols;
printf("Enter the number of rows: ");
scanf("%d", &rows);
printf("Enter the number of columns: ");
scanf("%d", &cols);
/tmp/wtwLaPCxNZ.o
Enter the number of rows: 2
Enter the number of columns: 2
Enter elements of matrix1:
1 2 3 0
Enter elements of matrix2:
0 3 4 1
Resultant matrix after addition:
1 5
7 1
34°C
Hot weather
Search
ENG
IN
14:05
19-07-2023