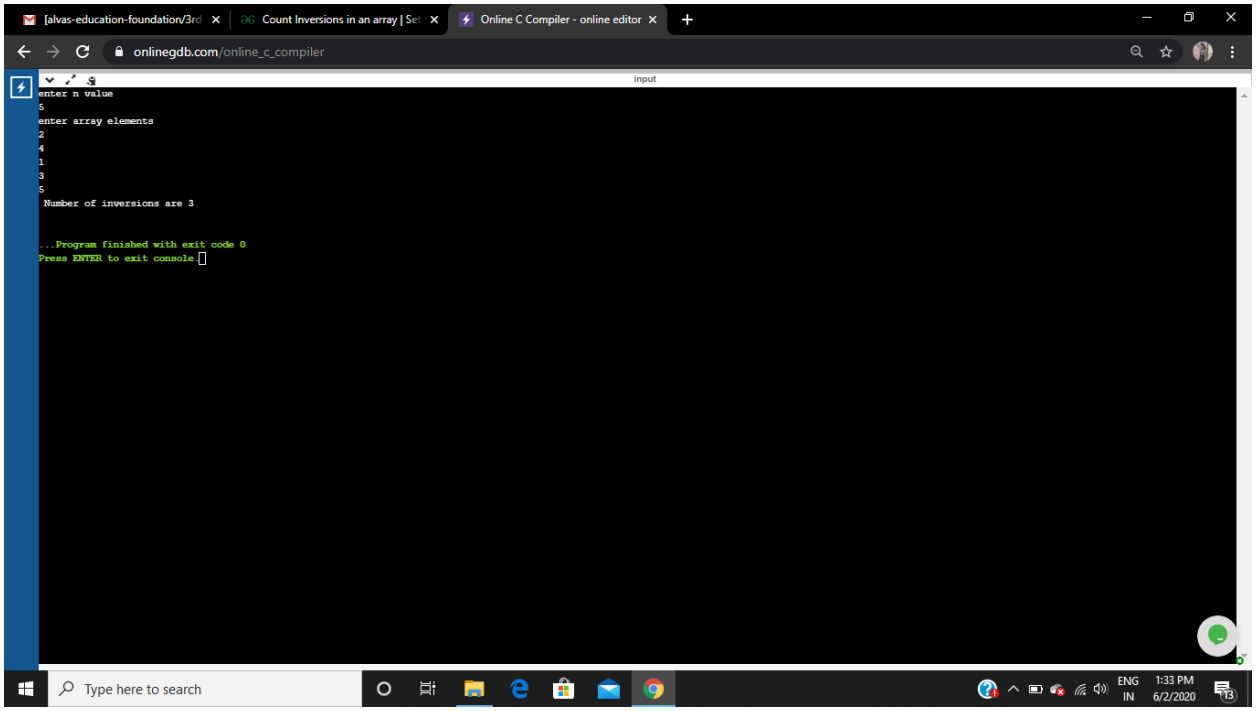
Write a C Program to find inversion count of array.

```
#include <stdio.h>

int getInvCount(int arr[], int n)

{

	int inv_count = 0;

	for (int i = 0; i < n - 1; i++)

		for (int j = i + 1; j < n; j++)

			if (arr[i] > arr[j])

				inv_count++;


	return inv_count;

}


int main()

{

	int arr[100];

	int n,t;

	printf("enter n value\n");

	scanf("%d",&n);

	printf("enter array elements\n");

	for(int i=0;i<n;i++)

	scanf("%d",&arr[i]);

	printf(" Number of inversions are %d \n", getInvCount(arr, n));

	return 0;

}
```


[alvas-education-foundation/3rd
Count Inversions in an array | Set
Online C Compiler - online editor
onlinegdb.com/online_c_compiler
input
enter n value
5
enter array elements
2
4
1
3
5
Number of inversions are 3
...Program finished with exit code 0
Press ENTER to exit console.
Type here to search
ENG
IN
1:33 PM
6/2/2020