**C Program to find inversion count of array.**

#include <stdio.h>

int main()

{

int n,arr[100],x;

printf("Enter The Number Of Elements In The Array\n");

scanf("%d",&n);

printf("Enter The Elements In The Array\n");

for(x=0;x<n;x++)

{

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

}

int Count = 0,i,j;

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

{

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

{

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

Count++;

}

}

printf("The Inversion Count Of The Array Is %d", Count);

return 0;

}

**Output:**

