7]

#include<stdio.h>

int main(){

int arr[]={4,2,5,8,1};

int n=5,count=0;

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

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

if(arr[i]>arr[j]) count++;

printf("Number of inversions: %d\n",count);

return 0;

}

