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//C program to interchange largest and smallest number in given array
#include<stdio.h>
void main()
{
    int i,n,a[5],max,min,maxpos,minpos,temp;
    printf("\n Enter the number of elements: ");
    scanf("%d",&n);
    printf("Enter the elements:\n");
    for(i=0;i<n;i++)
        scanf("%d",&a[i]);
    max=a[0];
    min=a[0];
    maxpos=0;
    minpos=0;
    for(i=1;i<n;i++)
    {
        if(a[i]>max)
        {
            max=a[i];
            maxpos=i;
        }
        if(a[i]<min)
        {
            min=a[i];
            minpos=i;
        }
    }
    temp=a[maxpos];
    a[maxpos]=a[minpos];
    a[minpos]=temp;
    printf("After interchanging array elements are: ");
    for(i=0;i<n;i++)
        printf("%d\t",a[i]);
}
```