Programe to ineterchange the largest and smallest numbers in given array.

```c
C c1.c > ⊗ main()
 1    #include<stdio.h>
 2    #include<conio.h>
 3    int main()
 4    {
 5        int a[5],max,min,maxpos,minpos,i,temp;
 6        printf("Enter 5 integers: ");
 7        for(i=0;i<5;i++)
 8            scanf("%d",&a[i]);
 9        max=a[0];
10        min=a[0];
11        maxpos=0;
12        minpos=0;
13        for(i=1;i<5;i++)
14        {
15            if(a[i]>max)
16            {
17                max=a[i];
18                maxpos=i;
19            }
20            if(a[i]<min)
21            {
22                min=a[i];
23                minpos=i;
24            }
25        }
26        temp=a[maxpos];
27        a[maxpos]=a[minpos];
28        a[minpos]=temp;
29        printf("After interchange array elemnts are: ");
30        for(i=0;i<5;i++)
31            printf("%d ",a[i]);
32        return 0;
33    }
```

```
Windows PowerShell
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Try the new cross-platform PowerShell https://aka.ms/pscore6

PS C:\Users\utkar_c0hqe7g\OneDrive\Desktop\C (tutorials) Course> gcc c1.c
PS C:\Users\utkar_c0hqe7g\OneDrive\Desktop\C (tutorials) Course> .\a.exe
Enter 5 integers: 7
9
6
3
4
After interchange array elemnts are: 7 3 6 9 4
PS C:\Users\utkar_c0hqe7g\OneDrive\Desktop\C (tutorials) Course> []
```