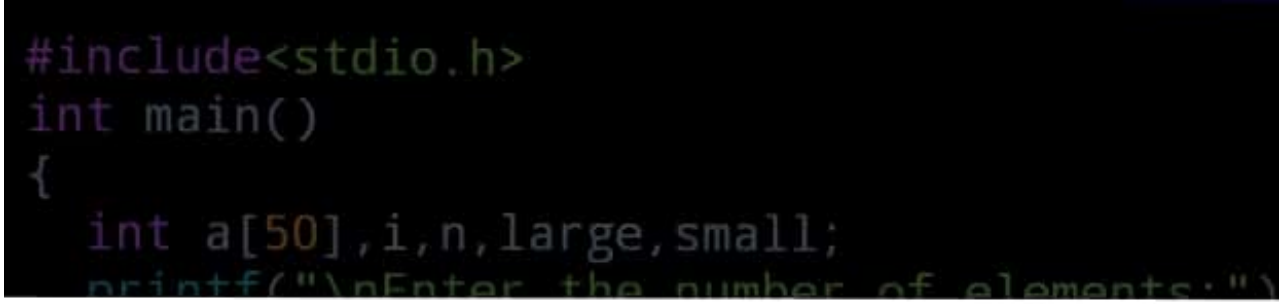
```c
#include<stdio.h>
int main()
{
  int a[50],i,n,large,small;
  printf("\nEnter the number of elements:");
  scanf("%d",&n);
  printf("\nInput the array element:");
  for(i=0;i<n;++i)
      scanf("%d",&a[i]);
  large=small=a[0];
  for(i=1;i<n;++i)
  {
    if(a[i]>large)
       large=a[i];
    if(a[i]<small)
       small, a[i];
  }
  printf("\nThe smallest element is
%d\n",small );
  printf("\nThe largest element is
%d\n",large);
  return 0;
}
```



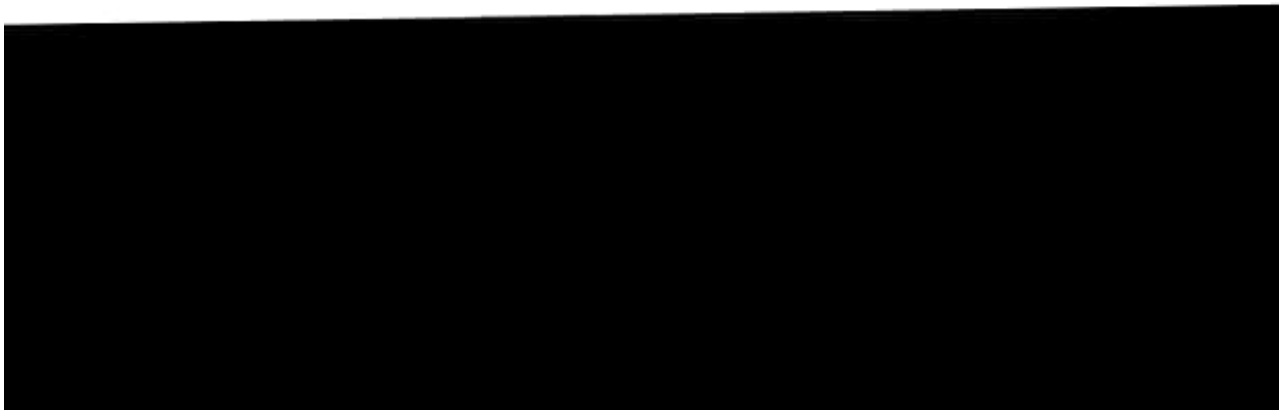
INPUT

If your program needs any run time inputs, please add it here. Use new lines for more than one input.

5
1 2 3 4 5

Show Always Save Input

CANCEL RUN



```
Enter the number of elements:
Input the array element:
The smallest element is 1

The largest element is 5
```

Name :- Pooja Rajesh Talekar
Section :- 'G'
USN :- 4AL19CS062

Write a 'C' program to find Smallest and biggest element in an Array'

Algorithum:-

Step 1 :→ Start

Step 2 :→ Input the array elements

Step 3 :→ Repeat from i = 2 ton

Step 4 :→ if (arr[i] > large)'

Step 5 :→ large = arr[i]

Step 6 :→ if (arr[i] < small)

Step 7 :→ small = arr[i]

Step 8 :→ point small and large

Step 9 :→ Stop.

Flowchart:—