BIGEST AND LOWEST VALUE IN ARRAY

ALGORITHM:

STEP 1: Start the program

STEP 2: Print how many elements and using scanf %d.

STEP 3: Print enter an array and using for loop and scanf %d and i.

STEP 4: And if condition use and print the largest element is %d.

STEP 5: Print the smallest element in %d.

STEP 6: Finally return 0.

COMMANDS:

printf("How many elements:");

scanf("%d",&n);\\ using the scanf %d in a int.

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

scanf("%d",&a[i]);\\ using for loop to have the sacnf %d and a[i].

if(a[i]<small)

small=a[i];\\ and if condition is used .

PROGRAM:

#include<stdio.h>

int main()

{

int a[50],i,n,large,small;

printf("How many elements:");

scanf("%d",&n);

printf("Enter the Array:");

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("The largest element is %d",large);

printf("\nThe smallest element is %d",small);

return 0;

}

OUTPUT:

How many elements:5

Enter the Array:3 4 5 7 8

The largest element is 8

The smallest element is 3