#include <stdio.h>

int main ()

{

int n = 0, i = 0, largest1 = 0, largest2 = 0, temp = 0;

printf ("Enter the size of the array\n");

scanf ("%d", &n);

int array[n];

printf ("Enter the elements\n");

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

{scanf ("%d", &array[i]);

}

printf ("The array elements are : \n");

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

{

printf ("%d\t", array[i]);

}

printf ("\n");

largest1 = array[0];

largest2 = array[1];

if (largest1 < largest2)

{

temp = largest1;

largest1 = largest2;

largest2 = temp;

}

for (int i = 2; i < n; i++)

{

if (array[i] > largest1)

{

largest2 = largest1;

largest1 = array[i]; }

else if (array[i] > largest2 && array[i] != largest1)

{

largest2 = array[i];

}

}

printf ("The FIRST LARGEST = %d\n", largest1);

printf ("THE SECOND LARGEST = %d\n", largest2);

return 0;

}

OUTPUT:

Enter the size of the array:

5

Enter the elements:

2 3 4 5 6

The array elements are:

2. 3. 4. 5. 6

THE FIRST LARGEST IS:6

THE SECOND LARGEST IS:5