

Array

①

#

```

#include <stdio.h>

int main ()
{
    int n, i, first, second;
    printf ("Enter the size of array: ");
    scanf ("%d", &n);
    int arr[n];

    printf ("Enter %d elements: ", n);
    for (i = 0; i < n; i++)
        scanf ("%d", &arr[i]);

    first = second = arr[0];

    for (i = 1; i < n; i++)
    {
        if (arr[i] > first)
        {
            second = first;
            first = arr[i];
        }
        else if (arr[i] > second && arr[i] != first)
            second = arr[i];
    }

    printf ("second largest = %d\n", second);
    return 0;
}

```

