

```
#include <stdio.h>

int main() {
    int arr[1000], i, n;
    printf("Enter the size of array: ");
    scanf("%d", &n);
    printf("Enter the elements of array: ");
    for (i = 0; i < n; i++) {
        scanf("%d", &arr[i]);
    }

    int min = arr[0];
    for (i = 1; i < n; i++) {
        if (min >= arr[i])
            min = arr[i];
    }
    printf("The minimum value is: %d\n", min);

    int max = arr[0];
    for (i = 1; i < n; i++) {
        if (max < arr[i])
            max = arr[i];
    }
    printf("The maximum value is: %d\n", max);

    return 0;
}
```