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Output



```
1 #include <stdio.h>
2
3 int main() {
4     // Initialize an array
5     int arr[] = {23, 12, 45, 20, 90
6                  , 89, 95, 32, 65, 19};
7
8     int n = sizeof(arr) / sizeof
9         (arr[0]);
10
11
12     for (int i = 1; i < n; i++) {
13
14         if (arr[i] > max_element) {
15             max_element = arr[i];
16         }
17     }
18
19
20     printf("Array Elements: ");
21     for (int i = 0; i < n; )
22         printf("%d ", arr[i]);
```

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Output



```
8     int n = sizeof(arr) / sizeof
          (arr[0]);
9     int max_element = arr[0];
10
11
12    for (int i = 1; i < n; i++) {
13
14        if (arr[i] > max_element) {
15            max_element = arr[i];
16        }
17    }
18
19
20    printf("Array Elements: ");
21    for (int i = 0; i < n; i++) {
22        printf("%d ", arr[i]);
23    }
24    printf("\n");
25
26
27    printf("The maximum element in
          the array is: %d\n" max_element);
```

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Output



Array Elements: 23 12 45 20 90 89 95 32
65 19

The maximum element in the array is: 95

==== Code Execution Successful ===|

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Output



```
1  ##include <stdio.h>
2
3  int main() {
4
5      int arr[] = {10, 20, 30, 40,
6                  50};
7
8      int n = sizeof(arr) / sizeof
9          (arr[0]);
10
11     int sum = 0;
12
13     for (int i = 0; i < n; i++) {
14
15         sum += arr[i];
16     }
17
18     printf("The sum of array
19         elements is: %d\n", sum);
20
21 }
```

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Output



The sum of array elements is: 150

==== Code Execution Successful ====

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Output



```
1 #include <stdio.h>
2
3 void reverseArray(int arr[], int
4 size) {
5     int left = 0;
6     int right = size - 1;
7     int temp;
8
9     while (left < right) {
10         temp = arr[left];
11         arr[left] = arr[right];
12         arr[right] = temp;
13
14         left++;
15         right--;
16     }
17 }
18
19
20 int main() {
21     int arr[] = {1, 2, 3, 4, 5};
22     int size = sizeof(arr) / sizeof
23             (arr[0]);
24     printf("Original array: ");
```

Run

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Output



```
19
20 int main() {
21     int arr[] = {1, 2, 3, 4, 5};
22     int size = sizeof(arr) / sizeof
23         (arr[0]);
24
25     printf("Original array: ");
26     for (int i = 0; i < size; i++)
27     {
28         printf("%d ", arr[i]);
29     }
30
31     reverseArray(arr, size);
32
33     printf("Reversed array: ");
34     for (int i = 0; i < size; i++)
35     {
36         printf("%d ", arr[i]);
37     }
38
39     return 0;
40 }
```

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Output



Original array: 1 2 3 4 5

Reversed array: 5 4 3 2 1

==== Code Execution Successful ===|