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Output



```
1 #include <stdio.h>
2
3 int findMax(int arr[], int n) {
4     int max = arr[0];
5     for (int i = 1; i < n; i++) {
6         if (arr[i] > max) {
7             max = arr[i];
8         }
9     }
10    return max;
11 }
12
13 int main() {
14     int arr[] = {12, 34, 54, 2, 3};
15     int n = sizeof(arr) / sizeof(arr[0])
16         );
17     printf("Maximum value in the array
18         is: %d\n", findMax(arr, n));
19     return 0;
20 }
```

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Maximum value in the array is: 54

==== Code Execution Successful ====



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Output



```
4     int start = 0;
5     int end = n - 1;
6     while (start < end) {
7         int temp = arr[start];
8         arr[start] = arr[end];
9         arr[end] = temp;
10        start++;
11        end--;
12    }
13 }
14
15 void printArray(int arr[], int n) {
16     for (int i = 0; i < n; i++) {
17         printf("%d ", arr[i]);
18     }
19     printf("\n");
20 }
21
22 int main() {
23     int arr[] = {1, 2, 3, 4, 5};
24     int n = sizeof(arr) / sizeof(arr[0])
25         );
26     printf("Original array: ");
27     printArray(arr, n);
28     reverseArray(arr, n);
29     printf("Reversed array: ");
30     printArray(arr, n);
31 }
```

Run





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Original array: 1 2 3 4 5

Reversed array: 5 4 3 2 1

==== Code Execution Successful ===





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Output



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

Run



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Output



Sum of all elements in the array is: 15

==== Code Execution Successful ===

