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C Online Compiler

Programiz PRO

main.c

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     printf("Maximum value in the array
17           is: %d\n", findMax(arr, n));
18     return 0;
19 }
```

Run

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Output

Maximum value in the array is: 54

=== Code Execution Successful ===





main.c

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     return 0;
```

Run





main.c

Output



Original array: 1 2 3 4 5

Reversed array: 5 4 3 2 1

=== Code Execution Successful ===





main.c

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     printf("Sum of all elements in the
        array is: %d\n", calculateSum
        (arr, n));
15     return 0;
16 }
```

Run



main.c

Output



```
Sum of all elements in the array is: 15
```

```
=== Code Execution Successful ===
```

