

Find the Minimum and Maximum Element in an Array.

```
#include <stdio.h>

int main() {

    int i, n, max, min;

    printf("Enter the size of the array: ");

    scanf("%d", &n);

    int arr[n];

    printf("Enter %d elements of the array: ", n);

    for (i = 0; i < n; i++) {

        scanf("%d", &arr[i]);

    }

    if (n % 2 == 0) {

        if (arr[0] > arr[1]) {

            max = arr[0];

            min = arr[1];

        } else {

            max = arr[1];

            min = arr[0];

        }

        i = 2;

    } else {

        min = arr[0];

        max = arr[0];

        i = 1;

    }

    while (i < n - 1) {

        if (arr[i] > arr[i + 1]) {
```

```
        if (arr[i] > max) max = arr[i];  
        if (arr[i + 1] < min) min = arr[i + 1];  
    } else {  
        if (arr[i + 1] > max) max = arr[i + 1];  
        if (arr[i] < min) min = arr[i];  
    }  
    i = i + 2;  
}  
printf("Maximum element: %d\n", max);  
printf("Minimum element: %d\n", min);  
  
return 0;  
}
```