

//Find the Minimum and Maximum Element in an Array

```
#include <stdio.h>
```

```
int main() {
```

```
    int n;
```

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

```
    scanf("%d", &n);
```

```
    int arr[n];
```

```
    printf("Enter the elements of the array: ");
```

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

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

```
    }
```

```
    int max = arr[0];
```

```
    int min = arr[0];
```

```
    for (int i = 1; i < n; i++) {
```

```
        if (arr[i] > max) {
```

```
            max = arr[i];
```

```
        }
```

```
        if (arr[i] < min) {
```

```
            min = arr[i];
```

```
        }
```

```
    }
```

```
    printf("Minimum element is: %d\n", min);
```

```
    printf("Maximum element is: %d\n", max);
```

```
    return 0;
```

```
}
```