Sort an Array

```c
#include <stdio.h>
int main() {
    int n, i, j, temp;
    printf("Enter the number of elements in the array: ");
    scanf("%d", &n);
    int arr[n];
    printf("Enter %d elements:\n", n);
    for(i = 0; i < n; i++) {
        scanf("%d", &arr[i]);
    }
    for(i = 0; i < n - 1; i++) {
        for(j = 0; j < n - i - 1; j++) {
            // Compare adjacent elements
            if(arr[j] > arr[j + 1]) {
                // Swap if they are in the wrong order
                temp = arr[j];
                arr[j] = arr[j + 1];
                arr[j + 1] = temp;
            }
        }
    }
    printf(" Array sorted  in ascending order:\n");
    for(i = 0; i < n; i++) {
```

```c
        printf("%d ", arr[i]);
    }
    printf("\n");


    return 0;
}
```