

//Move All the Negative Elements to One Side of the Array

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

```
int main()
```

```
{ int n, i, j, temp;
```

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

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

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

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

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

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

```
    }
```

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

```
    {
```

```
        for (j = i + 1; j < n; j++)
```

```
        {
```

```
            if (arr[i] > arr[j])
```

```
            {
```

```
                temp = arr[i];
```

```
                arr[i] = arr[j];
```

```
                arr[j] = temp;
```

```
            }
```

```
        }
```

```
    }
```

```
    printf("Sorted array: ");
```

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

```
    {
```

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

```
    }
```

```
    return 0; }
```