

Exercise1

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

void sortingThis(int arr[], int n)
{
    for (int i = 0; i < n; i++)
    {
        for (int j = 0; j < n; j++)
        {
            if (arr[j] < arr[i])
            {
                int temp = arr[i];
                arr[i] = arr[j];
                arr[j] = temp;
            }
        }
    }
}

void printArr(int arr[], int var)
{
    for(int i = 0; i < var; i++)
    {
        printf("%d\n", arr[i]);
        printf("\n");
    }
}

int main(int argc, char* argv[])
{
    int arr[] = {56, 45, 11, 23, 47, 54, 2, 99};
    int arrLength = sizeof(arr)/sizeof(arr[0]);

    sortingThis(arr, arrLength);

    printf("The sorted array is: \n");

    printArr(arr, arrLength);

    return 0;
}
```

```
C:\Users\srvk\OneDrive\Desktop\UNB\Summer2020\CS2263\Labs\Lab7>gcc ex1.c
```

```
C:\Users\srvk\OneDrive\Desktop\UNB\Summer2020\CS2263\Labs\Lab7>
```

```
C:\Users\srvk\OneDrive\Desktop\UNB\Summer2020\CS2263\Labs\Lab7>a.exe
```

```
The sorted array is:
```

```
99
```

```
56
```

```
54
```

```
47
```

```
45
```

```
23
```

```
11
```

```
2
```

Exercise2