

SEM 3\Exp8\bubble_Sort.c

```
1  #include <stdio.h>
2
3  // Function to perform bubble sort
4  void bubbleSort(int arr[], int size)
5  {
6      for (int i = 0; i < size - 1; i++)
7      {
8          for (int j = 0; j < size - i - 1; j++)
9          {
10             if (arr[j] > arr[j + 1])
11             {
12                 // Swap arr[j] and arr[j + 1]
13                 int temp = arr[j];
14                 arr[j] = arr[j + 1];
15                 arr[j + 1] = temp;
16             }
17         }
18     }
19 }
20
```