

## SEM 3\Exp8\insertion\_Sort.c

```
1 // Function to perform insertion sort
2 void insertionSort(int arr[], int size)
3 {
4     for (int i = 1; i < size; i++)
5     {
6         int key = arr[i];
7         int j = i - 1;
8
9         // Move elements greater than key to one position ahead
10        while (j >= 0 && arr[j] > key)
11        {
12            arr[j + 1] = arr[j];
13            j--;
14        }
15        arr[j + 1] = key;
16    }
17 }
18
```