**Day 5 Assignment**

Q1. Write the function for insertion sort.

**void insertionSort(int arr[], int n)**

**{**

**int i, key, j;**

**for (i = 1; i < n; i++)**

**{**

**key = arr[i];**

**j = i - 1;**

**while (j >= 0 && arr[j] > key)**

**{**

**arr[j + 1] = arr[j];**

**j = j - 1;**

**}**

**arr[j + 1] = key;**

**}**

**}**