**Assignment DAY-5**

**Write the function for insertion sort.**

#include <stdio.h>

void printArray(int arr[], int size) {

for (int i = 0; i < size; i++) {

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

}

printf("\n");

}

void insertionSort(int arr[], int size) {

for (int step = 1; step < size; step++) {

int key = arr[step];

int j = step - 1

// For descending order:key<arr[j] to key>arr[j].

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

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

--j;

}

arr[j + 1] = key;

}

}