```c
#include <stdio.h>
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;
        printf("After %d iteration(s): ", i);
        for (int k = 0; k < n; k++) {
            printf("%d ", arr[k]);
        }
        printf("\n");
    }
}
int main() {
    int arr[] = {98,23,45,14,6,67,33,42};
    int n = sizeof(arr) / sizeof(arr[0]);
    printf("Original array: ");
    for (int i = 0; i < n; i++) {
        printf("%d ", arr[i]);
    }
    printf("\n");
    insertionSort(arr, n);
    printf("Array after 6th iteration: ");
    for (int i = 0; i < n; i++) {
        printf("%d ", arr[i]);
    }
```

```
    printf("\n");


    return 0;
}
```