```c
#include <stdio.h>

void insertionSort(int a[], int n) {
    for (int i = 1; i < n; i++) {
        int key = a[i], j = i - 1;
        while (j >= 0 && a[j] > key) {
            a[j + 1] = a[j];
            j--;
        }
        a[j + 1] = key;
    }
}

int main() {
    int a[] = {5, 2, 9, 1, 6};
    int n = sizeof(a) / sizeof(a[0]);

    insertionSort(a, n);

    printf("Sorted Array: ");
    for (int i = 0; i < n; i++)
        printf("%d ", a[i]);
    return 0;
}
```

```
Sorted Array: 1 2 5 6 9

=== Code Execution Successful ===
```