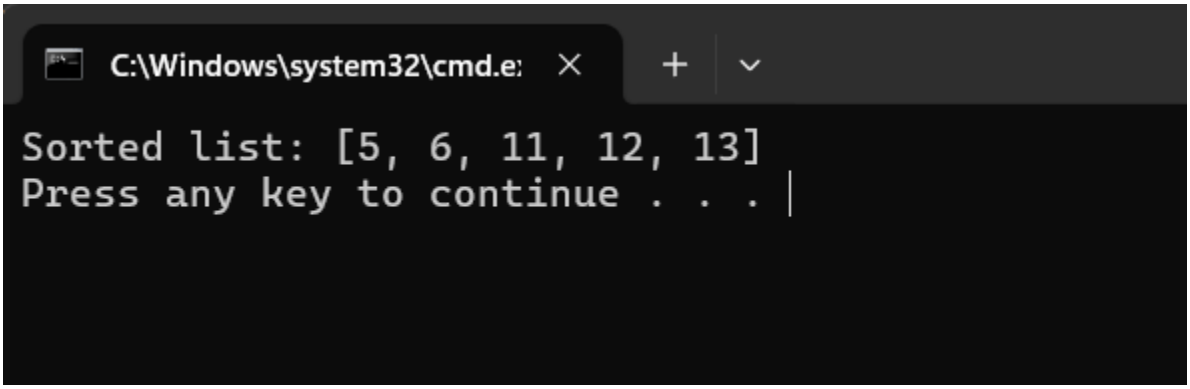
134) insertion sort

CODE:

```
def insertion_sort(arr):
    for i in range(1, len(arr)):
        key = arr[i]
        j = i - 1
        while j >= 0 and key < arr[j]:
            arr[j + 1] = arr[j]
            j -= 1
        arr[j + 1] = key
    return arr

# Example usage
my_list = [12, 11, 13, 5, 6]
sorted_list = insertion_sort(my_list)
print("Sorted list:", sorted_list)
```

OUTPUT:



TIME COMPLEXITY : O(n2)