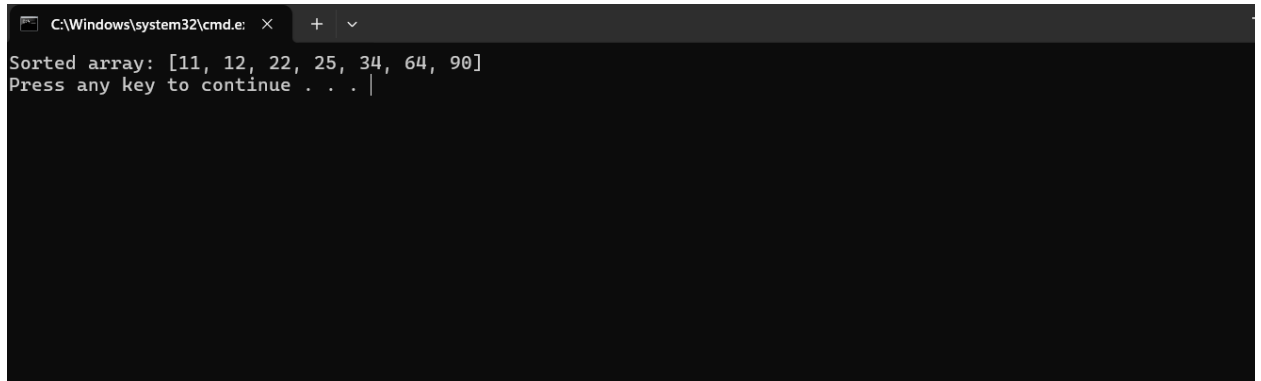


133) bubble sort

CODE:

```
def bubble_sort(arr):  
    n = len(arr)  
    for i in range(n-1):  
        for j in range(0, n-i-1):  
            if arr[j] > arr[j+1]:  
                arr[j], arr[j+1] = arr[j+1], arr[j]  
  
# Example usage  
arr = [64, 34, 25, 12, 22, 11, 90]  
bubble_sort(arr)  
print("Sorted array:", arr)
```

OUTPUT:



The screenshot shows a Windows command prompt window with the title bar 'C:\Windows\system32\cmd.exe'. The output of the program is displayed in the console: 'Sorted array: [11, 12, 22, 25, 34, 64, 90]' followed by 'Press any key to continue . . . |'.

TIME COMPLEXITY : $O(n^2)$