Problem Statement : Write down the code for Bubble Sort Algorithm in Python.

Objective : To Implement the Bubble Sort Algorithm Using Python

Source Code :

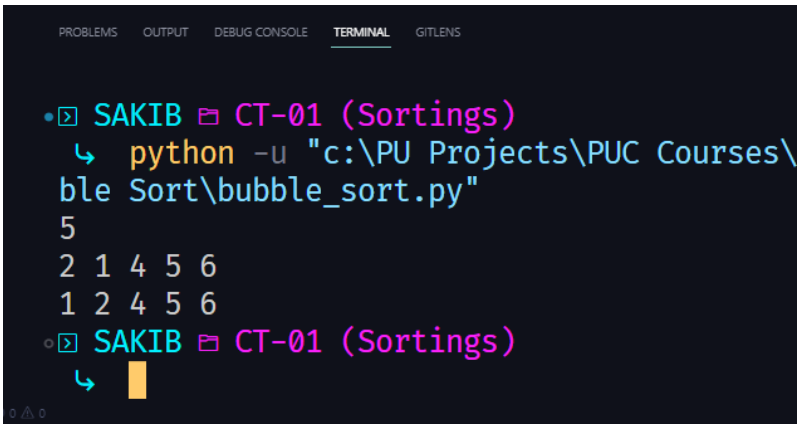
```python
n = int(input())
a = list(map(int, input().split()))

for i in range(n - 1):
    for j in range(i + 1, n):
        if a[i] > a[j]:
            a[i], a[j] = a[j], a[i]

for num in a:
    print(num, end=" ")

```

Input & Output :



Problem Statement : Write down the code for Selection Sort Algorithm in Python.

Objective : To Implement the Selection Sort Algorithm Using Python

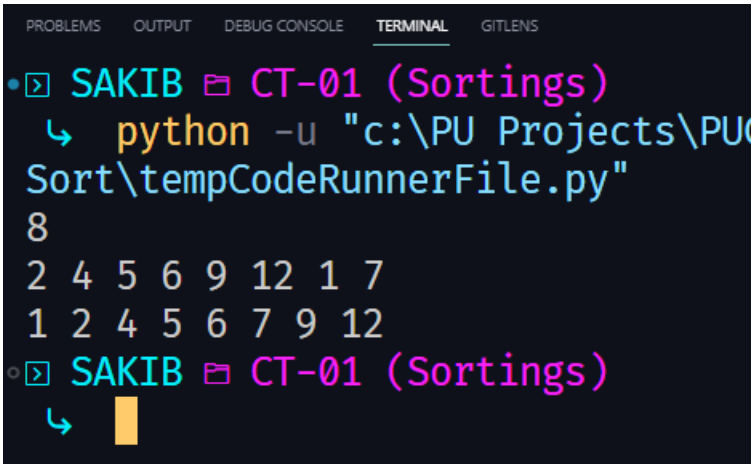
Source Code :

```python
n = int(input())
a = list(map(int, input().split()))

for i in range(n - 1):
    minIndex = i
    for j in range(i + 1, n):
        if a[j] < a[minIndex]:
            a[j], a[minIndex] = a[minIndex], a[j]

for num in a:
    print(num, end=" ")
```

Input & Output :



Problem Statement : Write down the code for Insertion Sort Algorithm in Python.

Objective : To Implement the Insertion Sort Algorithm Using Python

Source Code :

```python
n = int(input())
a = list(map(int, input().split()))

for i in range(1, n):
    key = a[i]
    j = i - 1
    while j >= 0 and a[j] > key:
        a[j + 1] = a[j]
        j -= 1
    a[j + 1] = key

for i in range(n):
    print(a[i], end=" ")
```

Input & Output :

```
PROBLEMS  OUTPUT  DEBUG CONSOLE  TERMINAL  GITLENS
SAKIB CT-01 (Sortings)
 ↳ python -u "c:\PU Projects\PUC Co
Sort\insertion_sort.py"
6
9 1 2 5 7 12
1 2 5 7 9 12
SAKIB CT-01 (Sortings)
```