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In [3]: def selectionSort(arr):
        n = len(arr)

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

            arr[min_idx], arr[i] = arr[i], arr[min_idx]

n = int(input("Enter the size of the input: "))
arr = []
print("Enter the elements of the array:")
for i in range(n):
    element = int(input("Enter the {} element: ".format(i+1)))
    arr.append(element)

print("Unsorted array:")
for num in arr:
    print(num, end=" ")

selectionSort(arr)

print("\nSorted array:")
for num in arr:
    print(num, end=" ")
```

```
Enter the size of the input: 5
Enter the elements of the array:
Enter the 1 element: 33
Enter the 2 element: 45
Enter the 3 element: 67
Enter the 4 element: 22
Enter the 5 element: 43
Unsorted array:
33 45 67 22 43
Sorted array:
22 33 43 45 67
```

In [ ]: