

Implementation of selection sort

```
def selection(a): # Function to implement selection sort
    for i in range(len(a)): # Traverse through all array elements
        small = i # minimum element in unsorted array
        for j in range(i+1, len(a)):
            if a[small] > a[j]:
                small = j
        # Swap the found minimum element with
        # the first element
        a[i], a[small] = a[small], a[i]

def printArr(a): # function to print the array

    for i in range(len(a)):
        print (a[i], end = " ")
a = [69, 14, 1, 50, 59]
print("Before sorting array elements are - ")
printArr(a)
selection(a)
print("\nAfter sorting array elements are - ")
selection(a)
printArr(a)
```

Output:

```
Before sorting array elements are -
69 14 1 50 59
After sorting array elements are -
1 14 50 59 69
```