

## SELECTION SORT

```
def selectionSort(array, size):  
  
    for step in range(size):  
  
        min_idx = step  
  
        for i in range(step + 1, size):  
  
            if array[i] < array[min_idx]:  
  
                min_idx = i  
  
        (array[step], array[min_idx]) = (array[min_idx], array[step])  
  
data = [-2, 45, 0, 11, -9]  
  
size = len(data)  
  
selectionSort(data, size)  
  
print('Sorted Array in Ascending Order:')  
  
print(data)
```

### Output

Sorted Array in Ascending Order:

[-9, -2, 0, 11, 45]