```python
In [1]:  # PYTHON_LAB-2_EXERCISE_2347228


'''Create a LIST with your domain attributes, insert the elements using the append (), insert(), extend()'''
store_deatails = [228,"smart Mobile Store","sg palaya","christ university","banglore"]
store_deatails.append("karnataka")
print(store_deatails)
store_deatails.insert(3,"smilan")
print(store_deatails)
store_deatails.extend(["Employee1","Employee2"])
print(store_deatails)


'''Adding the iterables tuple and dictionary'''
store_deatails = [("Mobile Store","Near christ"),(103,"shop id"),{1:"shop Name",2:"smilan"}]
print(store_deatails)


'''swaping the elements of list'''
store_deatails = [101,"Smart mobile store","SG Palaya","christ university","banglore","karnataka",560026,"Smilan","employee1","e
store_deatails[3], store_deatails[-2] = store_deatails[-2], store_deatails[3]
print("The swaped list is: ",store_deatails)


'''find the sum of the digits in a list'''
list1 = [11, 5, 17, 18, 23]
sum = 0
'''Iterate each element in list and add them'''
for ele in range(0, len(list1)):
    sum = sum + list1[ele]
print("Sum of all elements in given list: ", sum)


'''find the smallest element in a list'''
list1 = [11, 5, 17, 18, 23]
print("the minimum value is",min(list1))


#dictionary
'''creating the dictionary'''
store_deatails = {1:101,2:"Mobile Store",3:"SP Palaya",4:"Near Christ",5:"Karnataka",6:"banglore",7:560026}
print(store_deatails)


'''Sort the dictionaries in ascending order based on the Key of the dictionary'''
store_deatails = {1:101,4:"Mobile Store",2:"SP Palaya",6:"Near Christ",5:"Karnataka",7:"banglore",3:560026}
myKeys = list(store_deatails.keys())
myKeys.sort()
```

```
sorted_dict = {i: store_deatails[i] for i in myKeys}
print(sorted_dict)
```

[228, 'smart Mobile Store', 'sg palaya', 'christ university', 'banglore', 'karnataka']
[228, 'smart Mobile Store', 'sg palaya', 'smilan', 'christ university', 'banglore', 'karnataka']
[228, 'smart Mobile Store', 'sg palaya', 'smilan', 'christ university', 'banglore', 'karnataka', 'Employee1', 'Employee2']
[('Mobile Store', 'Near christ'), (103, 'shop id'), {1: 'shop Name', 2: 'smilan'}]
The swaped list is: [101, 'Smart mobile store', 'SG Palaya', 'employee1', 'banglore', 'karnataka', 560026, 'Smilan', 'christ un
iversity', 'employee2']
Sum of all elements in given list: 74
the minimum value is 5
{1: 101, 2: 'Mobile Store', 3: 'SP Palaya', 4: 'Near Christ', 5: 'Karnataka', 6: 'banglore', 7: 560026}
{1: 101, 2: 'SP Palaya', 3: 560026, 4: 'Mobile Store', 5: 'Karnataka', 6: 'Near Christ', 7: 'banglore'}

In [ ]:
```

```