

1. Write a python function that returns the index of the smallest element in a list of integers. If the number of such elements is greater than 1, return the smallest index.

Use the following function header:
def indexOfSmallestElement(lst):

Solution:

```
def indexOfSmallestElement(lst):
    min_list=min(lst)
    index=lst.index(min_list)
    return index
```

```
lst=[12,13,14,4,6,7,3,9,3]
indexOfSmallestElement(lst)
```

2. Write the python function mostCommonName, that takes a list of names (such as ["Jane", "Aaron", "Cindy", "Aaron"]), and returns the most common name in this list (in this case, "Aaron"). If there is more than one such name, return a set of the most common names. So mostCommonName(["Jane", "Aaron", "Jane", "Cindy", "Aaron"]) returns the set {"Aaron", "Jane"}. If the set is empty, return None. Also, treat names case sensitive, so "Jane" and "JANE" are different names.

Solution:

```
def mostCommonName(lst):
    seen = set()
    for i in lst:
        if lst.count(i)>1:
            seen.add(i)
    print(seen)
```

```
lst=['Arun','Suchi','Arun','Ram','Suchi','ram','Navatha']
mostCommonName(lst)
```

3. Write the python function isPalindromicList(a) that takes a list and returns True if it is the same forwards as backwards and False otherwise.

```
def isPalindromicList (s):  
    if (s==s[::-1]):  
        print('Given string is palindrome')  
    else:  
        print('Given string is not palindrome')
```

```
st="rajuar"  
palindrome(st)
```