

python assignment

In [1]:

```
# print the index of the smallest number in the list
def indexOfSmallestElement(lst):
    smallest_index = []
    for element in range (len(lst)):
        element = lst.index(min(lst))
        smallest_index = element
    return smallest_index

def test_get_index_of_smallest():
    list1 = [23, 3, 6, 5, 12, 9, 2, 4]
    print(indexOfSmallestElement(list1))
```

```
test_get_index_of_smallest()
```

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In [18]:

```
# Program to find most frequent
# element in a list

def mostCommanName(List):
    counter = 0
    num = List[0]

    for i in List:
        curr_frequency = List.count(i)
        if(curr_frequency> counter):
            counter = curr_frequency
            num = i

    return num

List = ["Jane", "Aron", "Sindy", "Aron"]
print(mostCommanName(List))
```

Aron

In [3]:

```
# function which return reverse of a string
```

```
def isPalindrome(s):
    return s == s[::-1]
```

```
# Driver code
```

```
s = input("Enter a string to check: ")  
ans = isPalindrome(s)
```

```
if ans:  
    print("Yes, its Palindrome")  
else:  
    print("No, its not Palindrome")
```

```
Enter a string to check: rohit  
No, its not Palindrome
```

```
In []:
```