In [17]:
```
list1 = [1, 2, -8, -2, 0]

def find_len(list1):
    length = len(list1)
    list1.sort()
    print("Largest element is:", list1[length-1])
    print("Smallest element is:", list1[0])
    print("Second Largest element is:", list1[length-2])
    print("Second Smallest element is:", list1[1])

Largest = find_len(list1)
```

```
Largest element is: 2
Smallest element is: -8
Second Largest element is: 1
Second Smallest element is: -2
```

In [9]:
```
def change_string(str1):
    return str1[-1:] + str1[1:-1] + str1[:1]

print(change_string('abcd'))
print(change_string('24689'))
```

```
dbca
94682
```

In [12]:
```
def find_longest_word(words_list):
    word_len = []
    for n in words_list:
        word_len.append((len(n),n))
    word_len.sort()
    return word_len[-1][0], word_len[-1][1]

result = find_longest_word(["Sample","Assignment","Classes"])
print("Longest Word: ", result[1], " with Length ", result[0])
```

```
Longest Word:  Assignment  with Length  10
```

In [13]:
```
str = "A SAMPLE PROGRAM FOR REMOVING INDEX"

n = int(input("enter a number for removing nth Index\n"))
print("String before removing characters", str)
str = str.replace(str[n],"",1)
print("Modiied string after removing", n , "th character ===>", str)
```

```
enter a number for removing nth Index
4
String before removing characters A SAMPLE PROGRAM FOR REMOVING INDEX
Modiied string after removing 4 th character ===> A SAPLE PROGRAM FOR REMOVING INDEX
```

In [14]:
```
d = {1:10, 2:20, 3:30 , 4:40 , 5:50 , 6:60}

def is_key_present(x):
    if x in d:
        print('Key', x , 'is present in the dictionary')
    else:
        print('Key', x , 'is not present in the dictionary')

is_key_present(5)
is_key_present(9)
```

```
Key 5 is present in the dictionary
Key 9 is not present in the dictionary
```

In [ ]:
```

```