In [20]:
```
#Operation on List
```

In [21]:
```
lst=['Google','Amazon','Netflix','Apple']
```

In [22]:
```
lst.insert(4,'Microsoft')
```

In [23]:
```
print(lst)
```

```
['Google', 'Amazon', 'Netflix', 'Apple', 'Microsoft']
```

In [24]:
```
lst.append('Paypal')
```

In [25]:
```
print(lst)
```

```
['Google', 'Amazon', 'Netflix', 'Apple', 'Microsoft', 'Paypal']
```

In [26]:
```
lst1=[]
lst1=lst.copy()
```

In [27]:
```
print(lst1)
```

```
['Google', 'Amazon', 'Netflix', 'Apple', 'Microsoft', 'Paypal']
```

In [28]:
```
lst.index('Apple')
```

Out[28]:
```
3
```

In [29]:
```
lst.pop()
```

Out[29]:
```
'Paypal'
```

In [30]:
```
lst.reverse()
```

In [31]:
```
print(lst)
```

```
['Microsoft', 'Apple', 'Netflix', 'Amazon', 'Google']
```

In [32]:
```
lst.sort()
```

In [33]:
```
print(lst)
```

```
['Amazon', 'Apple', 'Google', 'Microsoft', 'Netflix']
```

In [ ]:
```
#Operation on Dictionary
```

In [44]:
```
dit={'Name':'Marvel','Mobile No.':9876543210,'Email':'admin@marvel.com'}
```

In [45]:
```
dit.keys()
```

Out[45]:
```
dict_keys(['Name', 'Mobile No.', 'Email'])
```

In [46]:
```
dit.get('Name')
```

Out[46]:
```
'Marvel'
```

In [48]:
```
dit1={}
dit1=dit.copy()
```

In [49]:
```
print(dit1)
```

```
{'Name': 'Marvel', 'Mobile No.': 9876543210, 'Email': 'admin@marvel.com'}
```

In [53]:
```
dit.items()
```

Out[53]:
```
dict_items([('Name', 'Marvel'), ('Mobile No.', 9876543210), ('Email', 'admin@ma
rvel.com')])
```

In [55]:
```
dit.pop('Email')
```

Out[55]:
```
'admin@marvel.com'
```

In [56]:
```
print(dit)
```

```
{'Name': 'Marvel', 'Mobile No.': 9876543210}
```

In [57]:
```
#Operation on Sets
```

In [85]:
```
sets={20,30,40,40,50}
```

In [86]:
```
sets1={20,40,60,80}
sets1.difference(sets)
```

Out[86]:
```
{60, 80}
```

In [87]:
```
sets.union(sets1)
```

Out[87]:
```
{20, 30, 40, 50, 60, 80}
```

In [88]:
```
sets.intersection(sets1)
```

Out[88]:
```
{20, 40}
```

In [89]:
```
sets.pop()
```

Out[89]:
```
40
```

In [90]:
```
sets.remove(20)
```

```
In [91]: sets
Out[91]: {30, 50}

In [92]: #Operation on Tuple

In [93]: tupl=('Python','C++','Java')

In [103]: tupl.count('Python')
Out[103]: 1

In [104]: tupl.index('Java')
Out[104]: 2

In [105]: tupl[0]
Out[105]: 'Python'

In [106]: #Operation on String

In [107]: string='GeeksforGeeks'

In [109]: string.count('e')
Out[109]: 4

In [111]: string.index('f')
Out[111]: 5

In [112]: string.upper()
Out[112]: 'GEEKSFORGEEKS'

In [113]: string.lower()
Out[113]: 'geeksforgeeks'

In [116]: string.capitalize()
Out[116]: 'Geeksforgeeks'

In [121]: string.endswith('s')
Out[121]: True

In [122]: string.endswith('k')
Out[122]: False
```

In [ ]: