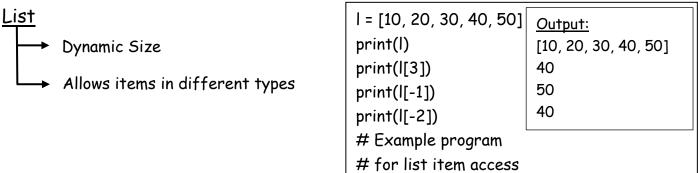
List (Dynamic Sized Array) Introduction



```
I = [10, 20, 30, 40, 50]
1.append(30)
                         Output:
print(I)
                         [10,20,30,40,50,30]
                         [10,15,20,30,40,50,30]
i.insert(1, 15)
                         True
print(I)
                         2
print(15 in l)
                         3
print(l.count(30))
                         6
print(l.index(30))
print(l.index(30, 4, 7))
# Example program
# for list item insert and search
```

```
I = [10, 20, 30, 40, 50, 60, 70, 80]
I.remove(20)
print(l)
                                     Output:
                                     [10, 30, 40, 50, 60, 70, 80]
print(l.pop())
print(I)
                                     [10, 30, 40, 50, 60, 70]
print(l.pop(2))
                                     40
print(I)
                                     [10, 30, 50, 60, 70]
del |[1]
                                    [10, 50, 60, 70]
print(I)
                                     [60, 70]
del[0:2]
print(I)
# Example program
# for list item remove
```

I = [10, 40, 20, 50] print(max(l)) Output: print(min(l)) 50 print(sum(l)) 10 I.reverse() 120 print(l) [50, 20, 40, 10] l.sort() [10, 20, 40, 50] print(l) # Example program # some general purpose function