

```
'''
```

```
#largest even number and largest odd number in list
```

```
l1=[21,76,85,34,23]
```

```
l2=[]
```

```
l3=[]
```

```
for ele in l1:
```

```
    if(ele%2==0):
```

```
        l2.append(ele)
```

```
    if(ele%2!=0):
```

```
        l3.append(ele)
```

```
print(max(l2))
```

```
print(max(l3))
```

```
output:
```

```
76
```

```
85
```

```
'''
```

```
'''
```

```
#program to print length of words in reverse order
```

```
li=['vamsi','jagadeesh','nagendra','bhanu','revanth','isak']
```

```
li.sort(reverse=True,key=len)
```

```
print(li[0])
```

```
print("-",len(li[0]))
```

```
output:
```

```
jagadeesh
```

```
'''
```

```
'''
```

```
#swap
```

```
list=[1,2,3,4,56,7]
```

```
list[0],list[-1]=list[-1],list[0]
```

```
print(list)
```

```
output:
```

```
[7, 2, 3, 4, 56, 1]
```

```
'''
```

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```

```
#sorting the list based on length
```

```
li=['vamsi','jagadeesh','nagendra','bhanu','revanth','isak']
```

```
li.sort(reverse=True,key=len)
```

```
print(li)
```

```
output:
```

```
['jagadeesh', 'nagendra', 'revanth', 'vamsi', 'bhanu', 'isak']
```

```
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```
#find the element that occurs odd number of times in a list
```

```
list1=[1,2,2,1,3,4,3,5]
```

```
for i in list1:
```

```
    d=list1.count(i)
```

```
    if(d%2!=0):
```

```
        print(i)
```

```
output:
```

```
4
```

```
5
```

```
'''
```

```
'''
```

```
#to print files with .exe
```

```
list=['abc.exe','def.exe','xyz.xls','a.java','b.py']
```

```
sub='.exe'
```

```
for i in list:
```

```
    if sub in i:
```

```
        print(i)
```

```
output:
```

```
abc.exe
```

```
def.exe
```

```
'''
```

```
'''
```

```
#program to print files without extension
```

```
list=['abc.txt','def.txt','xyz.xls','a.java','b.py']
```

```
for i in list:
```

```
    i=i.split(".")
```

```
    print(i[0],end=" ")
```

```
output:abc def xyz a b
```

```
'''
```

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```

```
#sort the list of tuple in increasing order by last element in each tuple
```

```
i=[(3,2),(4,1),(1,3)]
```

```
print(sorted(i,reverse=True))
```

```
output:
```

```
[(4, 1), (3, 2), (1, 3)]
```

```
'''
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```

```
#number of vowels in given list of strings
```

```
lis=['apple','banana','mango','guava']
```

```
count=0
```

```
for i in lis:
```

```
    for j in i:
```

```
        if(j=='a' or j=='e' or j=='i' or j=='o' or j=='u'):
```

```
            count=count+1
```

```
print("vowels count :",count)
```

```
output:
```

```
vowels count : 10
```

```
'''
```

```
'''
```

```
#frequency of letters in a given list of strings
```

```
lis=['apple','banana','mango','guava']
```

```
a={}
```

```
for i in lis:
```

```
    for j in i:
```

```
        if j in a:
```

```
            a[j]+=1
```

```
        else:
```

```
a[j]=1
```

```
print(a)
```

output:

```
{'a': 7, 'p': 2, 'l': 1, 'e': 1, 'b': 1, 'n': 3, 'm': 1, 'g': 2, 'o': 1, 'u': 1, 'v': 1}
```

```
'''
```