

```
In [ ]: l=[]
l=input('Enter a list:')
a=min(l)
print('Smallest item is', a, 'first occuring at index', l.index(a))
```

```
In [ ]: L=[]
L=(input('Enter a list of at least 5 items:'))
print('(a) Number of items:', len(L))
print('(b) Fourth item:',L[3])
print('(c) Last 3 items:',L[-3:])
print('(d) Everything but first 2 items:',L[2:])
print('(e) Reversed:', L[::-1])
print('(f) Largest:', max(L), 'Smallest:', min(L))
print('(g) Sum:', sum(L))
if 0 in L:
    print('(h) First zero is at:', L.index(0))
else:
    print('(h) No zeroes in the list.')
L.sort()
print('(i) Now sorted:', L)
del L[0]
print('(j) After deleting first item:', L)
L[-2] = 9876
print('(k) After changing second-to-last item:', L)
L.append(-500)
print('(l) After appending -500 to list:', L)
```

```
In [ ]: from collections import Counter
text = input("Enter text:")
counts = dict(Counter(text).most_common())
letters = ['a', 'b', 'c', 'd', 'e', 'f', 'g', 'h', 'i', 'j', 'k', 'l', 'm', 'n', 'o', 'p', 'q', 'r', 's', 't', 'u', 'v', 'w', 'x', 'y', 'z']
output = ""
for ltr in letters:
    count = counts.get(ltr, 0)
    output += f"{ltr}:{count},"
print(output[:-1])
```

```
In [ ]: d = {'abc':7, 'def':11, 'ghi':13, 'jkl':17, 'mno':19}
print(d['def'])
print(list(d.keys()))
for k in d:
    print(k, d[k])
if 'prq' in d:
    print('Yes')
else:
    print('No')
d['abc'] = 23
print(list(d.values()))
```

```
In [ ]:
```

```
In [ ]:
```

```
In [ ]:
```