



Explanation

- l=[3,2,-1,-2,-3] (original list)--->-1
- sort the data
- l=[-3,-2,-1,2,3] sorted order
- pl=[1 2 2 3 3] (positive list)
- pl[0] is positive print positive
- pl[0] is negative print negative

```
In [29]: l=[-1,2,2,-3,1]
#n=int(input())
l.sort()
pl=[]
for i in l:
    pl.append(abs(i))
pl.sort()
pl.reverse()
if -pl[0] in l:
    print(-pl[0])
else:
    print(pl[0])
```

3

```
In [37]: #to find fareset value from zero
l=[-1,2,2,-3,1,-10,9]
#n=int(input())
l.sort()
pl=[]
for i in l:
    pl.append(abs(i))
pl.sort()
print(pl)
if -pl[-1] in l:
    print(-pl[-1])
else:
    print(pl[-1])
```

[1, 1, 2, 2, 3, 9, 10]
-10

In []:

```
In [68]: def numbers(a,b,c):
          for i in range(c,a-1,-1):
              if i%a==b:
                  return i
          return -1

          numbers(3,2,9)
```

Out[68]: 8

```
In [5]: #Function to print lower case to upper case and upper case to lower case
def string(s):
    s=s.swapcase()
    print(s)

string("ABes")
```

abES

```
In [7]: keys = ['a', 'b', 'c']
        values = [1, 2, 3]
        h = {k:v for k, v in zip(keys, values)}
        h
```

Out[7]: {'a': 1, 'b': 2, 'c': 3}

```
In [14]: def twostrings(s1,s2):
          s1=sorted(s1)
          s2=sorted(s2)
          if s1==s2:
              return "YES"
          return "NO"

          twostrings("1342","1234")
```

Out[14]: 'YES'

```
In [16]: s1="alekhya"
          s1.split()
          print(s1[0])
```

a

```
In [28]: s="alekhya"
          len(s)
          print([0:len(s)])
```

```
File "<ipython-input-28-af8deadc487f>", line 3
    print([0:len(s)])
            ^
```

SyntaxError: invalid syntax

```
In [30]: a="dsdasw"  
a=sorted(a)  
a
```

```
Out[30]: ['a', 'd', 'd', 's', 's', 'w']
```

```
In [18]: s="alekhya"  
#s=sorted(s)  
n=[]  
s.split()  
x=0  
for i in s:  
    n.append(i)  
    #print(n)  
for j in n:  
    x=ord(j)-96+x  
print(x)
```

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In [49]: `dir(str)`

```
Out[49]: ['__add__',
          '__class__',
          '__contains__',
          '__delattr__',
          '__dir__',
          '__doc__',
          '__eq__',
          '__format__',
          '__ge__',
          '__getattribute__',
          '__getitem__',
          '__getnewargs__',
          '__gt__',
          '__hash__',
          '__init__',
          '__init_subclass__',
          '__iter__',
          '__le__',
          '__len__',
          '__lt__',
          '__mod__',
          '__mul__',
          '__ne__',
          '__new__',
          '__reduce__',
          '__reduce_ex__',
          '__repr__',
          '__rmod__',
          '__rmul__',
          '__setattr__',
          '__sizeof__',
          '__str__',
          '__subclasshook__',
          'capitalize',
          'casefold',
          'center',
          'count',
          'encode',
          'endswith',
          'expandtabs',
          'find',
          'format',
          'format_map',
          'index',
          'isalnum',
          'isalpha',
          'isascii',
          'isdecimal',
          'isdigit',
          'isidentifier',
          'islower',
          'isnumeric',
          'isprintable',
          'isspace',
          'istitle',
          'isupper',
          'join',
```

```
'ljust',  
'lower',  
'lstrip',  
'maketrans',  
'partition',  
'replace',  
'rfind',  
'rindex',  
'rjust',  
'rpartition',  
'rsplit',  
'rstrip',  
'split',  
'splitlines',  
'startswith',  
'strip',  
'swapcase',  
'title',  
'translate',  
'upper',  
'zfill']
```

```
In [50]: dir(list)
```

```
Out[50]: ['__add__',
          '__class__',
          '__contains__',
          '__delattr__',
          '__delitem__',
          '__dir__',
          '__doc__',
          '__eq__',
          '__format__',
          '__ge__',
          '__getattr__',
          '__getitem__',
          '__gt__',
          '__hash__',
          '__iadd__',
          '__imul__',
          '__init__',
          '__init_subclass__',
          '__iter__',
          '__le__',
          '__len__',
          '__lt__',
          '__mul__',
          '__ne__',
          '__new__',
          '__reduce__',
          '__reduce_ex__',
          '__repr__',
          '__reversed__',
          '__rmul__',
          '__setattr__',
          '__setitem__',
          '__sizeof__',
          '__str__',
          '__subclasshook__',
          'append',
          'clear',
          'copy',
          'count',
          'extend',
          'index',
          'insert',
          'pop',
          'remove',
          'reverse',
          'sort']
```

```
In [ ]:
```