```
# -*- coding: utf-8 -*-
"""
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"""

def linear_search(L, e):
    found = False
    for i in
range(len(L)):
        if e == L[i]:
            found = True
    return found

testList = [1,
3, 4, 5, 9, 18, 27]

def search(L, e):
    for i in range(len(L)):
        if L[i] == e:

     return True
        if L[i] > e:
            return False
    return False


def
isSubset(L1, L2):
    for e1 in L1:
        matched = False
        for e2 in L2:

if e1 == e2:
                matched = True
                break
        if not matched:

      return False
    return True


testSet = [1, 2, 3, 4, 5]
testSet1 = [1, 5, 3]
testSet2 =
[1, 6]

def intersect(L1, L2):
    tmp = []
    for e1 in L1:
        for e2 in L2:

if e1 == e2:
                tmp.append(e1)
    res = []
    for e in tmp:
        if not(e in
res):
            res.append(e)
    return res
```