

22C:16 Quiz 6
Date: Mar 6th, 2012

1. [5 points] What does each of the following expression evaluate to? Suppose that L is the list ["These", ["are", "a", "few", "words"], "that", "we", "will", "use"].

(a) L[1][0::2]

(b) "a" in L[1][0]

(c) L[:1] + L[1]

(d) L[2::2]

(e) L[2][2] in L[1]

Turn over for Problem 2.

2. [5 points] Here is a partially completed function called `subsetOf` that takes two lists and returns `True` if every element of the first list is also in the second list; otherwise the function returns `False`. For example, if the first list is `[3, 8.5, -22]` and the second list is `["hello", -22, "hi", 8.5, "goblin", 3]` then function would return `True`. On the other hand, if the first list is `[3, 8.5, -22]` and the second list if `["hello", -22, "hi", "goblin", 3]` then the function would return `False`. There is one line missing in this function. Your task is to supply this line.

```
def subsetOf(L1, L2):
    for e in L1:
        # Fill in the statement below
        ----- :
        return False
    return True
```