

ConcepTest

What does the following code do?

You may assume $\text{len}(s1) \leq \text{len}(s2)$ are the same length.

```
def mystery(L1, L2):  
    for i in range(len(L1)):  
        if (L1[i] > L2[i]):  
            L1[i], L2[i] = L2[i], L1[i]
```

- ▶ A. Swaps elements between lists to make all elements in L2 bigger than all elements in L1.
- ▶ B. Swaps elements between lists to make all elements in L2 smaller than all elements in L1.
- ▶ C. Causes an error
- ▶ D. None of the above.

ConcepTest

How many lines of text does the following print?

```
for i in range(5):  
    print('hello \n hi', 'hey', sep='\n', end='')
```

- ▶ A. 4
- ▶ B. 5
- ▶ C. 10
- ▶ D. 11
- ▶ E. None of the above

ConceptTest

What best describes what the following code does?

```
def mystery(lst):  
    i = 0  
    while i < len(lst) - 1:  
        if lst[i] == lst[i+1]:  
            return False  
    return True
```

- ▶ A. Returns True iff all elements in lst are unique.
- ▶ B. Returns True iff all elements in lst are the same.
- ▶ C. Returns True iff all adjacent elements in lst are different.
- ▶ D. Returns True iff all all elements are unique except the last.
- ▶ E. None of the above.