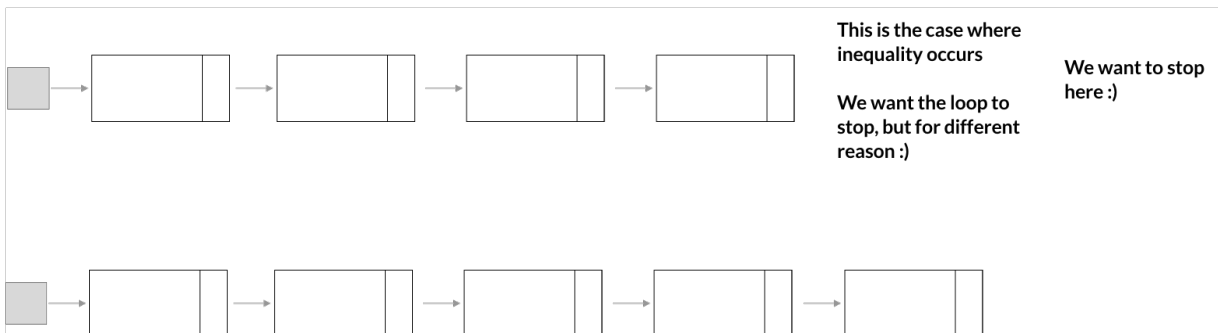# CSC148 Worksheet 13 Solution

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Question 1

a. The following diagram tells us the stopping condition occurs when both *curr1* and *curr2* is *None*.

Using this fact, the python expression involving *curr1* and *curr2* that expresses the stopping condition is

```
1    (curr1 is not None) and (curr2 is not None)
2
```

b. Python expression for the while loop condition is

```
1    while (curr1 is not None) and (curr2 is not None):
2        ...
3
```

c. The code for traversing two list is

```
1    while (curr1 is not None) and (curr2 is not None):
2        if curr1 is None or curr2 is None:
3            return False
4
5        if curr1.item != curr2.item:
6            return False
7
8        curr1 = curr1.next
9        curr2 = curr2.next
10
```

Question 2