

## Task 5: whileLoop.py

Turn the following pseudocode into python script.

```
temperature ← 115
WHILE temperature is greater than or equal to 80:
    PRINT temperature
    temperature – 1
END WHILE
PRINT 'The soup is cool enough'
```

### EXTENSION : While, for loops and tuples

```
shop = list()                                #creates an empty tuple to store the 'items' in
items = input('Press y if you want to enter more items: ') # first message to print
while items == 'y':                          #tests that while items is equal to 'y'
    line = input('Next item: ')              #ask for the next item if user entered 'y'
    shop.append(line)                        #appends(joins) the tuple together
    items = input('Press y if you want to enter more items:') # ask user if they want another input
print ('Your shopping list is:')            #if user types anything other than 'y' this is printed
for line in shop:                           #FOR LOOP to run through shop tuple
    print(line)                             #print the line variable
```

Use the code above to change your *whileLoop.py* to include the feature of typing in temperatures of different foods and beverages.