

Shopping List Exercise 4.0

Write a program to allow a user to create and print a shopping list.

Order of Tasks:

1. Display a welcome message for the program
2. Create a variable called shopping as an empty array

```
shopping = []
```

3. Leave some blank lines

Let the user add an item to the list

4. Add code to let the user enter an item and then add it to the list using

```
shopping.append()
```

5. Use a for loop to iterate over each item in the list and print them, one per line

Run your program and check that it works. It should add just one item to the list

Add a while loop to let the user add as many items as needed

6. Wrap your code from step 4 (just step 4) in a while loop to let the user add items until "XXX" is entered

Look up how you did this before.

Sort the list

7. After the end of the while loop but before you print the items, use the sort method to sort the list into order – `shopping.sort()`

Delete an item

8. Let the user enter an item that they think is in the list to delete
9. Use the `.count()` method to check if the item entered is in the list

```
if shopping.count(itemToDelete) > 0:
```

10. If the item is in the list, delete it using the `.remove()` method. Otherwise display a suitable message to the user

11. Wrap this code in a while loop to let the user repeat this until XXX is entered