CIS115 Week 6 Lab Overview

# Title of Lab: Shopping List in Python

## Summary

Create a program that will allow a user to add, list, and delete items from a shopping list.

## Deliverables

* A source code Python file.
* A Word document containing both source code and the screen print of the program outputs.

# Lab Steps

The program should be modular. For example, you will want to have an add\_item(shopping\_list) function, a delete\_item(shopping\_list) function, a display\_list(shopping\_list) function, a display\_menu() function, and a main().

**Sample Output:**

|  |
| --- |
| Welcome to the program!  1. Add an item  2. List all items  3. Delete an item  4. Exit  Enter a menu option: 2  1 : bananas  2 : apples  Enter a menu option: 1  Please enter the item: pears  pears was added to the shopping list  Enter a menu option: 2  1 : bananas  2 : apples  3 : pears  Enter a menu option: 3  Which number to delete: 3  pears was deleted  Enter a menu option: 2  1 : bananas  2 : apples  Enter a menu option: 4  have a great day! |

**Specifications:**

* The program should start with 2 items in the shopping list.
* Don't forget to include at the end of the program the code:
  + if \_\_name\_\_ == "\_\_main\_\_":  
    main();
* Use this code for the delete\_item(shopping\_list) function:

|  |
| --- |
| def delete\_item(shopping\_list):  number=int(input("Which number to delete: "))  if number<1 or number>len(shopping\_list):  print("Invalid number\n")  else:  item=shopping\_list.pop(number-1)  print(item," was deleted\n")  print() |