# Lab 3 - Working with Arrays & Loops (4%)

**Part 1:  Fruit Basket (0.5%)**

REQUIREMENTS: Using **Lab-3-1.html**/.js…

1.  Create a JavaScript array of fruit with 5 fruits in it.
2.  Have an alert box output one of the fruits from the array.

**Part 2:  Team List (1%)**

REQUIREMENTS: Using **Lab-3-2.html**/.js…

1.  Create an array named *ourTeam* that holds the first names of the people in your study group (or fake team of five).
2.  Output the array to the console.
3.  Use JavaScript to remove the last member of the team.
4.  Output the array to the console.
5.  Use JavaScript to add me ("Sean") to the front of the array.
6.  Output the array to the console.
7.  Use JavaScript to organize the array alphabetically.
8.  Output the array to the console.
9.  A message on the console should say, "We have *NUMBER* people in our group.", where *NUMBER* is a dynamic number that is the number of items in the *ourTeam* array.
10. Next, the console will display the names of the group members with each name on its own line.  Beside each name should be " is # *NUM*." with the person's number for *NUM*.   Remember: we want '1' and not '0' for the first person.

**Part 3:  Shopping Cart (1.5%)**

My online e-commerce site, Amasean, offers free shipping once the total purchases are greater than or equal to $35.  Create the logic to let the shopper (and the internal logic) know once they have crossed the free shipping threshold.

REQUIREMENTS: Using **Lab-3-3.html**/.js…

1.  Create an array to hold the user-submitted prices of the shopping cart items.

2. As long as the shipping threshold hasn't been met, a popup box will ask the user for the dollar value of each new item.
   *NB: Do not worry about collecting the names of items, nor about validating the input for this exercise. You are just collecting the prices.*

3. Each item value input will be converted to a number with parseInt() and added to the running total variable, **and** inserted into the shopping cart array.

4. Once the $35 minimum has been met, a popup tells the user, "Your shipping for this order will be free!"

5. Next, a string message appears in the console: "Item prices: " along with the list of items separated by | (the 'pipe').

**STRETCH GOAL (1%)**

Add the total value of the purchases to the popup message.