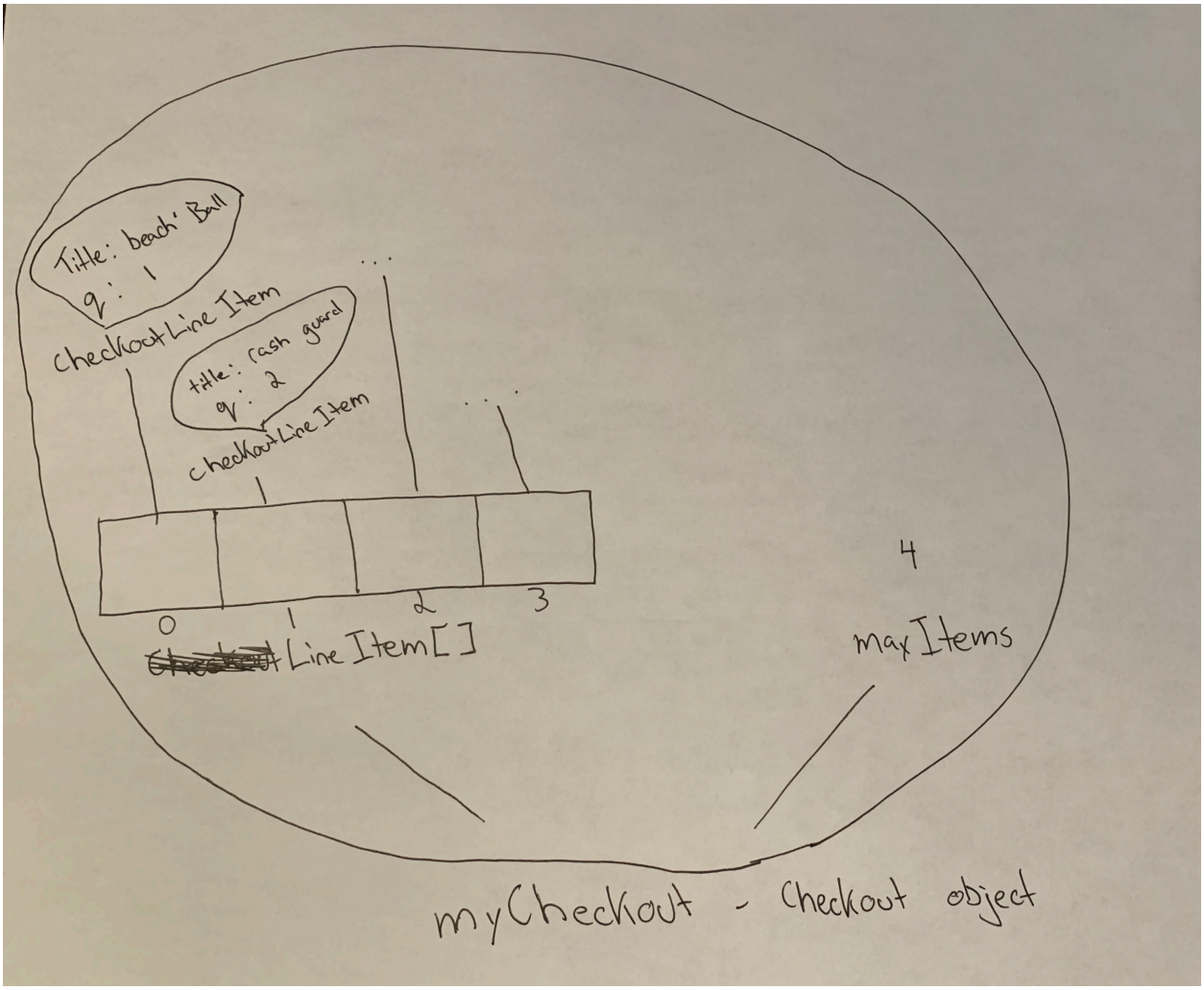
Draw a diagram that illustrates the array inside of the object referred to by myCheckout. Use a format similar to the last couple of pages about object references (feel free to use this slide as a starting point). You can label the objects referred to in the arrays using the checkout line item's title.
[1 point]



When myCheckout is created in setup(), what CheckoutLineItem objects within it, if any, are exactly the same? What objects, if any, are logically equivalent? (Review the page on Strings if you aren't sure what this means.)
[1 point]

No objects in the myCheckout array are exactly the same. There is an array that contains line items which are their own object of CheckoutLineItem. All of these are also independent objects and not exactly the same.

The “rash guard” string which is used in two separate line items is logically equivalent, but not exactly. Their result will equal one another, however the string object itself is different.

We set the first rash guard entry in the line items as processed; why doesn't this affect the second rash guard entry?
[1 point]

They are two separate CheckoutLineItem objects with their own boolean to reflect “processed”. They are in no way linked, even though they have logically equal titles.

Does myCheckout change after calling testAdjustingObject()? Why or why not? What about after calling testReassigningParameter()?
[1 point]

TestAdjusting changes the maxItems on the objects which is an int. This is because “c” in the function is in reference to the myCheckout object so it can make adjustments. Nothing changes in the array of line items however, because the size of that array was set before this function was called.

TestReassigning does not alter myCheckout in anyway. C is pointed to a different object inside the function *before* adjusting the maxItems. myCheckout is no longer referenced so it is not altered.

Do the lineItems array values in myCheckout change after calling testAdjustingArrayValues()? Why or why not?
[1 point]

Yes the array values do change. The index of second and third position are set to reference the other object (swap the line items). “Changed” is also added to the string object inside the line item object inside the array by using the reference stored at index 0.