**LAB 12**

**(Assessment) Logic Check**

**1) resArr in ChooseFunc.java**

1. **Why is it of Long type (instead of int)?**

Long type is used so that we use less memory.

1. **Why is it declared with [max+2] spaces?**

It has those two extra spaces so the fibonacci sequence can work, because we used index 0 and index 1 for the values 0 and 1.

**2) Give an alternative Expression to while(true) in ChooseFunc.java to implement the same function where it keeps looping until the user chooses to end.**

You can use a **do{...}while();** instead of the loop we have in the program and it will still run until the user decides to end the program.

**3) Min And Max variables in MinMaxReverse.java**

1. **Why is min initialized to the biggest positive int (Integer.MAX\_VALUE)?**

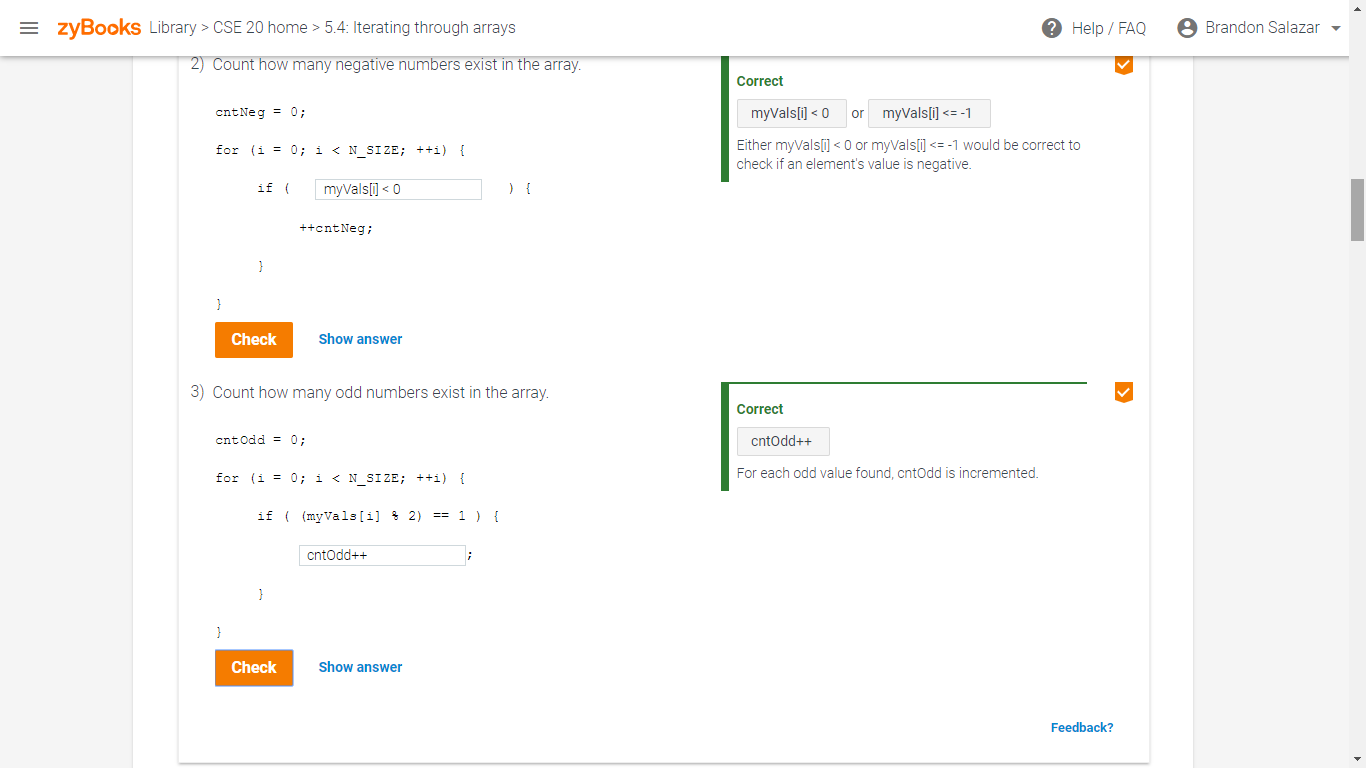
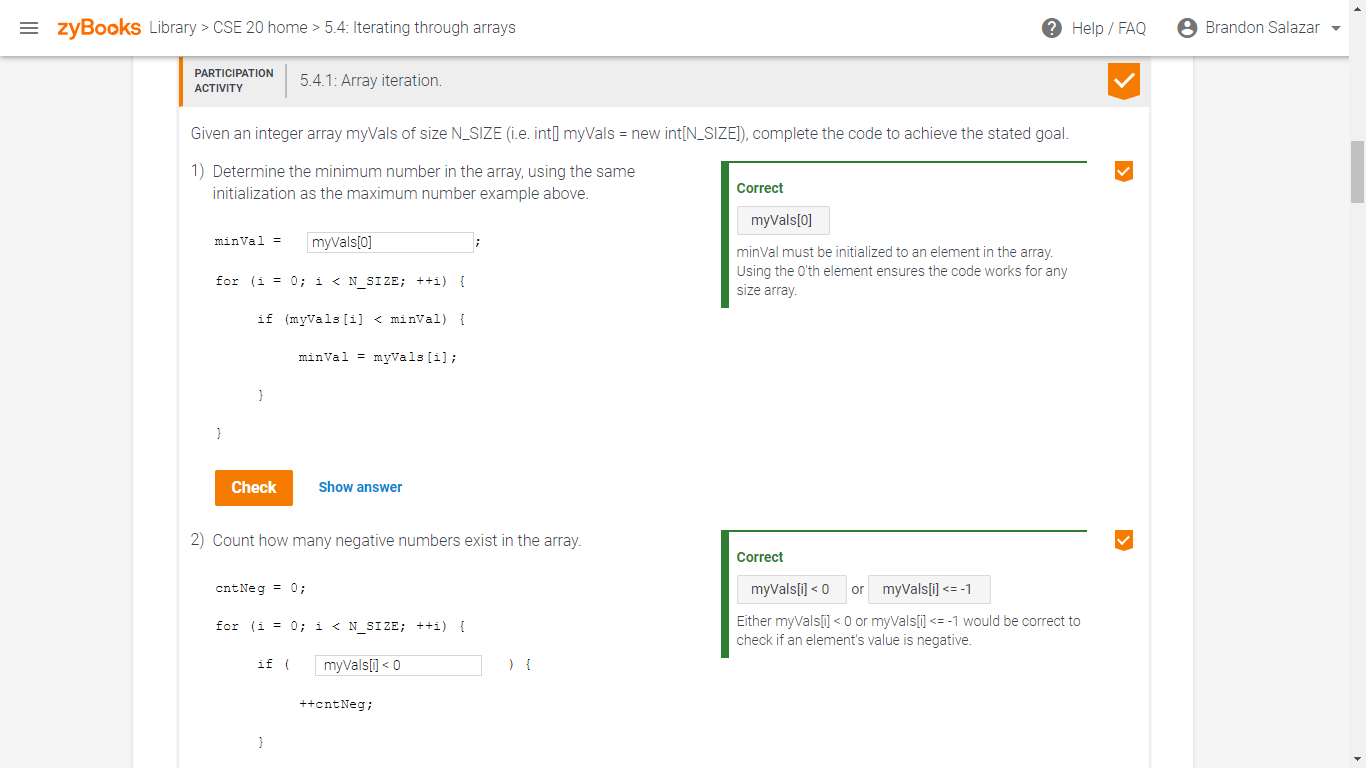
It is initialized so that the program can start searching from the biggest number in the array to the smallest number.

1. **Why is max initialized to the smallest negative int (Integer.MIN\_VALUE)?**

It is initialized so that the program can start searching from the smallest number in the array to the biggest number.

**Participation Activities(below)**

**5.4.1**

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