

# Lab Report 4

Name: Pedro Damian Sanchez Jr

Red-Id: 131076917

Reflection:

Our first TODO item was to write a suitable test to check equality of two strings, I implemented an if-statement which compared Strings a & b, and, printed "It works!" when the test ran correctly. Next I drafted a test to check if the elements within two String arrays were also equal to one another. Once successful, I wrote an assertEquals method to convert the print statements within the equalityOfStrings test method to assertsEquals printing function. On the following pair of TODO items, I initialized a new stringBuilder object and wrote a for-loop that appended "o" to the size of the parameter.

My answers:

In Java there are two ways of passing arguments to methods, first is pass by reference, and, second is pass by value. When passing by reference, parameters are streamed into the methods once the calling method returns the changed value of the variables. In contrast, when arguments are passed by value, only a copy of the variables are passed which has the scope within the method which receives the copy of these variables. Java directly supports passing by value, on the other hand, passing by reference will only be accessible through referencing objects.