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Assignment 1 Learning Experience

In this assignment, I had learned the difficulties of creating unique exceptions, implementing unique exceptions, and using Array List methods. For the exceptions, I had trouble understanding how would exceptions are used by the PasswordCheckerUtility class. At first, I did not though I would have to create a different exception for each class. I thought I could make a class and the exceptions would be methods. I later learned making exceptions into methods would be difficult and I made the exceptions into classes. There was also the problem of how I can implement the exceptions inside of the utility class. The exceptions classes were in a different package compared to the utility class. I looked at the j-unit test and found that the exceptions can be imported through different packages, and that helped me clear errors.

The array list had its own challenges as well as exceptions. When I began implementing the methods of the utility class, I had trouble with using the array list. I would want to get the number of elements of Array List, but I was unable to do so. I found that I had been using arrays instead of array lists. I had to learn the methods of array lists are different than arrays. For instance, to retrieve the number of elements in arrays, I had to use the length method. For array lists, I had to call the size method.

I would use unique exceptions to improve my error-solving skills. Exceptions are well performed in finding errors that could not be commonly been seen in code. I would also use the array lists to hold data more effectively. Array lists have methods that are flexible on size compared to the fixed length of arrays. Array lists are able to be modified easily than normal arrays.