

Bug Logs

Credit name: Chapter 9

Assignment Name: Mastery - Palindrome

```
userString = userString.toUpperCase();
char[] lettersInsideString = userString.toCharArray();
int length = userString.length();
char[] lettersPalindrome = new char[length];
for (int i = lettersInsideString.length-1; i>=0; i-- ) {
    lettersPalindrome[i] = lettersInsideString[i];
}
```

The logic error: I was intending to compare the lettersPalindrome with all the opposite indexes from lettersInsideString. But when I check it, the program notices an error.

```
userString = userString.replaceAll("\\s+", "").toUpperCase();
char[] lettersInsideString = userString.toCharArray();
int length = userString.length();
char[] lettersPalindrome = new char[length]; //Create the array

int lengthofArray = lettersInsideString.length - 1;
for (int i = 0; i<length; i++) {
    lettersPalindrome[i] = lettersInsideString[lengthofArray];
    lengthofArray --; //Set the characters
}
```

In order to simplify the code, I decided to tag the lettersPalindrome's 0 index with the 9th lettersInsideString's index and so on. To do that, I've set the lengthofArray by using lettersInsideString.length - 1 for the last index in the lettersInsideString array. And keep decreasing the index by 1 every time the lettersPalindrome index increases.