Home Assignment <1>: Change Odd Index To Uppercase

Learning Objective:

Understand the concepts of String manipulation and control statements in Java to change the odd index values to uppercase.

Expected Completion Time:

Best Case: 10 minutes
Average Case: 15 minutes

Assignment Details:

Change the odd index of a given String to uppercase with the input : String test = "changeme";

Requirements:

- Convert the given String to a character array.
- Implement a loop to iterate through each character of the String (from end to start).
- Find the odd index within the loop
- Inside the loop, change the character to uppercase only if the index is odd
- Print the characters with the expected output: cHaNgEmE

Hints to solve:

- Use appropriate method to convert the String into a character array.
- Use the appropriate operator to get the odd index
- Use toUpperCase() method from the Character class to convert the odd index values to uppercase

Expected Outcome:

Upon completion, you should be:

- Understand how to extract the characters from String
- Understand the basic manipulation on String.
- Learn about the Character class