

Home Assignment <3>: Reverse Odd Words in a String

Learning Objective:

Understand the concepts of String manipulation to build a logic to reverse the odd position words

Expected Completion Time:

Best Case: 15 minutes

Average Case: 20 minutes

Assignment Details:

Reverse the odd position words from a String with the input:

String test = "I am a software tester";

Expected output: "I ma a erawtfos tester"

Assignment Requirements:

- Split the words and have it in an array
- Traverse through each word using loop
- Find the odd index within the loop
- Convert the String array into a character array
- Print the even position words using another loop

Hints to Solve:

- Print the even position words in reverse order using nested loop
- Convert words to character array if the position is odd else print the word as it is (concatenate space at the end).

Reference Links:

String in Java - [Oracle Doc](#)

Expected Outcome:

Upon completion, you should be able to:

- Showcase basic String manipulation and algorithmic thinking.
- Understand how to use loops and conditional statements to perform a specific task, such as reversing the odd index position