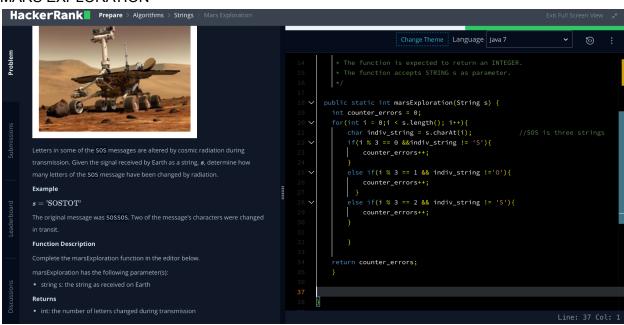
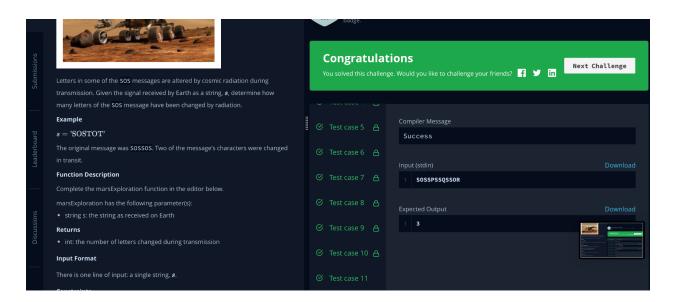
MARS EXPLORATION





Time and Space complexity:

Since it only uses one for loop that time complexity for this code is O(n), since n is the length of the string and you are checking for "SOS", from an 'n' number of strings, hence the time being O(n).

The space complexity is constant, O(1), since is using a constant space to check for the accounted errors in a string, it is constantly checking for only SOS, regardless of the size of n.