Reverser

Create an empty string that will become our reversed word.

Run through a for loop using negative indexing to loop through the positions backwards.

Add each indexed position to the empty string.

Capitalize

Turn the string into a list using split.

Create an empty string to recreate the string.

Use a for loop to loop through the list.

Use capitalize() to capitalize the first letter of each word in the list and add it to the new string.

Compress String

Create a counter to hold number representing repeating letters.

Create empty string to hold compressed string.

Use a for loop to loop through the string.

Compare the current letter against the last letter if they are the same increase counter by 1

If letters are different add counter + letter to string and reset counter to 1.