import re def replace\_words(input\_text): # Split the input text into words, keeping punctuation attached to words

words = re.findall(r"[\w']+|[^\w\s]", input\_text)

 count = words.count("terrible") replaced\_count = 0 for i in range(len(words)): if words[i] == "terrible": if replaced\_count % 2 == 0: words[i] = "pathetic" else: words[i] = "marvellous" replaced\_count += 1 output\_text = ' '.join(words) # Add a space between each word return count,

 output\_text def main(): # Read the file with open("file\_to\_read.txt", "r") as file:

 input\_text = file.read() count, output\_text = replace\_words(input\_text) # Write to a new file with open("result.txt", "w") as file:

 file.write(output\_text)

 print(f"The word 'terrible' appears {count} times.") if \_\_name\_\_ == "\_\_main\_\_": main()

