Part A

User inputs 3 codons with combinations of A, G, C, T. If the input contains unknown characters or more than 3 inputs the user is prompted to correct their statement with hints. The characters entered are checked by using a while loop that is initiated if there are any characters entered other than A, G, C, or T. The message: “Please enter a triplet of character only containing A,C,T,G (ex. ACT)” is displayed until the user enters a triplet with correctly input characters. The length of the triplet is also checked using an if statement inside the while loop. If the length of the triplet is more or less than three, the user is presented with the message “Please

The correctly entered triplet's first 10 position's and number of occurrences in the long sequence are displayed in a document