Programming basics - class 1

When finished, save the file in .ipynb format and return the file to Google Classroom or provide a link to the file in the Github repository.

1. Create a String variable to hold the following string: 'I love programming classes'. Then perform the following tasks:
   a. Using slicing and indexing and the created variable, output the the string 'ing clas' (1 point)
   b. Write out the value of the whole variable using a negative index (1pt)
   c. Write out every 3rd character starting from the second character (1pt)
2. Create a String variable storing the following string: 'Black is my favourite colour, unfortunately the colour black washes out of my clothes'. Then carry out the following tasks:
   a. Check if all the words in the given text start with a capital letter. (1pt)
   b. Check that the string begins with a capital C. (1pt)
   c. Replace both occurrences of the colour name with another colour of your choice colour. On output, the program should display text on the screen with the appropriate character sizes (such as you store in the the original variable, i.e. for the colour white, for example: 'White is my favourite colour, unfortunately, the colour white washes out of my clothes very quickly'. (1pt)
   d. For those willing: do the 2C point again. In this case you can use the replace method ONLY ONCE! (2pt)