sed command

Practice Worksheet

1. Write a sed command to append the text "Hello World" to the end of each line in a file called "greetings.txt". (Hint: End of a line is given by the address $)

For the next few questions, use the Sample file below.
Sample file: (sample.txt)
Hello, world!

This is a sample file.

It contains some text for practicing sed.

Let's make some modifications.

2. Replace "sample" with "example" and save the changes to a new file called modified.txt

3. Append " – The End" to the last line

4. Replace the second occurrence of "some" with "a few"

5. Add line numbers to each line in the file sample.txt and display the output as shown below (note the tab between line number and start of text on the line)

   1   Hello, world!

   2   This is a sample file.

   3   It contains some text for practicing sed.

   4   Let's make some modifications.

6. Extract lines containing the word "sed"

7. Replace the text between "It" and "modifications" with "has been modified"

8. Replace all occurrences of "sample" or "example" with "test" using extended regular expressions.

9. Insert "This is an inserted line" before line number 3.

10. Use sed to replace sensitive information in a text file (e.g. creditcardnumbers.txt) consisting credit card numbers (16 digit) with placeholders say XXXX(16 times) and save it to a new file called sanitized_creditcardnumbers.txt.