In-Class Exercise 3

Submit your work to moodle before the deadline.

1. Implement a procedure `reverse` in MIPS assembly language that, given a string S and its length, reverses S.

   Your program should prompt user to input a string S and print reversed S out. For example, if $S =$ "Hello", then after calling your procedure S becomes "olleH", and this reversed S should be printed out. *Your program should continue prompting until the user inputs "-", i.e., until $S=$ "-"*

   Your procedure must follow the MIPS procedure call conventions. The signature of this procedure in Java would look like this:
   `void reverse(String str, int length)`.