EE 2310 Worksheet #6C – Composing a Loop Program

<u>Loop Problem</u>: In the space to the right, write a brief loop program that will search through the ASCII sequence "hello world\n" that has been declared and do the following:

- **Capitalize all the letters.**
- **Put a comma after the "o" in "hello" (leaving the space as well) and an exclamation point after "world."**
- **Print out the answer.**

```
# Search Routine
        .text
main:
        .data
str:    .asciiz "hello world\n"
str2:   .space 16
```