

## **ECPE 173 – Spring 2013**

### **Lab Project 2**

Using the QtSPIM simulation environment, write a function that will accept the initial address of a string as input, determine the number of words in the string, and return that value. A C-like function header would look like:

```
int strEcount(char *str)
```

Assume that the string will always end with a period.

Write a main function that prints the string (which you should store in the data section), calls the function with the string, and prints the result of the function. Make sure to follow register and function conventions!

Turn in:

- Assembly code
- Screenshot of console with multiple test cases