

Assignment 1

Write a MIPS program to perform the following tasks:

- Print the message "Welcome." and a newline.
- Prompt the user to enter their favorite food "What is your favorite food?"
- Prompt the user to enter how many times a week they eat their favorite food. (*Use an integer for this, like in program 2-2.*) "How many times a week do you eat your favorite food?"
- Print out a message confirming their favorite food and how often they like to eat it. "Your favorite food is ____ and you eat it ____ times a week." The favorite food is a string and the number of times per week is an integer.
- Print a message to indicate the program is exiting. "Goodbye!"
- Exit the program cleanly.

Example output:

```
Welcome.
What is your favorite food? fish
How many times a week do you eat your favorite food? 2

Your favorite food is fish
and you eat it 2 times a week.
Goodbye!
```

Note:

Your output confirming the user's favorite food will not print on a single line. Do you know why?

Don't forget rubric for coding standards and Readability/Documentation?

The following are required for all assignments and are included in the rubric for grading:

- You need to name your file as "LastName-Name-Assign1.asm" (Example: Talley-Michelle-Assign1.asm)
- Your program will need to have the exact output unless otherwise stated. ***Make sure to use spaces and newlines as required.***
- Your source needs to have comments that explain your implementation.
- You need to include the following set of comments at the top of your source code for all assignments.
#Your Name
#Assignment # (Example: Assignment #1)
- You need to submit your source code on blackboard.