MIPS Assembly Homework 01

CS 3810 – Computer Architecture

Instructions

Write a guess a number game using MIPS assembly and the MIPS Assembly and Runtime Simulator (MARS).

Your program should run as follows:

Guess a number between 1 and 100: **50**
Too low, guess again: **75**
Too high, guess again: **70**
Too low, guess again: **73**
Correct! It took you 3 guess to find 73.
Would you like to play again? (Y/N): **Y**
Guess a number between 1 and 100: **42**
Correct! It took you 1 guess to find 42.
Would you like to play again? (Y/N): **N**
Goodbye!

Make your output match exactly!

Grading rubric

Output matching: 25/100

Display number of guesses: 50/100

Allow player to play again: 25/100

Notes

Use the information at http://courses.missouristate.edu/kenvollmar/mars/Help/SyscallHelp.html to complete this assignment.