Write a MIPS program to compute f = g - (f + 5)

Assume registers $to, $s1 hold values for g and f respectively.

The program should display the following prompts and read value entered by the user

“Enter a value for f:"

“Enter a value for g:"

The program the prints: "Answer for f = g - (f + 5):"

The program should repeat the above steps 3 times for each input pair, f and g

Project Submission and Deliverables

Submit your code via Canvas. Make certain that your assembly code is properly organized (indented, commented, contains your name at the top of the code). Submit the following two files:

i. The MIPS Assembly Code Language file titled *lab1.asm*
ii. The Report file pdf with screen prints titled *lab1.pdf*

Your report must include:

1. Your name

2. A list of the assembly code file

3. A brief summary of project implementation

4. Results showing the working code via screen prints

5. The conclusion listing the lessons learned and problems faced

To potentially receive partial credit for non-working code, provide your descriptive analysis of what is occurring in the non-working code and why you believe this is occurring. Verify that your report and code is submitted in subversion by viewing from the web browser. If your pdf report does not load, you will lose points

Grading

• Working Code (90%)

• Report including results (10%)

If your code does not assemble, a minimum of 50% will be deducted from your score.