

Programming Project 01- (45 Points) due on Sep 13th 2020

Objective: To understand Developing and executing programs in the simulator environment
Do basic commands for accepting integer and string inputs from user and to display that.
Do basic arithmetic operations and display the results.

- P1.** Write a MIPS program using MARS IDE that will accept 3 integers from the user and find the sum of the 3 numbers and display the sum. (12 points)
- P2.** Write a MIPS program using MARS IDE that will ask the user for their favourite place on earth and to display it. (12 points)
- P3.** Write a MIPS program using MARS IDE to solve the expression and display the value in X, where A,B,C and are variables assigned in the data section of the program
 $X = A * C + (B / D)$. (12 points)
- C1:** List the errors you got while doing the program as comments for every program. (If nothing write "No Error") (1Point each)
- C2:** Comment in every program if the topic covered in class helped you in doing this or did you refer any resources outside or a peer help? (1Point each)
- C3:** Comment your name, date of completion of the program and the time taken to do the program. (1Point each)

For every P section you need all C sections

What to submit in Canvas.

Submit three separate assembly (.asm) files for the 3 programs.