

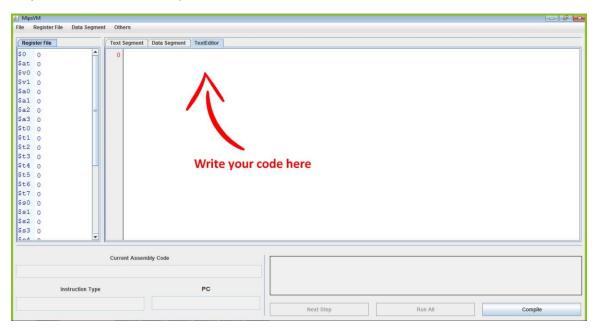
CS332 Computer Architecture and Organization

Assignment - 4 (Option 2)

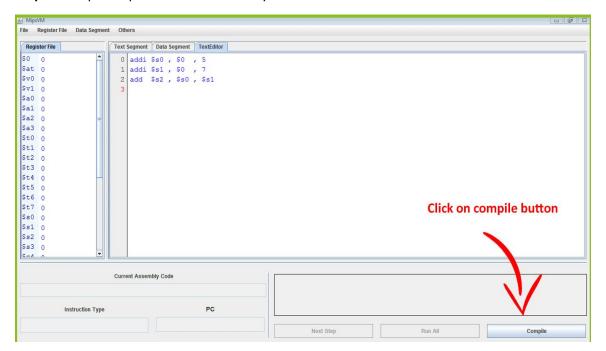
Name	ID
Ehab Fawzy	20170072
Hatem Mamdooh	20170085
Hussien Ashraf	20170093
Khaled Ezzat	20170098

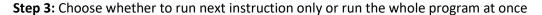
User Manual

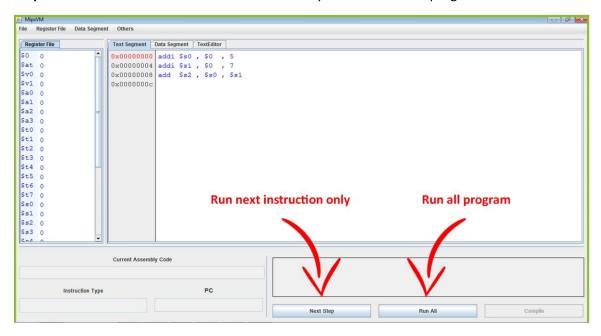
Step 1: Write MIPS Assembly code



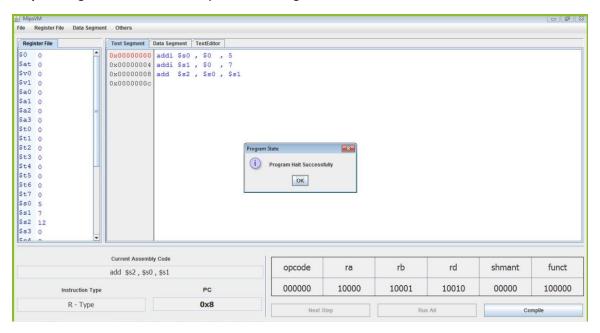
Step 2: Compile to parse and make sure syntax is correct



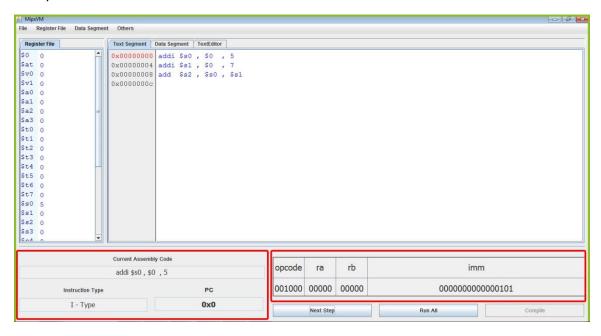




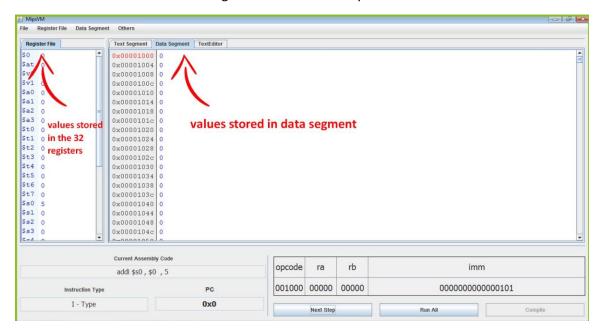
Step 4: Program halts successfully after finishing all the instructions.



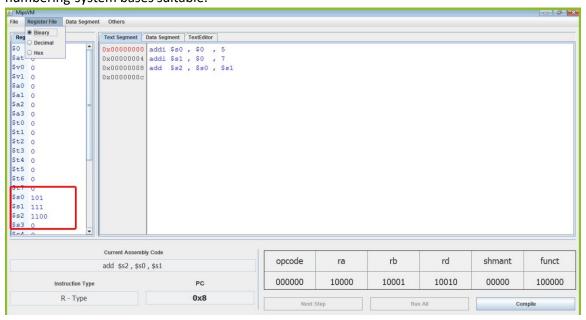
Note 1: Instruction type and program counter is displayed in the left red box showing which instruction is currently being executed, the right red box shows the current instruction in the binary format.



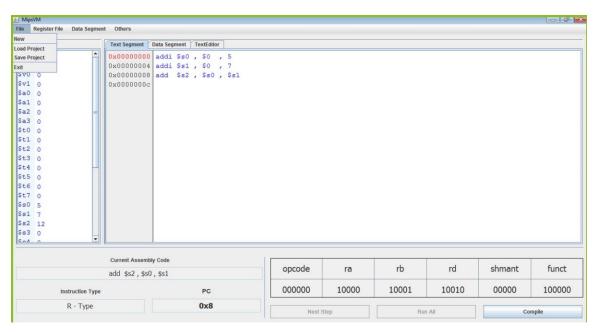
Note 2: The values stored in the registers and the memory can be viewed when needed.



Note 3: You can view the register file values and data segment values using any of the different numbering-system bases suitable.



Note 4: You can load a file to compile or save the current assembly code from the text editor to a file.



List of supported instructions:

