CS286 Programming Project #2 Grading Checklist

Student ID (only the last 3 numbers*): 004-13
*Note: some people have to write down 4 digits

I. MODULE MAIN STRUCTURE

(1) A program begins with "main."
YES: ✔️
NO: 

(2) "$ra register" is saved ("sw $ra, X($sp)"") at the beginning of module main:
YES: ✔️
NO: 

(3) Other registers (other than $ra) are saved ("sw $yy, X($sp)"") at the beginning of module main:
YES: 
NO: ✔️

(4) There is "jal" inside of module main:
YES: ✔️
NO: 

(5) $ra register is restored ("lw $ra, X($sp)"") at the end of module main:
YES: ✔️
NO: 

(6) Other registers (other than $ra) are restored ("lw $yy, X($sp)"") at the beginning of module main:
YES: 
NO: ✔️

(7) There is either:
(a) "$31"
(b) "$v0, 10" followed by "syscall"
At the end of the module main:
YES: 
NO: ✔️

II. RECURSIVE MODULE STRUCTURE

(1) "$ra register" is saved ("sw $ra, X($sp)"") at the beginning of the recursive module:
YES: ❌
NO: 

(2) There is "jal" inside of the recursive module:
YES: 
NO: ❌
III. PROGRAM OUTPUTS

(1) GCD (7654, 344) = 86, 3 (or 4) rounds
(2) GCD (782, 52) = 2, 3 (or 4) rounds
(3) GCD (1234, 84) = 2, 6 (or 7) rounds

Could not load the asm to PC-SPIM.

The recursive structure is not properly implemented.