Assignment 3

Due: 2020-02-22, 23:59:59 IST

The due date for submitting this assignment has passed.
As per our records you have not submitted this assignment.

1. Which of the following instructions translates to "jump unconditionally to label foo" in the ARM assembly language?
   - `beq foo, foo, bar`
   - `bne foo, foo, bar`
   - `beq bar, foo, bar`
   - `blt x, y, d`
   - `bhi x, y, d`
   [1 point]

2. Which of the following is a 2-address instruction in Simple RISC?
   - `add r1, r2, r3`
   - `addi r1, r2, r3`
   - `addi r1, r2, r3`
   - `add r1, r2, r3`
   - `add r1, r2, r3`
   - `[1 point]

3. Which statement is illegal in C?
   - `char x = 'a';`
   - `int y = 10;`
   - `float z = 2.5f;`
   - `double w = 3.14;`
   - `bool v = true;`
   - `int x = (char) 10;`
   - `[1 point]`

4. Which of the following statements is illegal in C?
   - `char x = 'a';`
   - `int y = 10;`
   - `float z = 2.5f;`
   - `double w = 3.14;`
   - `bool v = true;`
   - `[1 point]`

5. Which of the following instructions can be used to set the flag in ARM assembly?
   - `ori r1, r1, #0`
   - `and r1, r1, #0`
   - `lor r1, r1, #0`
   - `xor r1, r1, #0`
   - `add r1, r1, #0`
   - `[1 point]`