Chris Carr

Manchester metropolitian university

1cwk50 – part 3

Yesyseyseyseys

# Flow Chart Diagram

Registers used: $a0, $v0

Instructions used: Load Address (la), Load Immediate (li), Syscall

Registers used: $f2, $f0, $f12

Instructions used: Load float 32 bit - single (l.s), Divide float 32 bit – single (div.s)

Output prompt to screen

User input pin

Is 5 digits long and integer?

Divide by 3.3

Output Result

**Yes**

**No**

Registers used: $v0, $a0 (user input is stored here)

Instructions used: Load Immediate (li), Syscall

Registers used: $v0, $f12

Instructions used: Load Immediate (li), syscall