

CPE 221 CLASSWORK 13: MACHINE CODE IN ARM

Student Name (as in Canvas): _____

A Number: _____

Points: 20

1 Encode STRB**(10 Points)**

STRB R10, [R6, #40]!

Your Answer

2 Encode POP Instruction

(5 Points)

Encode the assembly instruction POP {R3, R8, R0} into machine code.

Your Answer

3 Encode LDR Instruction

(5 Points)

Encode the assembly instruction LDR R9, [R5, #-32] into machine code.

Your Answer