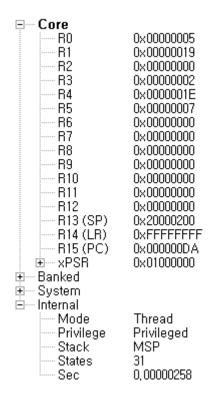
학번: 201704150 / 이름: 허강준

과제 1 Lab 2-1.s

```
; 학번: 201704150 ; 이름: 허강준
LDR R0, =0x5
                       ;R0 =
                               0x5
LDR R1, =25
                       ;R1 =
                               25
LDR R3, =2
                       ;R3 =
                               2
ADD R1, R0, R1
                       ;R4 =
                               R0 + R1
MOV R5, R4, LSR R3
                       ; R5 =
                               R4 >> R3
В.
                       ;Exec Done, Wait Forever
```

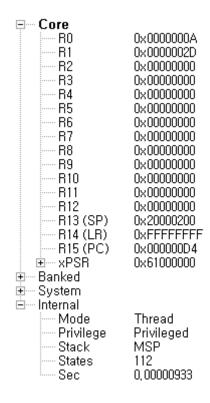
실행결과



과제 2 Lab 2-2.s

```
; 학번: 201704150 ; 이름: 허강준
                EOR RO, RO
                                       ; R0 ^= R0 (Used for loop ctr)
                                       ; R1 ^= R1
                EOR R1, R1
LOOP_BEGIN
                CMP R0, #10
                                       ; Compare RO with 10
                BGE LOOP_END
                                       ; Branch to LOOP_END
                ADD R1, R0
                                       ; Add ctr to R1
                ADD R0, #1
                                       ; Increase counter
                    LOOP_BEGIN
                                       ; Loop again
LOOP_END
                В.
                                       ;Exec Done, Wait Forever
```

실행결과



과제 3 Lab 2-3.s

```
; 학번: 201704150 ; 이름: 허강준
                         10
MOV
      R1, #10
                 ; R1 =
                 ; R2 =
MOV
      R2, #7
                         7
      RO, #5
MOV
                   R0 =
                         5
MUL
      R1, R2
                 ; R1 *= R2
CMP
      RO, #5
                 ; compare RO and imm 5
ADDNE R1, R0
                   ; R1 += R0 (Conditional)
SUBNE R1, R2
                   ; R1 -= R2 (Conditional)
                 ; Exec done, wait forever
В
```

실행결과

PASS_ADD

