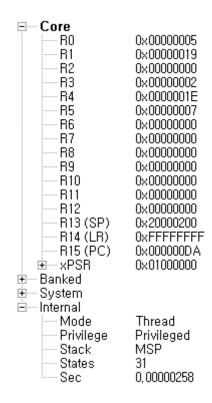
# 학번: 201704150 / 이름: 허강준

```
;학번: 201704150 ; 이름: 허강준
      R0, #0x5
                      ; RO =
                             0x5
MOV
      R1, #25
                      ; R1 =
MOV
                              25
      R3, #2
MOV
                      R3 =
                              2
      R4, R0, R1
ADD
                      ; R4 =
                              R0 + R1
                      ; R5 = R4 >> R3
MOV
      R5, R4, LSR R3
                ; Exec done, wait forever
В
```

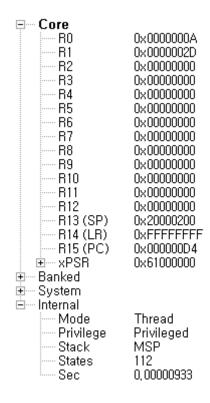
#### 실행결과



## 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

