MOV R0, #4

MOV R1, R0, LSL#1

MOV R2, #10

MOV R3, #20

STR R0, [R2{,#4}]

STR R1, [R3]

LDR R6, [R2{,#4}]

LDR R7, [R3]

HALT

MOV R0, #1