MOV r1, #34 ;N1

MOV r2, #54 ;N2

MOV r3, #21 ;N3

MOV r4, #0 ;reg to hold answer

CMPGE r1, r2

BCS greater1

MOV r4, r2

CMPGE r2, r3

BCS greater2

END

greater1 MOV r4, r1

greater2 MOV r4, r3