AREA appcode, CODE, READONLY

export \_\_main

ENTRY

\_\_main function

MOV r0 , #20 ;first number

MOV r1 , #36 ;second number

MOV r2 , #10 ;third number

CMP r0 , r1

IT HI

MOVHI r1 , r0

CMP r1 , r2

IT HI

MOVHI r2 , r1

MOV r3 , r2

STOP B STOP ; stop program

endfunc

end