**CODE FOR CORTEX M4**

AREA myseccode, CODE, READONLY

EXPORT \_\_main

ENTRY

\_\_main FUNCTION

MOV R0, #0x34 ;Number1

MOV R1, #0x01 ;Number2

MOV R2, #0x05 ;Number3

CMP R0,R1

BGT LOOP

CMP R1,R2

BGT result1

MOV R4,R2

result1

MOV R4,R1

LOOP

CMP R0,R2

BGT result2

MOV R4,R2

result2

MOV R4,R0 ;R4 contains the largest numbers of the given three numbers

stop B stop

ENDFUNC

END