

CSN-221-Assignment

mov r0,0

mov r1,1

.loop:

mov r2,r1

mov r3,r1

.loop1:

.loop2:

mul r4,r2,r2

mul r5,r4,r2

mul r6,r3,r3

mul r7,r6,,r3

mov r8,0

add r9,r5,r7

cmp r9 r1

beq.countIncrease

sub r3,r3,1

cmp r3,0

bgt.loop2

sub r2,r2,0

bgt.loop1

cmp cnt 2

bgt.exit

add i i 1

.cntIncrease:

add cnt cnt 1

.exit:

exit

mov cnt,0

