

mov int 0

mov i 1

.loop

mov j i

mov k i

.loop 1

.loop 2

mul r1 j, j

mul r2 r1, j

mul r3 k, k

mul r4 r3 k

mov r5 0

add r5, r2, r4

cmp r5, i

beg. counter increase

sub k k

cmp k '0

bgt. loop 2

sub j j

bgt loop 1

cmp cnt 0

bgt. exit

add i, i, 1

. cnt increase

add cnt cnt 1

. exit

. ext

mov cnt 0