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01 Batch

Assignment-2:

mov cnt 0

mov i 1

•loop:

mov j i

mov k i

•loop1:

•loop2:

~~mov~~ 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

bgeq cntIncrease

sub k k 1

cmp k 0

bgt loop2

sub j j 0

bgt loop1

cmp cnt 2

bgt exit

add i i 1

•cntIncrease:

add cnt cnt 1

•exit:

Exit

mov cnt 0