Psuedo-code for finding the highest perfect square which is less than or equal to its parameter.

PERFECT\_SQUARE(Mynumber)

IF Mynumber is not equal to INT

OUTPUT Error Message

RETURN

Integer <- 1

Answer <- Integer mult Integer

IF Mynumber is equal to 1

OUTPUT integer

ELSE IF Mynumber is less than 1

OUTPUT “number must be greater than 0”

ELSE

WHILE Answer is less than or equal to Mynumber  
 Integer <- Integer add 1

Answer <- Integer mult Integer

Integer <- Integer – 1

Integer <- Integer mult Integer

OUTPUT Integer