# Task 3 – Pseudocode

## *Question: Write the pseudocode for a function which returns the highest perfect square which is less or equal to its parameter (a positive integer). Implement this in a programming language of your choice.*

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| CHECK\_PERFECT\_SQUARE(N)  if n < 0  return FALSE  else  ans <- FALSE  for i <- 0 to length[n]  if (i \* i) = n  print "Number is a perfect square"  ans <- TRUE  if ans = FALSE  for j <- n and j > 0  j <- j - 1  if (j \* j) < n + 3  print "Number is not a perfect square but the closest is"  return (j \* j) |