**Pseudo Code:** Instructions not written in a computer programming language

Example:

Factorial of n:

* “product” will store a product of integers
* Loop starting at n
  + Decrement by 1 each time until we reach 1
* 6! = 6\*5\*4\*3\*2\*1
* Multiply product by the decremented n
* Store new product in product
* Print product

Practice:

Tiled Room:

* Double width = the width of the room
* Double length = the length of the room
* Double tile = the dimension of the tile
* length/tile = ltiles
* width/tile = wtiles
* ltiles/2 =
* wtiles/2 =

Grade:

* currentpts = total current points possible
* mypercent= current percentage
* testposspts = possible points on the test
* totalpts = testposspts+currentpts //total amount of points possible for the marking period
* gradewanted = grade wanted in percent
* gradewanted\*totalpts = ptstotalyou //total points you need for the marking period
* pointstotalyou-currentpoints = points needed on the test!

Fibonacci #

* n = nth fibonnacci number
* currfib = 1 //current fibbonacci number
* x = 1
* currsum = x;
* for (int currfib = 1; currfib<n; currfib++) {

currsum = x+currsum

x++;

}

* print currsum

Chessboard