In CS, we're concerned w/ solving problems w/a computer. A Problem for a computer must be defined precisely + unambiguously by its input and its desired output. Sort an array.
input: array + way to compare
elements
output: sorted array compute the factorial of a pos. int input: ne Zt output: n! Note that we need the tools of discrete math to define these inputs + outputs precisery! A solution is some method of taking in an arbitrary input and computing and out put u/ desired properties defined by the problem. Typically this method is an algorithm, a sequence of steps you can perform to get from input to output. In practice, we write an algorithm as a mix of precise + unambiguous notation and some words to give inthition. We call this mix pseudocode.

fact (n):
if n=1 then
return 1
else
return n.fact (n-1)