

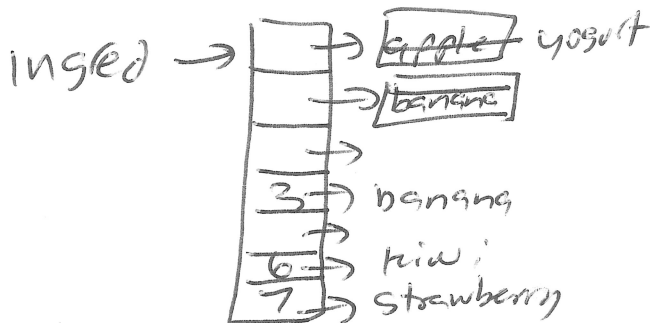
9/8/21

COP3502

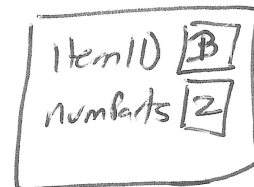
①

- ① New SI Leader (1.5) Study Group Note
- ② Quiz Feed back - Will do video
- ③ P1 Pictures
- ④ Recursion !!!

P1 Pictures

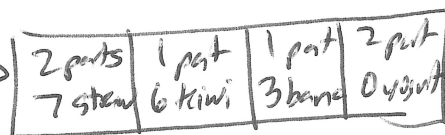
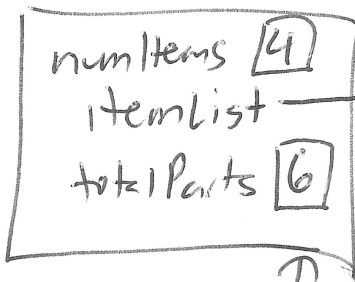


Item struct



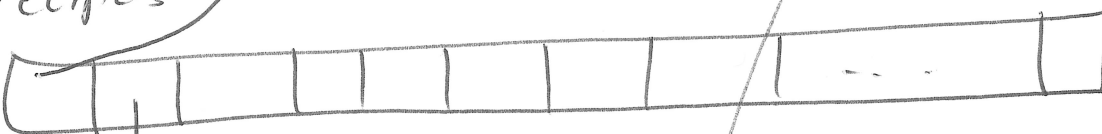
2 parts banana

recipe



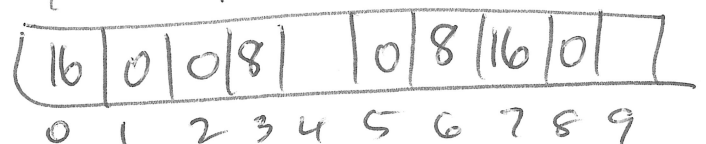
if (amt[i] > 1e-6)
 10^{-6}

recipe →
all recipes



48 lbs
of item 0

For each store



②

A recursive function is one which

Sometimes calls itself.

If it always d.d, the 1st call would never finish.

~~fact(1)~~
~~fact(2)~~
~~fact(3)~~
~~fact(4)~~
main

$$5! = 1 \times 2 \times 3 \times 4 \times 5$$

~~fact(1)~~

~~fact(2)~~

~~fact(3)~~

~~fact(4)~~

fact(5)

~~fact(1)~~

~~fact(2)~~

~~main~~

Call Stack

Call Stack

Sometimes, the task at hand is so easy, we just do it instead making a function call -

BASE CASE