

Given an interval and
a list of subintervals,
find the minimum # of subintervals
that cover the interval.

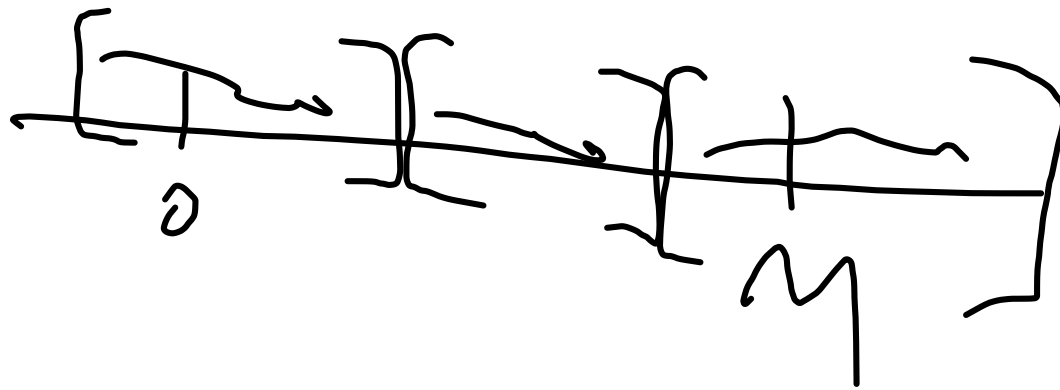
Interval $\rightarrow M > 0$

($\Leftarrow [0, M]$)

$[-1, 2]$, $[0, 3]$, $[3, 4]$, $[3, M]$

$$0 < M \leq 100$$

int findMinimalCovering (int M,
[0,3] [7,10] Dimension []
subints)



Distributed

??

Tools matter a lot

Communication is slower

areaTriangle l1 l2 l3

(arg) function can take an arbitrary
of parameters

(areaTriangle 10 20 30)

(areaTriangle 10 20) // syntax error, semantically incorrect

ta 8 4 12 // invalid

ta 1 2 3

ta 3 4 5

ta 1 -2 3

ta → all permutations

1	1	1	2
2	1	1	1
3	0	1	2
4	0	0	2
5	0	0	0

k b d 10 // 3 4 5

k a b c

19 3 2+2 5

19 2 2 2

-1a 1 2

1a 1

1a 1 2 3 4