

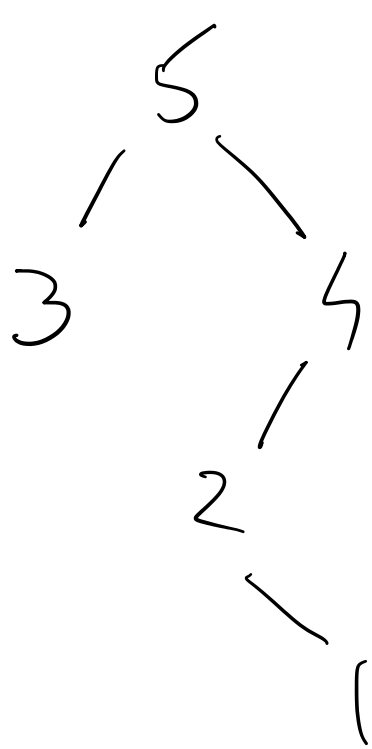
x

$$x = a^3 + b^3$$

$$x \leq 10^{12}$$

$$a, b \leq \frac{10^6}{10000}$$

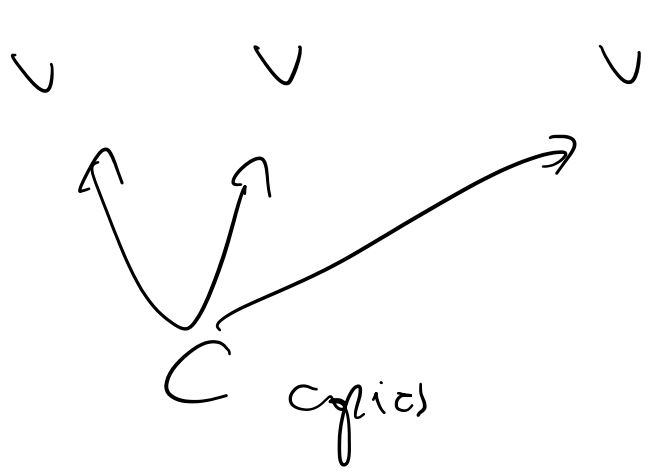
3 5 2 1 4



a_i
fibonacci

4
players

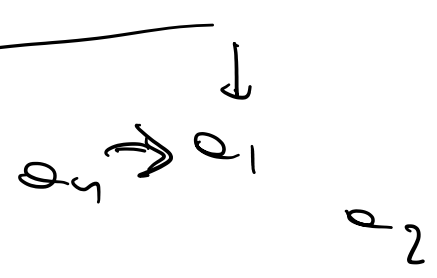
1 1



1 1 2 2 3 4
x x

1 1 2 2 3 4
x x

$$1 + 2 + 3 + \dots$$



stop when
 $sum \geq x$