Bit Manifulation:

0: 0000 1: 0001 2: 0010 3: 0011 ith bit set?

J1

unset:

= 0 bit 0 bit 2, 1 = bit

021 = 3 021 = 1

1:0001

142:0100

LCC 2 tines

1 < (it times : wask (it bit set)

no & mack $1:0 \rightarrow b+1$ $= 0 \rightarrow b+0$ $1:0 \rightarrow b+1$ $= 0 \rightarrow b+1$ $= 0 \rightarrow b+0$

ith bit 1 place

3210
no:6 0110
mosk 1000

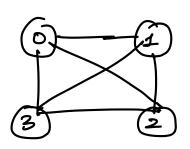
3rd 10rt 1

no | most 100 | (166)

Check i bits longest no?

4 bit
$$\frac{1}{2} = \frac{1}{2} = \frac{15}{24}$$

(1<<ii)-1: ibits largest no.



Dynamic Programming.

Cibonacci

Recursive:

er 40 3

1111



