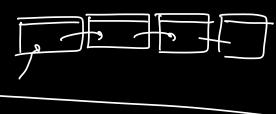
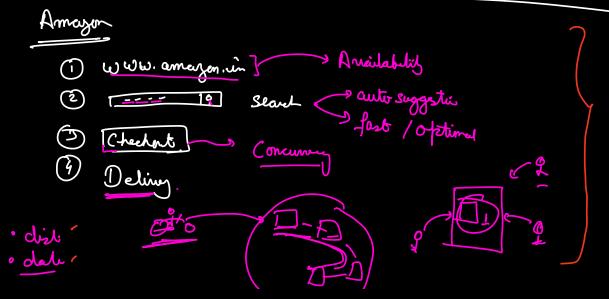
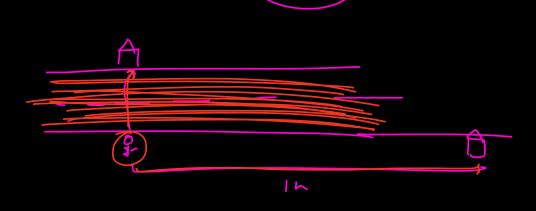


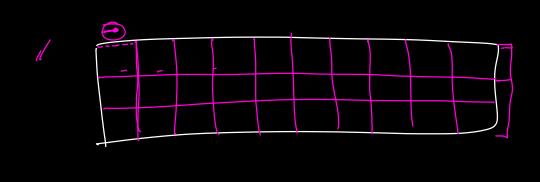
20 year



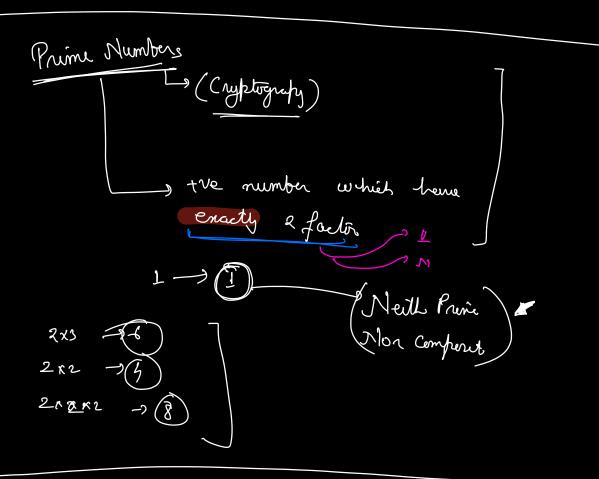




Observation



$$\frac{25}{S} = \frac{101 \times 100}{2}$$



Q Given a tre. Check if it is prine a mob.

int cont =0; ini <= N

for (i=1; i<= N; i++) {

// Check if i chines x

if (N%i == 0) {

Cont ++;

47

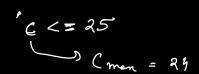
w (cut == 2)

(a, b) are factor of N?

(a, N/a) are factors of N?

If a is a factor of N,

the N/a is also a factor of N



° J	R4 NG
	24
3	12/8/
4	6
6	4
12	7
24	

Q Z=1

N = 100		
i	NIi	
_	100	
2	o≥	
4	عے	
ک	2 <u>0</u>	
10	σ١	
20	Ol	
2.2	9	
30	2	

fu (i=2; iri <= N; i++)(ey (N%, i = = 0) // if i chinds on nt folz.

1 struli-	N	17
n = 11	1 1 ms	~ 4
[0]	101 ms	≈ 3 m.1 ≈ 10 ms
lo _e	10 cm =	· J106 ms
1018	= <u>16 mi</u> [!	= 10° ms
	= 10 15 Sec	, <u>10,</u>
	316887646year	= 103 ms
		- 11 days.

Juga = b

Oth -> Malls for prays

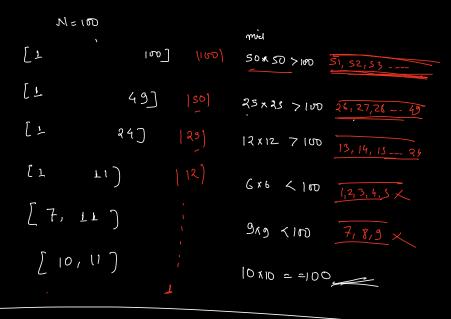
Cerin No How may times we need to duich it by 2 to make it 1.

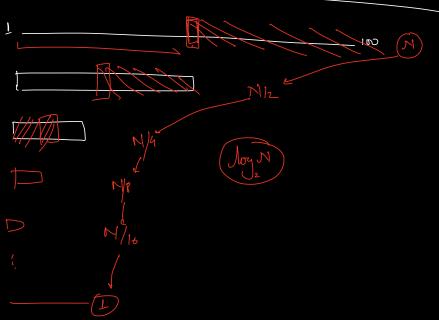
21:2 -12 2

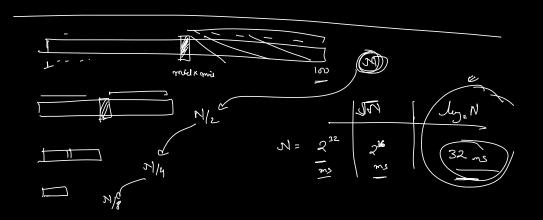
2: 4 12, 2 12 21

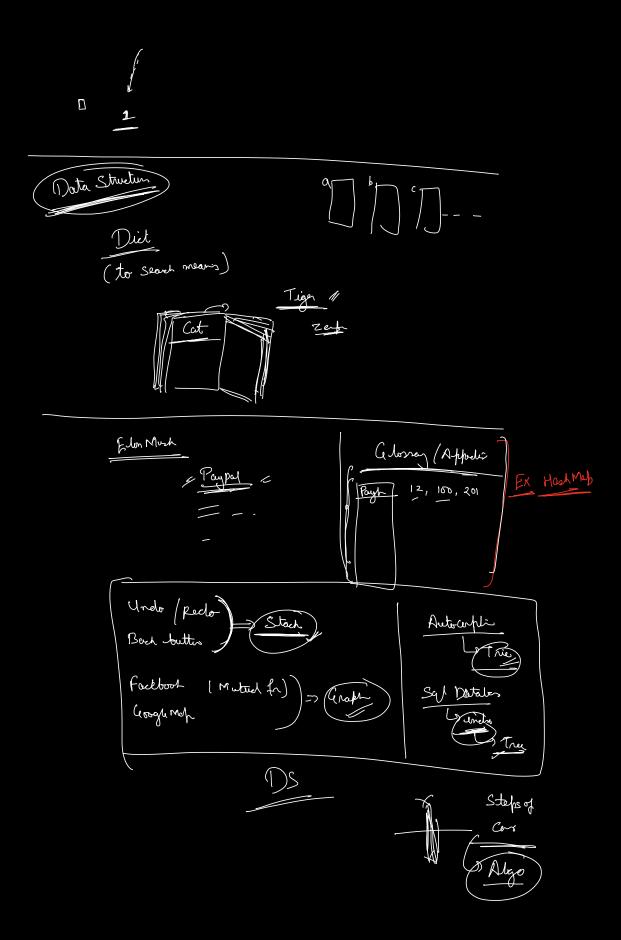
23; 8/2 4 /2 2 /2 1 3

15
$$\frac{1}{2}$$
 $\frac{1}{2}$ \frac









-> Bit Maripulati -> (Overfling)

-> Time Corplany (T L15)

-> Arrayo (observe)

-> Mash May (Prob.; unplean)

-> Scrtig

-> Strig

-> Malts.