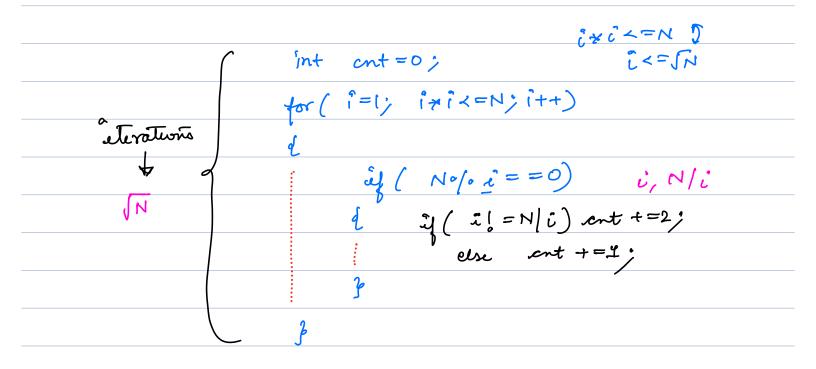
Data structures and Algorithms						
\	U					
Beginner Intermediate 2 months	Advanced					
2 months	4-4/2 montus					
Timings -> Monday Wed	nesday Friday					
9 pm	nesday Friday - (11:00-11:30 pm)					
2-2/2 hr s	ession + Doubts > revort					
<u> </u>	4					
Break 8-10 min	Attendance not considered					
	considered					
· hettere Notes will be uploaded and						
con be occessed using dashboard.						
	U					
· PSP -> Problem solvin	g percentage					
Assignment / Homework habure_						
whatever we do in						
lecture						
	4					
Slack	Any other doubts,					
whatsapp	please put it in Questions					
email -> monit · sharma & caler-com	Tab, I'm take it at					
Concer Com	the end of session.					
	D — ,					

$$|\longrightarrow N|$$

$$|\longrightarrow N|_2$$

N=24						
	N	NIL	① F	actors are	ochur	ring
	Ī	24	ont =2	in pair	<u>s</u>	V
	2_	12_	cnt = y	a) j	= N	
	3	8	ent = 6 ert = 8			
0	Ч	6	cert=8	J	NI	
	6	4	<u>(2)</u>	After a	point,	factors
	8	3		After a are reg	peating	
	12	2				
	24	4		1 <= N/.	o L	
					,	
32				じゃじて	=N	
	1	32		レンベニ	=N or	じく=「ハ
	2	16				
	4	8		N = 100		
	8	4		1	100	ant = 2
	16	2		2	50	at = y
	32	1		4	25	at = 6
				5	20	at =8
				(0	10	et = 10
			-	20	5	
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				100	1 1	
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7	üferation	Time	lit = 1 see
108	104	0.0001 sec	(0 ⁸
1010	105	00 00 1 see	10 = 10 se-4
1018	109	10800	108 10
		212 21	

Prime Number

Exactly 2 factors

Advanced count no of factors == 2

yours?

4 standard



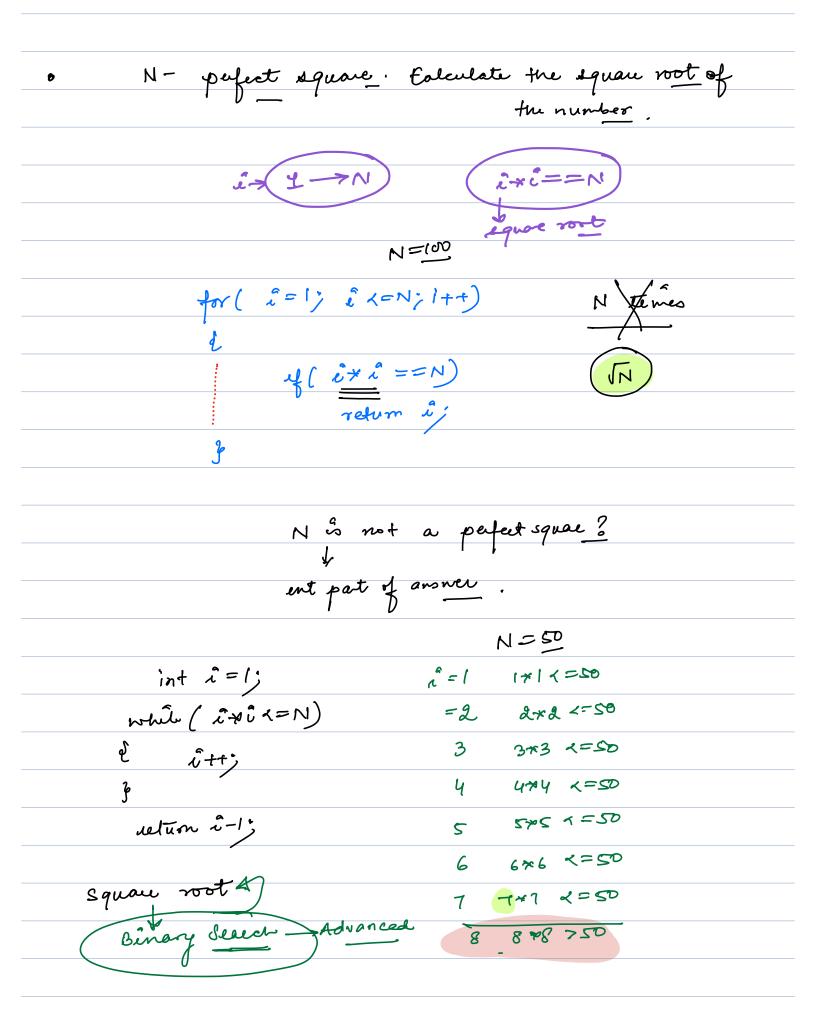
$$S = \pm +2 +3 + 4 + \dots + 99 + 100$$

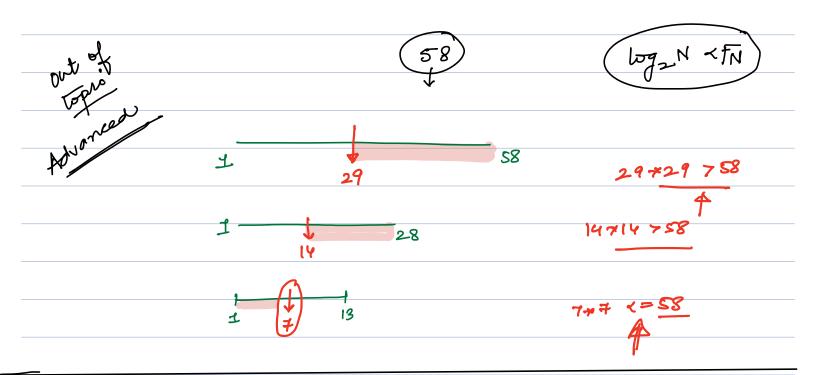
$$S = 100 + 99 + 98 + 97 + ... 3 + 2 + 1$$

$$2S = 101 + 101 + 101 - - - - 101 + 101$$

$$S = 1 + 2 + 3 \dots N - 1 + N$$

$$S = N + N - 1 + N - 2$$
 $f 3 + 2 + 1$





Log Basics

$$\log_{2} 64 = 6$$
 $\log_{2} 27 = 3$
 $\log_{3} 27 = 3$

$$\log_{5} 625 = 4$$

$$\log_{5} 625 = 4$$

