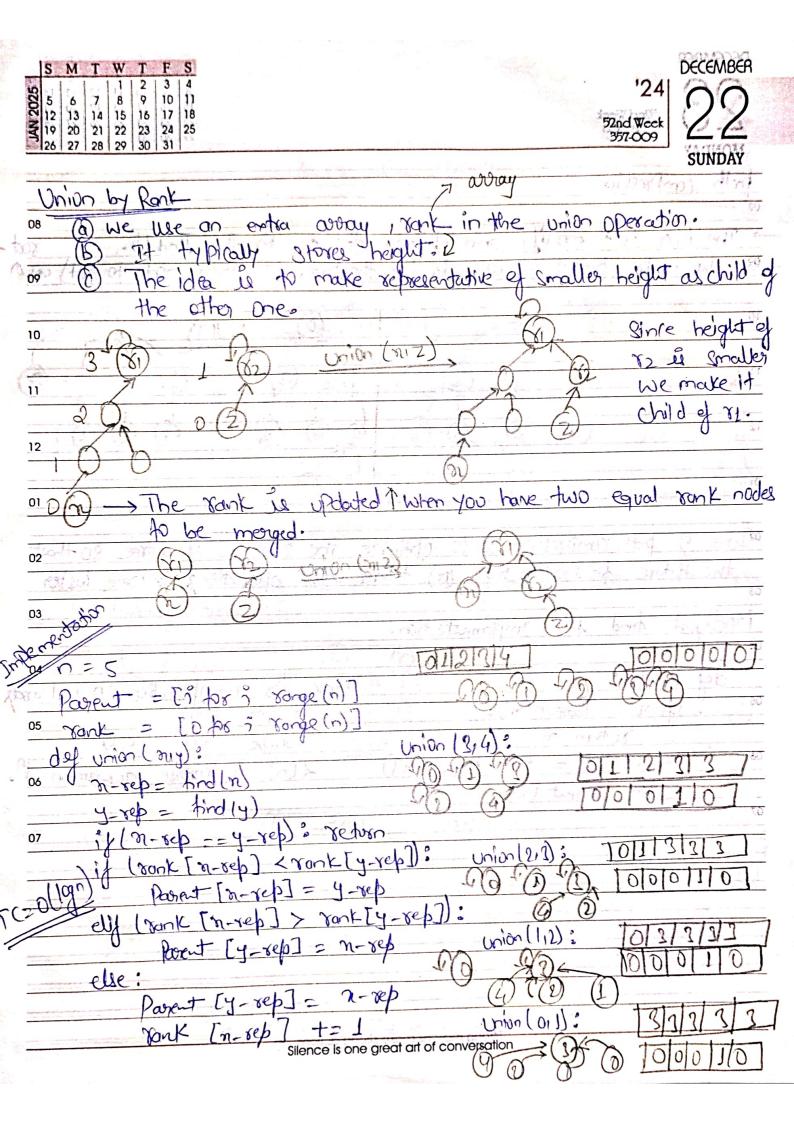
S M T W T F S    S M T W T F S	Digjoint-Ret	'24 51st Week 355-011	DECEMBER 20
7   26   27   28   29   30   31   12   Y()	V from		FRIDAY
-> A distoint set of	by structure conte used	in any Problem,	where we
08 have a lig univ	one loo set and we ha	we mutible sub	get glet
as distort sub	set ( NO two subject how	k anothing in com	mont
00 So if there is	an element of it below	igs to only one	subject (00)
one position	of your whole get.	<b>0</b> 1 97 7 3	
10	0 0		00000
e.g; consider that the	one are schilate in a	classicom namely	HIBICIDIE
11 they will be do	emoted as 5 different sul	ocety: (4), 16)	AC 1, 1Drigs
- How home Hoint of	time, It become torends	with B and C be	come triends
12 With D. Soft and B	will now belong to a s	some set and ca	10 17 MILL
now belong to ano!	then same let.		
and the Control of th	1 - 1212 to the k of	+ (AB) C	<del>D//</del>
02 if any form of the	ime, we want to check the	(E)	
Con Clubby Charles of	hether they belong to the So	me lets	
03	MONDY I'M BOILING IT TO SE	10 = Lary (1 Pen	(13)
F Those one two types a	of operation performed i	on disjoint set	Dada Structu
04a) whom (AB) ? Thus	operation tells us to mage respectively by paylaming	e the sets (ort	aining
elements of and B	yespectively by payoumin	g a union eperati	in on lete.
U5			
(B) Find (A): This ope	ration tells to find the s	about to which t	the element
06 A bel	orgs.		- 4
and the section	5 CO to Co Co	2 F Collaboration	7 38 - F
OT UNTON (O)	(1) (2) (3) (4)	A 15 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1	
	(0 6)	1. Can The 1 (ADA 1 / TOTA	CVIII A
(1) Union (0,2)	(012) (1) (3)	4)	AL ALAN.
find (a)	find (2) should beturn	lane Value.	OPO NAME
(2) Union (2,4)	(nd (2) 4 find (4) show	old yearn lame	Walvey o
1000 (Dro (U) 15	And (2) A pre cy 21100	The source of th	- Tunque

Study serves for delight, for ornament, and for ability

DECEMBER				And the second s	FS
O 1	1'24	18 To look Sport See	1	1 2 3 4 5 8 9 10 11 12	13 14 8
12(T)	51st Wock			22   23   24   25   26   3	20 21 <b>3</b> 27 28 <b>4</b>
+47	356-010			29   30   31	
SATURDAY			terow		hy both
3) min	(1,3)	1214) (113)	hould be	urion f fi	nd de
08 now	Kind W and Am	ITD Should redum	Same Valu	Wir Tober	90
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10 del	find (m):		0 (1)	(3) (4) and	itself.
3	i/   Borgat [72] =:	en:	1. 1.	union (2,4);	1
3) P	schin 25	wion (0,2	) , , , , , ,		
the	redon And Charle	at [m])   [0111013	19	001101310	71
12/	the the this	6	600	(A) + (A) + (A)	21
the same of the sa	nios (orig):	0	90	75	<u> </u>
	-rep = find (n)	(2)		(4)	01
7	-rep = And (9)	No. 1 - 1 - 1 - 1 - 1	- Alleria	Alton union	1 1
02	( n=rep == y-rep				, 50
03	Jehrn 17-2	7 (2-10)	3-89	n-reb)	
<u></u>	west [y_rep]=)	1-19	1		9-46
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	their stall all	0	(1)	0	1
05 00 .1	union is simply	, making once yell	exartative of	u Rosent of	(X)
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		7		10 01 0000	116
Allrad	onl	14 2 11 10 /2	1 4 1 /	1/ 1/ 1/100	
	material angular communication of the stall the	la de la companya de			
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di di		mion-tind algorithms	mesti	11 1 1 mm	
	and the second second	a Julia and Or and a specific and the second	_ =	The state of the s	was to say the say of
	YIM	ne unspoken word never does harn	Study serves		



DECEMBER 10 16 17 18 52nd Week 23 24 25 MONDAY path compression is to modify and obtimbe the tree in the find U. he make basent of all nodes lon the both from given node to root 10 11 5 (F) both compression is to obtimize the structure find operation (a) future union operations 03 Implementation. de find (n): m operation on nelements 05 = = barat [n]: (md/n Xetum Where 06 pagent [n] = Kind ( paget [m] ackrom an inverse. ze bin pagent [m] 07 Strong reasons make strong actions

SMTWT	F S			DECEMBER	1
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	NA CONTRACTOR OF THE CONTRACTO	What is it going	THY US	NA MINANT	1
08 C O2 1 00 KE	in in the second	tree of a graph	is a tree 1.	Lich Cornect	r all
08 Spanning tee	the view	tice in the op	marina Kee		
09	Topes	hould be still a	a bath dom e	very ventex to	any
	There s	ntex and it sho	uld be a tree.	which means	_/
10		ald not be an			对地
	TVD(C SI)	action only and an		No tool	
11 Spanning to	be of a graph h	with N votres	has (M-1	Edges.	11(0)
is lay second	tionsh and DE	Male, ad	to every ob	THE OWN A	
12 Minimum span	min trees -	A MST for	a weighted 1	connected 10	12
	undivert	ed graph is a	Spanning tree	with a weigh	<u></u>
01	less th	on (or) equal t	othe weight a	of even other	10
annual and sembles, an are proposed in a significant section of the section of th	Spann	ng tree.	U	Ketty or NO.	13
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The weight	el spanning ter	is the sum of	weight give	n to each Ede	125
03 of Manning	1 trees		V		EA
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os given g	<u> </u>		The state of the state of		
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6	6	5 6	(6)	R-0	5
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DECEMBER	S M T W T F S
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52nd Week	15   16   17   18   19   20   21   3   22   23   24   25   26   27   28   29   30   31   3   3   3   3   3   3   3   3
WEDNESDAY 360-006	29   30   31   85   85   65   92
SWALL A LIVER A	
	Spanning the Use the
1 08 g redy Approach.	-1 15 VARMOND 80
The Crosedy approach is to pick the smallest weight ed	ge that duent cause
or a cycle in the MST constructed so for.	V
a party replaced it should be a trick income or the	Control of the Contro
Steps and was all the trop as they detecting the	01
(1) Sort all Edges in increasing Order.	
D" Initalize: MCT = [], xes =0.	o st phosp u
(3) Do following for every edge E', while MST Size does	n't become V-1.
12 @ If adding e to MST does not cause a cycle	profession point
The order MST = MST U felow story of	
or ses = res + e-weight.	10
4) Return res.	
02	95
eg add (A)	le tape of six
03 / BCACAB	CORDECE
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04 (1)	3, - 41 2 70
A A A A A A A A A A A A A A A A A A A	the second
05 (A) T (Z D   E   eq E +	· V+EZ(V))
3/7 E = 0(E/QE)	
08 6	80
D D Auxiliany space: 0	(v)
or all we are not allowed to	
array, then anx space i	enlyte.
Wood) (it) our space =	181-2181
For Implementing Kruskal's Algo we will we I	Wordst et DC.
- Course it is vary to detect the cycle ingraph w	ing Distornates
For Implementation see that GPT	Annual of the second of the se
- 100 Milkingmond Sec Clay (1)	Appendix on the control of the contr
Sometimes gulet is disguleting	The state of the s