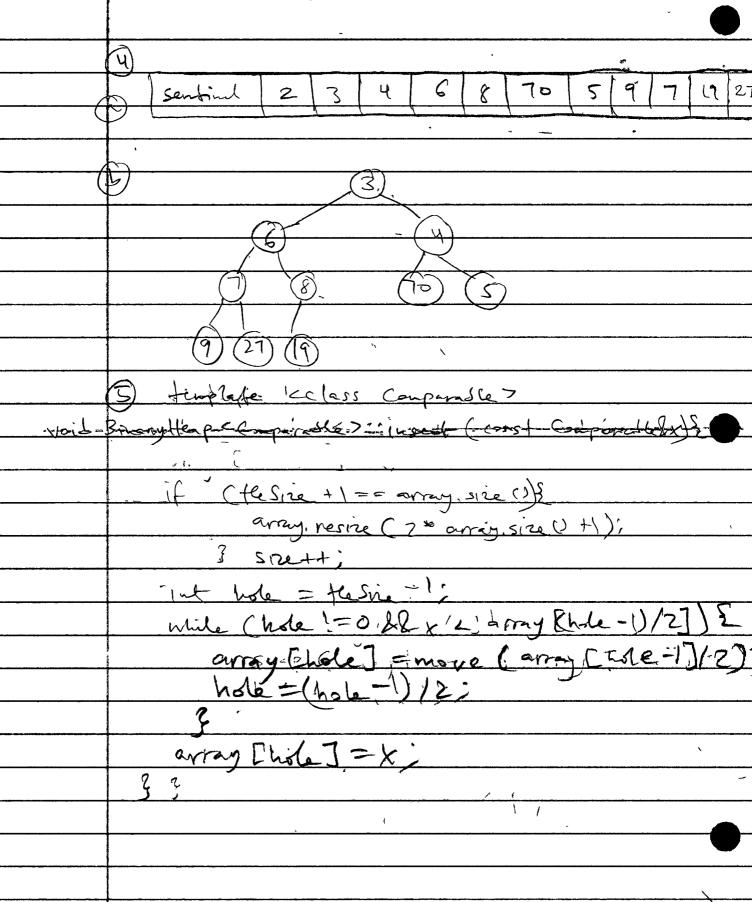
page 1

Mohammed Torlied Chambling mtc405@nynedi 1. O(n+K: log(n)) insert (x): 000) Helefe Min (): O(h) (1) find Min (): O(n) (90) (780 पड़ी 1000 190 (197 388 401 000 388 380 277 270 1500 399 43240 Page 2



	·						
	Sentinal 10/12/1/14/6/5/8/15/3/7/4/11/10/01						
	1 2 3 4. 5 6 7 8 9 10 11 12 17 W						
	Fenhal 10 12 1 3 4 5 0 15 14 7 6 11 10 8						
	sentual 10 12 1 2 4 5 0 15 14 7 6 11 10 8						
	sentine ( 10 3 0 12 4 5 1 15 14 7 6 11 10 8)						
	1 2 3 4 5 6 7 8 8 10 11/12 13 14						
Pr-3	sentruel 0 3 1 1 12 4 5 8 15 14 7 6 11 10,16.						
<u> </u>	Phase distance/pretecessor visitury queue						
	GABCDEF ,						
	mit 0/- 1/2 1/2 1/2 1/2 1/2 1/2 1/2 1/2 1/2 1/2						
	1 9- 16-12-12-12-16-FA						
	2 1 % 12 3 2 1/6 1 F. AE						
	3 9- 2 2 2 2 4 A, FE						
	4 % 1 1 1 3/E = 1/3 E D.						
	5 7- 6 0 0 0 E /a D BC						
	6 %- 1/6 7/6 7/6 3/6 3/6 1/6 B						
	7 % / 6 7 7 2 E / 6 C						
`	G->F->D-C						
	,						

fage y

	<b> </b>							
8.	LA	B	<u> </u>	EF	16:			
	AX	6	$\times$ 3	\ X	X			
	B 6	X	5 0	XX	X.	A		
	cX	15/1	H 12	18 ×	5			
	0 3	0/1	2 X	$\times$ 3	X			
	FI	X	18 X	XX	19			
	FX	IXIX	73	XX	14			
	GX	1 % 1 5	- 121	19/14				
,	A	TO BCG	) -> D	$(3) \rightarrow 1$	2(1)	,		
	9 +> A(6) => D(0) -> C(5)							
	$ \begin{array}{cccccccccccccccccccccccccccccccccccc$							
	$P \longrightarrow A(3) \longrightarrow B(0) \longrightarrow C(12) \longrightarrow F(3)$							
	6	2	8) -> 6					
	, F		(3) ->					
	6				> FC(Y)			
٩,	Phase				vs. k.	Discored.		
	٦. ٨		3 C D			1		
	init	0 00	1 1 1	1 1	₩	A		
	١	0 5/8	as 3	Avo	ю A	B, D, E		
	2	0 6/B	18 = 3/A	XA Só	É E	BDCE		
	3	0%	12/13/	1/A 3/0 a		B. C. Co. F		
	4	0 %	3/5 8/A	1/A 3/0 00		CGF		
	5	0 %	5/13/1	- 3 14 - 3 14	1 1	B, C, G, F C, G, F C, G, F		
	b	0 %	18/2	4 3 5				
	71	0 0	5/0 3/4	1 / 1/2 /2	S			
Ao	~ A to	Co	A D B					
1						×		

10 use an array to show the different pates
from v to w, when a new shortest path to found plate the away 1-5 Dististras algorith