7	21103262 0				
	Data Structure (Tutorial -6)				
	1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1				
mil	Given arx[] = (54, 26, 93, 17, 77, 31, 41	,55,	<b>1</b> 0)		
AM	Tidan 1-23-				
	© 54%.11 = 10	-	7 - 1		
	111) 26 1/11 = 4 0	77			
	(iii) 93 % 11 = 5	44			
	ON 17 1/1 = 6	72			
	$\frac{(y)}{(y)} \frac{77}{1} = 0$	20			
	vi) 31 1/2 11 = 9	24			
	(vii) 44% 11 = 0 next 1 5	93			
	(iii) 55 %. 11 = 0 next 2 A	17			
	(1x) 20 %- 11 = 9 Vocant 3 7				
	8				
	9	31			
	10	54			
	27 % 13 =1 : (c) 1,0				
_this 2.	130 % 13 = 0				
	150 74 16				
	(i) 1/3 % 11 = 3 0 1 2	3	4		
AN.3	11 113 /4 : :	113,	114, —, 116, 117,		
= = =	(1) 17 2 11 = 9 105,97,				
	(11) 11 /2 11				
	(iv) 100 % 11 = 1 (v) 114 % 11 = 4 : (B	)			
	(1) 114 /2 11				
	(vi) $108 \% 11 = 9 \rightarrow 10$ (vii) $114 \% 11 = 6$		•		
	0 . 7 . 9				
	(ix) 99 % 11 = 0		£5		
	o the Lunction of	gen	evicting hash		
TOR 8.	This function is performing the function of generating hash keys for string values for hash table size 6.				
_	keys for string values you room				
	, 0				

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	i there are	Page: — 0			
	to a color rus 1	21, 200			
	for ex: abcd (string) $h = 2 # 97 + 98 + 3 * 99 = 194 + 98 + 297 = 589$				
	will seturn h % 6 j.c 589 % 6 = 1 (hash ke				
		V resulting			
Ans.5.	I → (4,5,15,20), 25 (Search)	Size = 10			
		4 2 11 11 21			
	4%10 = 4	一里 一 一			
	5%10 = 5	7 7 9 1 15			
	15% 40 = 5→6	11 11 E- 1-11			
11.77	olo % 10 = 0	· = 11 A + 150			
	5)				
	not found as 15 is there				
	next cheek 6 Still not found				
	next check at empty return "not found";				
12.1	I → (10,44,35,89,85) & D →	81			
	10 10 = 0 -1				
	44 %10 = 4 -5 - 6 -> 7	1 = 21 mg to = +			
	35% 10 = 5→6→7→8	(far all f			
	89 % 10 = 9				
	85% 10 = 5→5→7→8→9→	0 → 1 → 2			
, F, I,	D(89) = 89%10 = 9 (will fo	und at 89 & Hemoue it)			
_	I(19) & D(35) = 19%10 = 9				
	$\mathcal{D}(35) = 35\%10 = 5 \rightarrow 6 \rightarrow 7 \rightarrow$	8 (found & empty at 8)			
		= 11 7 - 4-71 "			
		= 9 1			
	20 10 85 4 5 15 4	1 89 → hash table			
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