Assignment : 03

DSA VI

F2022266684

Igra Shafigy

Q#1

1 insent 6:

H₁(b) = 6 Mcd Π = 6

6 -> index b

@ Insert B:

HIL13)=13 Mod 17=13

13 -> 13 index

(3) Insert 17:

HI (17) = 17 mod 17 = 0

17 -> index 0

1 Index 21:

HIL21)= 21 mod 17 = 4

21 -> index 4

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In the resident Physiological Science of the second	H1(28) = 28 mod 11=11
· · · · · · · · · · · · · · · · · · ·	28 -> index 11
The state of the state of	
<u>(6)</u>	
	H1 (15) = 15 mod N = 15
	15-> index 15
6	
()	Insert 33:
	H1(33) = 33 mode 17=16
	33 -> index 16
-	Trant 12.
(8)	Insent 23:
	H1 (23) = 23 mode 17 = 6 -> already reg value
	$(12(23) = 1 + (23) \mod 13) = 11$
	(6+11)=17 17 mode $7=0$
	H ₂ (23)
	0+ 1 =1
	H ₂ (23)
	11+11=22 mode 17=5
, V	83 → inolex 5
	-1.5 / 1/10/4 1/2
9	Insert 32:
	$H_1(32) = 32 \mod 17 = 15$
	H2(32) = 1+(32 mod 13) = 7
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	32 -> inder 5
	$H_2(32) = 7$
	32 -) insert 12
(i)	Insert 22:
	$H_1(22) = 22 \mod 17 = 5$
	$H_2(22) = 1 + (22 \mod 13) = 16$
	$H_{2}(22) = (+(22 \text{ Moc})^{-13})$
	22 -> index 8
	22-) MICK
(D	Insert 3:
·	$H_1(3) = 3 \mod 17 = 3$
•	3-7 index 3
value (1)	Insert 37:
	H1 (37)=37 mod 17=3
	H2 (37) = 1+ (37 mod 13) = 12
	$H_2(37) = 12$
	37-) incles 10
	Final Hash table:
	0 1 2 3 4 5 6 7 8 9 10 11 12 13 14 15 16
	23 3 21 32 6 22 37 28 32 13 15 33
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Distriction of the contract of	