poblem hain_sup=3) Hash function = (ixi) mod 16 T, = {1,2,3} ; Ts = {2,3,4}; T3 = \$3,4,5} Ty = {4,5,6} : T = {1,3, r}; 7 = {2,4,6} 77 = 5 1,3, Wy : Te= 5 2,4,50; Tq= 53,4,6) TO= \$1,2147, T11= \$2,3,5}; TIL=\$3,4,6} を11、213,4,5,4 I three (ount 2-> 6 (tombin 2) 5 --> 5 1 -> L $T_1 = \frac{1}{3}(1,2),(1,3),(2,3) = (2,3,3)$ 72 = 377 { (273) 1/2 (31.41) = (3,75,5) J= 3 (2m), (3,5), (4,5) = (5,3,3) Th= & (41) , (41) = (3,4,1) Ts = { (1.3), (1.5), (3.5) / = (3,1,3) 7=3(21) 1616) (41,4) Ti= { (1.3) ((14) ((3.4)) = (3,2) 5) Te={(21x) (215) (015)} = \ (4,2,3)/

Asgume => Hash function is not provided.

bucket.	I	2	3	Ч	5	6	7	8	9) io	7 n	Π¥
	0	٥	1/1/			O f		8	4/0		0	F
otron	RIZI											

, .

Hash function is given: Ersyme". 01 50m ([*i) (4,5), (4,6) (3/1) (3/5) (23) (214) med bought-3 3/x mox 10 S) (13)(416) (213) (214) (3.5) MON

Multistage RY Algorithm

$$T_{1}=\frac{1}{3}A_{1}B_{1}D_{1}, T_{2}=\frac{1}{3}A_{1}(iE), T_{3}=\frac{1}{3}A_{1}D_{1}$$

$$T_{4}=\frac{1}{3}B_{1}E_{1}, T_{5}=\frac{1}{3}A_{1}C_{1}D_{2}, T_{6}=\frac{1}{3}A_{1}B_{1}D_{1}E_{2}$$

$$T_{7}=\frac{1}{3}B_{1}D_{1}E_{2}, T_{8}=\frac{1}{3}B_{1}D_{2}^{2}$$

$$T_{8}=\frac{1}{3}B_{1}D_{2}^{2}$$

$$T_{8}=\frac{1}{3}B_{1}D_{2}^{2}$$

$$T_{8}=\frac{1}{3}B_{1}D_{2}^{2}$$

$$S_{8}D_{1}E_{2}^{2}$$

$$S_{8}D_$$

2= maplebule plan 12 Maphadure The plan shaplefull [[,10]]