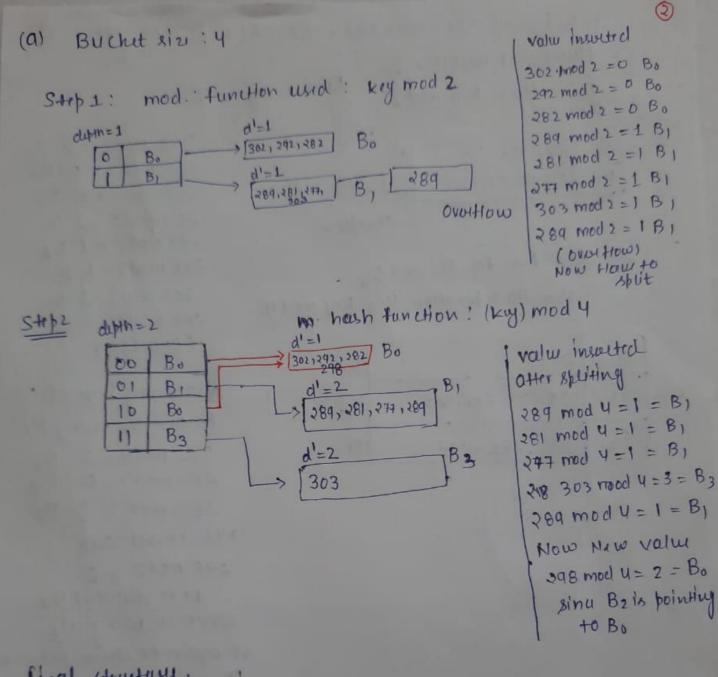
It is given that most of the user quodes involve the Author. Name and IOH BOOK NOW!

So, my can use first 3 when of the Book Name to design hash function.

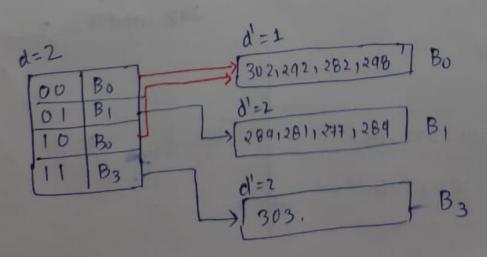
Hash function used Sum of ASCII Value of First from

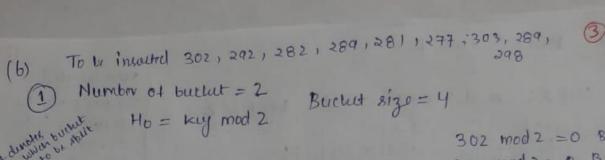
Book Arst 3 choracters	Assii Valu Binary
How	3.02 100101110
Se)	292 1100010000
Mal	282 10001000
Emo	289 1.00100001
Pha	281 100011001
Fan	277 100010101
Gui	303 100161111
The	289 100100001
	inniniDib
Mod	298

for finding Sum of Assuit Value we consider first letter contitod/secont uphancouse sust two in lower case.



final structure.

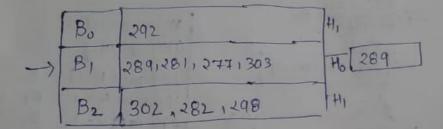




Bo 302,292, 282, Ho
B, 289,281,277,303 Ho 289

so split Bo to Bo and B3

New Hash function Hi = key mod 4



final

	Bo	292
4	BI	28912811277,303
	B ₂	302,282,298

302 mod 2 = 0 Bo 242 mod 2 = 0 Bo 282 mod 2 = 0 Bo 282 mod 2 = 1 B1 281 mod 2 = 1 B1 277 mod 2 = 1 B1 303 mod 2 = 1 B1 289 mod 2 = 1 B1 (0uufbw)

Arranging keys of Bo and Bz cusing H,

302 mod 4 = 2 Bz

292 mod 4 = 0 Bo

282 mod 4 = 2 Bz

Now I mod 4 = 2 Bz

Now I mod 2 = 0

It is dimuted Bo

which is using H1

so again to check between

Bo and Bz

298 mod 4 = 2 = Bz

9

(C) record < MMi-009; Mi 009_SOC, Maurin Minshy,

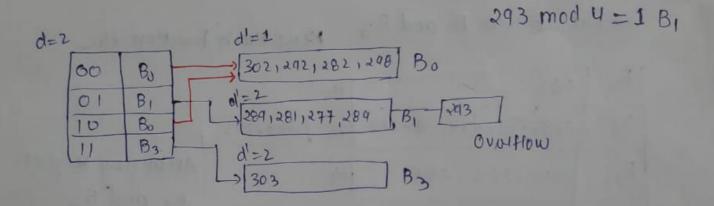
gociety of Mind>

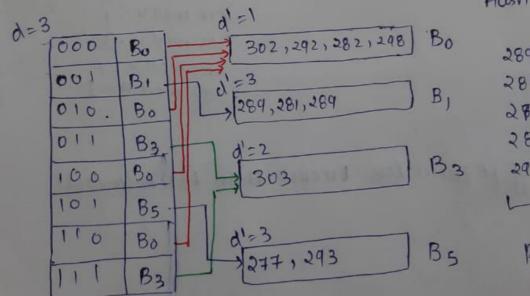
Book Hirst 3 chan Asseti Valin

Binary. 100100101

83+111+99 = 293 Soc

Adding into struction of Quiston (a)





Hash function: (huy) mid 8

289 mod 8 = 1 B1 281 mod 8 = 1 B1 287 mod 8 = 5 BS 289 mod 8 = 1 B) 293 mod 8 = 5 Bg Redistribution BIW B, and B3

(3)

Adding 293 in structure of Question 6.

	Bo	242	H,
->	B,	289,281,277,303	1, 289, 293
	B ₂	30212821298	H, Ovoltow

so split B, to B, and B3 New Hash tunction Hi

1 Bo	292	H,	
BI	289, 281, 277, 30% 289	FI (289 243 .
B ₂	302,282,298	HI	Arranging Keyl of Bi and B3
B ₃	303	11,	289 mod 4 = 1 B1
To be the second	Brank organia	-1	281 mod 4 = 1 277 mod 4 = 1
			303 mod 4 = 3 389 mod 4 = 1 293 mod 4 = 1

Comparison:

* Uman hashing ruquim hus bucket than the extendible hashing. only bucket medial

* No directory nucled in the out hashing inhouses d both directory and bucket huded in extendible houseing.