

organisasi file *Indexed Sequential* dengan metoda **Insert “Push Through”**, jika diketahui :

- *Key* = Nama (*Ascending*), Blocking faktor = 4
- Nomor awal blok di *Primary area* = 51
- Nomor awal blok di *Overflow area* = 81 dan

record pertama setiap block dipilih sebagai *Anchor point* .

DATA AREA							
Primary Area	Block	No record	Nama	No Test	JK	Overflow Ptr	
	51	1	A Cong	290229	P		
		2	Carudin	223774	P		
		3	Dewi Puspitasari	140311	W		
		4	Djoko	180001	P	81.2	
	52	1	Rian Aji Andriana	240698	P		
		2	Riska Pradani	191622	W		
		3	Sitorus	470328	P		
		4	Tini Hartini	491400	W	81.1	
	53	1	Yudi Susanto	292652	P		
		2	Yulia	263812	W		
		3					
		4					
	Overflow Area	81	1	Ujang	320151	P	81.3
			2	Fitria Mustika	330025	W	
			3	Widi Widadanti	471775	W	
4							
82							

INDEX AREA				
Level - 1				
Blok	No Record	Nama	Pointer to Block ID	
91	1	A Cong	51	
	2	Rian Aji Andriana	52	
	3	Yudi Susanto	53	
	4			
Level - 2				
Blok	No Record	Nama	Pointer to Block ID	
99	1	A Cong	91	
	2			
	3			
	4			

No Test HA (No Test)

774	4
25	3
311	3
229	9
698	5
400	4
622	6
151	8
812	9
328	9
1	1
652	3
775	5

Linier Probing / Linier Search

Home Address	No Test	Nama	JK	Next Pointer
0				
1	180001	Djoko	P	
2				
3	330025	Fitria Mustika	W	5
4	223774	Carudin	P	7
5	140311	Dewi Puspitasari	W	13
6	240698	Rian Aji Andrian	P	8
7	491400	Tini Hartini	W	
8	191622	Riska Pradani	W	10
9	290229	A Cong	P	11
10	320151	Ujang	P	
11	263812	Yulia	W	12
12	470328	Sitorus	P	
13	292652	Yudi Susanto	P	14
14	471775	Widi Widadanti	W	

EISCH = Early Insertion Standard Coalesced Hashing

Home Address	No Test	Nama	JK	Next Pointer
0				
1	180001	Djoko	P	
2				
3	330025	Fitria Mustika	W	10
4	223774	Carudin	P	13
5	240698	Rian Aji Andrian	P	7
6	191622	Riska Pradani	W	
7	471775	Widi Widadanti	W	
8	320151	Ujang	P	
9	290229	A Cong	P	12
10	292652	Yudi Susanto	P	
11	470328	Sitorus	P	
12	263812	Yulia	W	11
13	491400	Tini Hartini	W	
14	140311	Dewi Puspitasari	W	10

LISCH = Late Insertion Standard Coalesced Hashing

Primary Area	Key	Data lain	Ov Pointer
0			
1	180001		
2			
3	330025		15
4	223774	Nm, JK,...	16
5	240698		20
6	191622		
7			
8	320151		
9	290229		17
10			
11			
12			
13			
14			

Overflow Area	Key	Data lain	Ov Chain
15	140311		19
16	491400		
17	263812		18
18	470328		
19	292652		
20	471775		
21			
22			

Faktor alamat = 65%

LICH = Late Insertion Coalesced Hashing

Primary Area	Key	Data lain	Ov Pointer
0			
1	180001		
2			
3	330025		22
4	223774	Nm, JK,...	21
5	240698		17
6	191622		
7			
8	320151		20
9	290229		
10			
11			
12			
13			
14			

Overflow Area	Key	Data lain	Ov Chain
15			
16			
17	471775		
18	292652		
19	470328		
20	263812		19
21	491400		
22	140311		18