

66 Secondary Indices or Non Clustering Indices.

Secondary Indices are those Indices whose Search Key Specifies an order different from the Sequential Order of the files.

As the main file is ordered file and we can create index of this file choosing any attribute as a Search Key.

Secondary Index File

Secondary Index Key attribute value	Block Address
Lname	Block No
Aaron	4
Abbot	1
Acosta	n
Adams	4
Akers	1
...	

Allen	5
Ali	5
...	
...	

Wong	2
...	
Zimmer	5

Main File

	Lname	SSN	Job	Salary
Block 1 →	Abbot	1001		
	Akers	1002		
	Anders	1008		
Block 2 →	Alex	1024		
	Wong	1055		
	Atkins	1086		
Block 3 →	Arnold	1197		
	Nathan	1208		
	Jacobs	1239		
Block 4 →	Anderson	1310		
	Adams	1321		
	Aaron	1412		
Block 5 →	Allen	1413		
	Zimmer	1514		
	Ali	1615		

Block n →	Acosta	2085		

