

NAME:

	at start	step 1	step 2	step 3	step 4	step 5
99	<i>empty</i>					
100	file1					
101	<i>empty</i>					
102	<i>empty</i>					
103	<i>empty</i>					
104	file2					
105	file2					
106	<i>empty</i>					
107	<i>empty</i>					
108	<i>empty</i>					

INDEX FILE -- each row represents an entry in the index file.

HARD DRIVE -- each column represents a block on the hard drive.

	99	100	101	102	103	104	105	106	107	108
start		1				2				
step 1										
step 2										
step 3										
step 4										
step 5										

initial situation:

file1 in 100 .8 blocks

file2 in 104,105 1.2 blocks

for each step show ONLY

what has changed

steps:

1. Save: file3 1.5 blocks

2. Delete: file1

2. Save: file4 3.1 blocks

4. Delete: file3

5. Save: file5 2.2 blocks