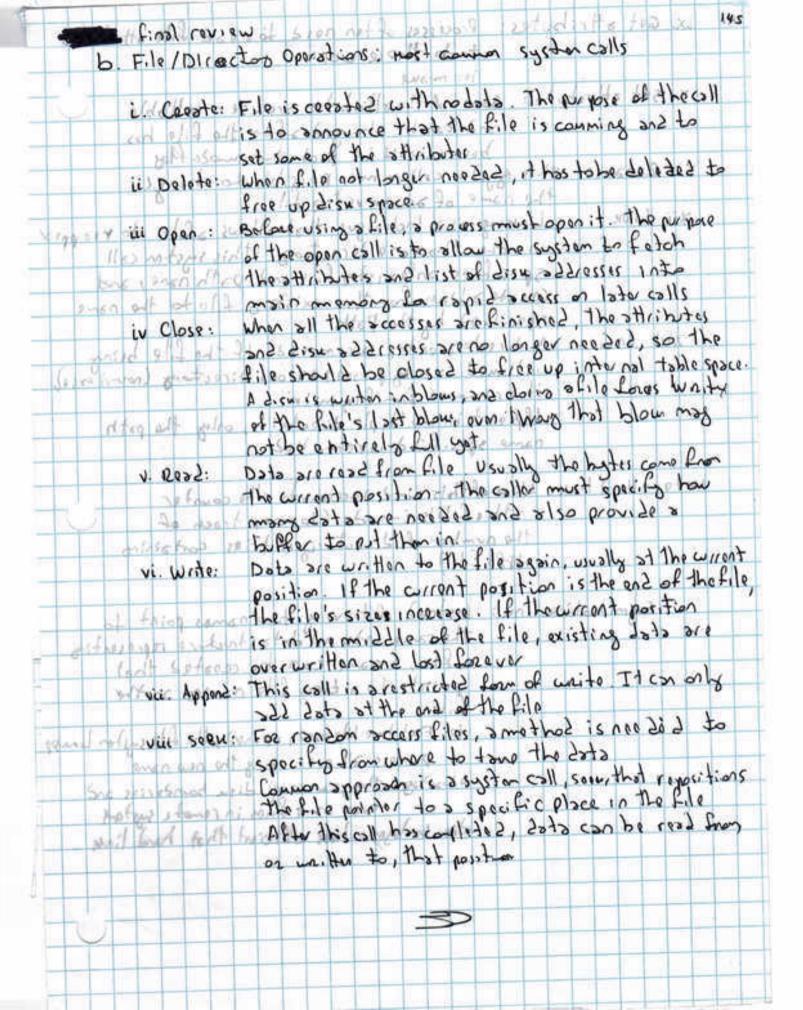
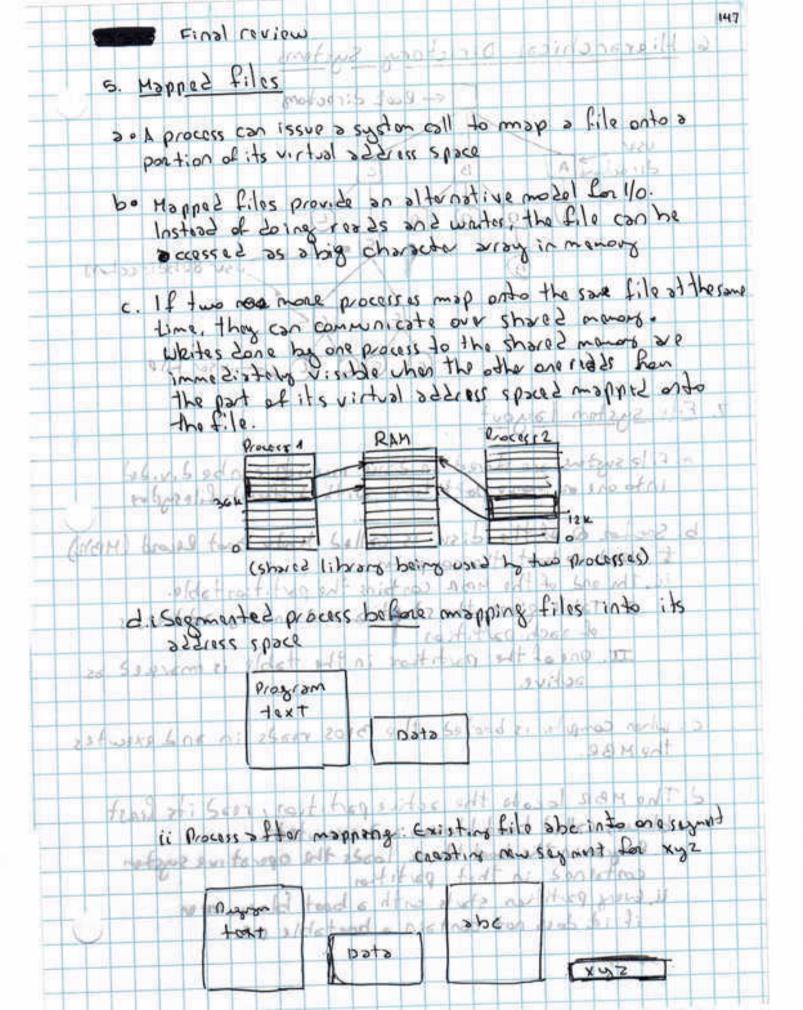
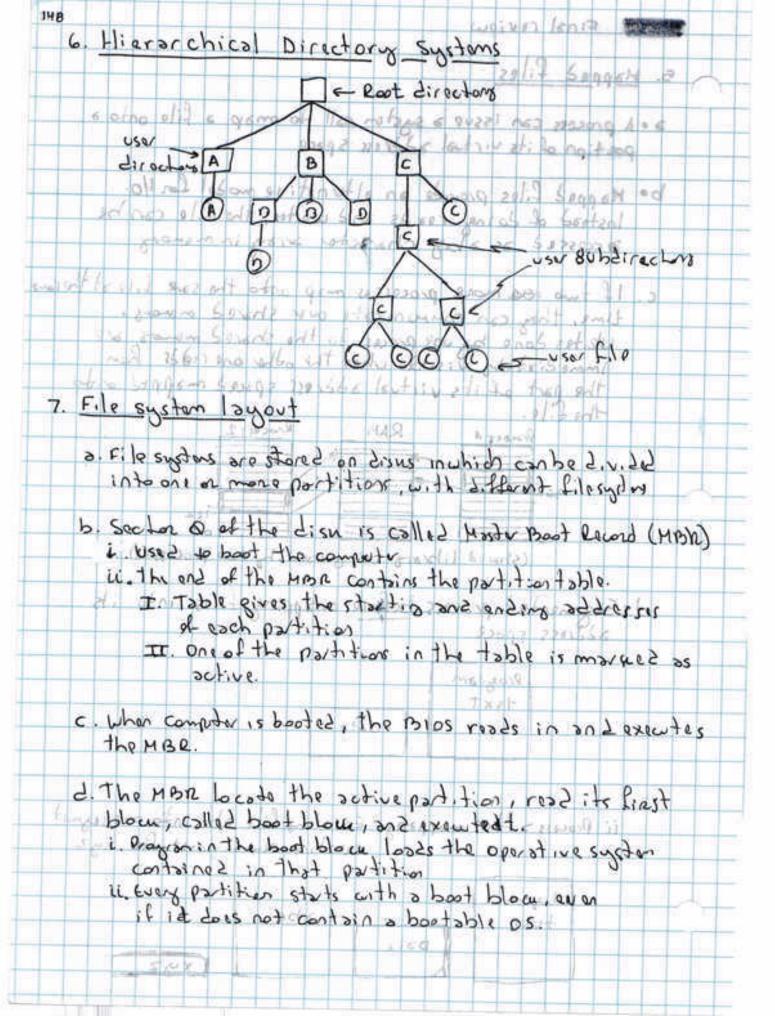


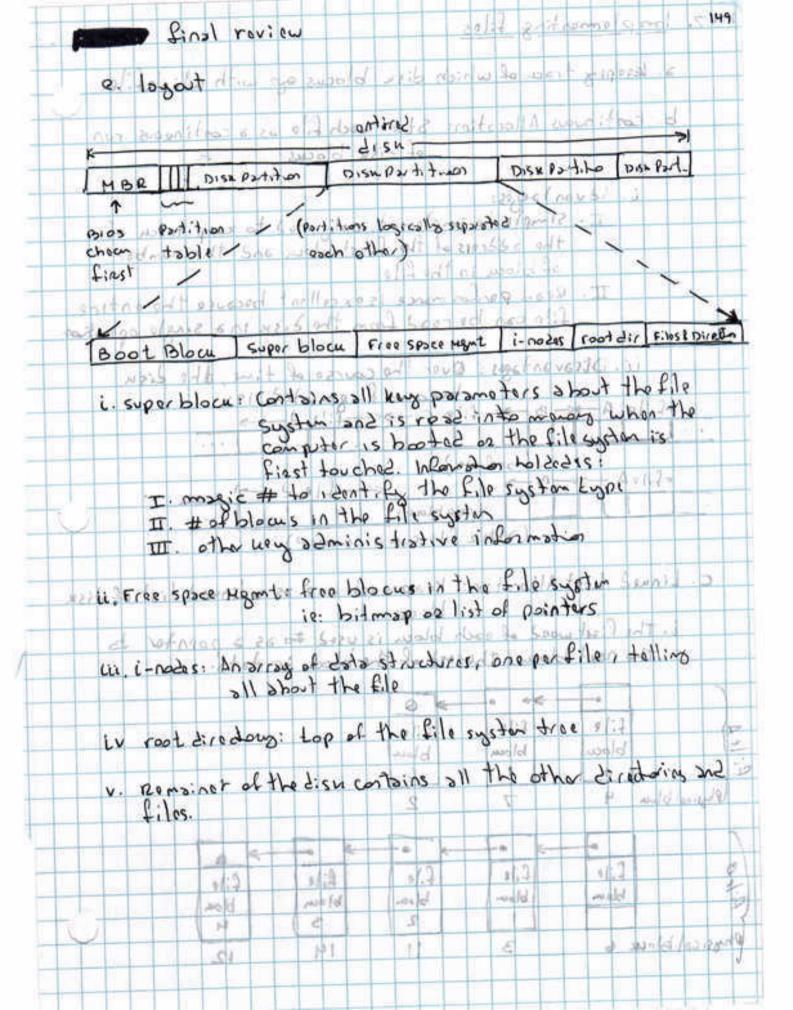
4 b.	Random Access:	Possible to Read & file out of order, or
		scears records by you rador than by
		position lie open, June to pento at the hill, del
1 3	i. Bytos / Roconds	rood in amorely and and and
	a. Essortial Lon	do to base synthes afore and a social and a dela
	ui - Road can be	- got avviva trum 6 mote to team and at the
	I- Move file	onruer (soce), then and so de
it m	506 509 IT	thornwere file moves and 16+14 A
		SALVE TO THE SALVE
4. Co	moran file attribut	tes and Operations
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a. I	Even file by a	name and its 20to. All Oss associate other
	الحب معنف معالم	each file such as date and time filo was
	lact and dellace	size of file. Me coll there extra informato
	the file the	111. as we 49 5079
₺_	Attribute	a file Attributes was a material d
7	Protection	Meaning To
2	The second secon	Who can accoss the file and in what way
+	Password A	Password noveled to accors the file
4.10 R.0	Creston	10 of the person who coexted the file
_ ¥	Owner Fass	Current owner
611	Road only flax	Ofor Road /write; I for ead only
-	Hidden flag	O for nor - 1 fitter: 1 for do not sheet, spin an listed
	system flag	O Con nound film; I Los systemfile
the Can be to the stand	Acchiveflage 4	O father hear brandury of landers to be brusdur
	ASCII/binan flay	0-asc11 (1-binarfile
	Roman Acuts Play	0- Reader Servencial secons only 11- Fandom secons
	temporal florg	0 - worms /1 delete file or process exit
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	earned length	# of hyter in rocard
	Key position	Offset of the ke of within each record
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	Creston time	Date Ltime the file as cristed
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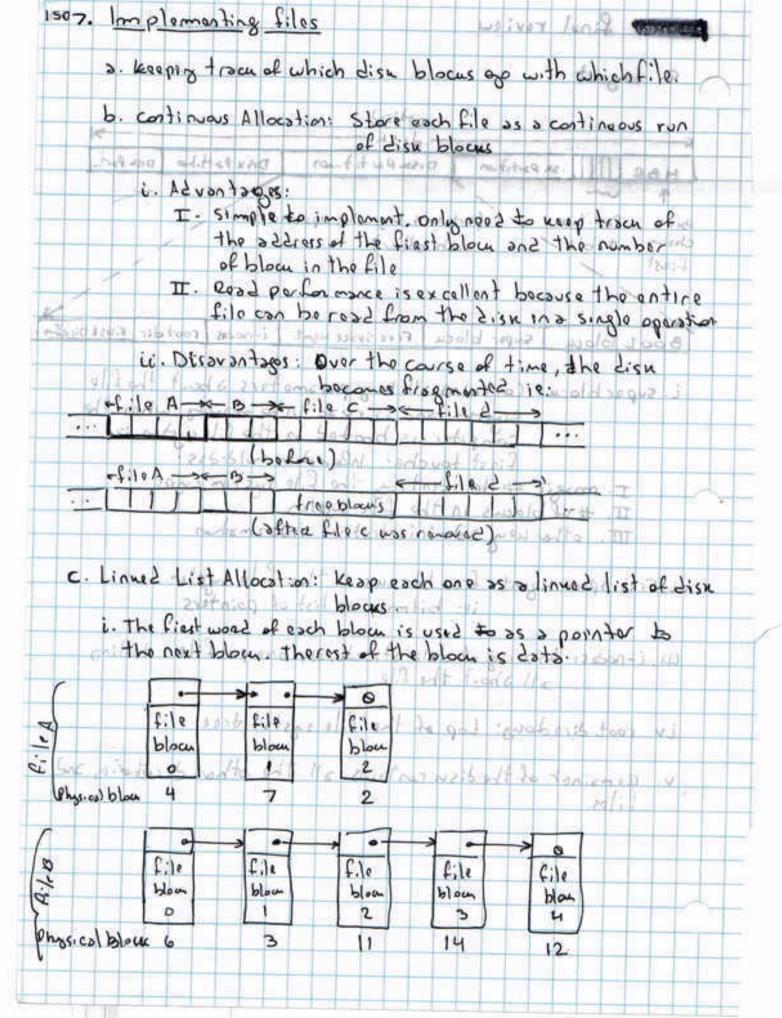


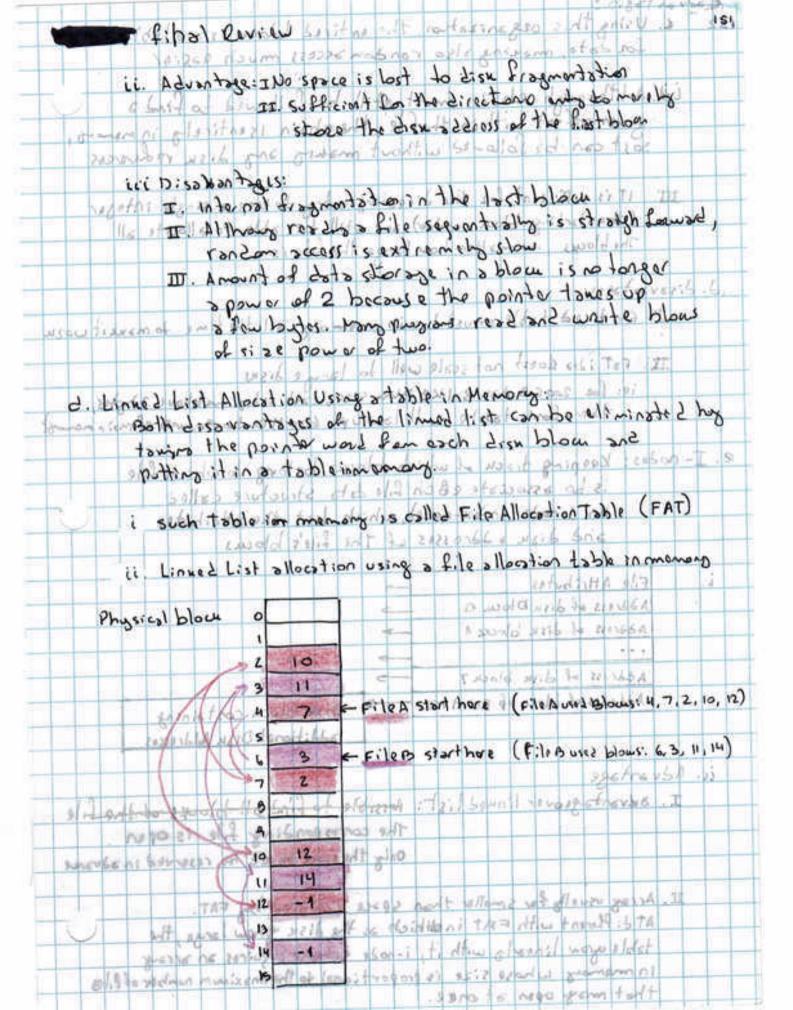
ix. Got officibutes: Processes often nois to road like attacks to do their worked - for 101 of 16: W. SW6 x set attributes Some of the ottobates scouser settable been created is protection mora flag xi consme this gyder con me possible to change the name of an existing file xic Link : Linking is a technique that allows a file to reappear in more than one directory. This system call specifies an existing file and path nane, and conste a line from the existing floto the name space Red by the Poth xill unrink: A directory on try is removed of the file being (nound orse), would be citis ramoved from filg systma. Afgresont in my thiple directories, only the path name specified is romo Ved Note: . Hard link: Aliac of this wind incommits the counter or sinthe file's i-no 20 (to woop trock of the number of Lirectoria entries containing the File) at Symboliculinu: Instoad of having two names point to
the same internal data structure represents tell seteppo od nos sener & , sile e points to a tiny file names another ie: First two file uses, opened, the fle syster lange process all over using the new name Advantages: They can choss dish boundaries and even nome files in remote systems Zisabolyes: loss efficient that had line











I Using this organization, the entired blow is available for data, making also random access much easier I Althrough chain must still be followed to find a given off sot within the file, the chain is entirely in memory, soft can be followed without mound any dish redirects III. It is sufficient for the directory entry to knop a single integer (the starting block number) and still be able to allocate all The blocks , no mother how large the file is in girovant you I Entired table must be in memory all the time to make it work IT I Fot i 200 doest not scale well to large disw ie: for 200 GB dish & IKB Blow size, each entry methode 3 highes, The fore table will tour up 600 MD Lo Booms of moin monos e. I - nodes: Keeping from of which blows belong to which file is Lo associate eBch file data structure called an i-node (index-node), which list the ottobutes and disk addrosses of the file's blows File Attributes Address of disa blow a Address of disk block 1 Address of disk block 7 (s) of s T Address of block of point eres Disk block containing Additional Disu Addresses 5 vn 1 = 12 5 9 17 -3 ic. Advantage I. odvantageover linual list: i-node need only be in mamony where The corresponding file is open Only the spreament be reserved in severe II. Array usually far smaller than space occupied by FAT. At different with FAT induhich as the disk grow large, the table grow linearly with it, i-node schools requires an arrang in mamony whose size is proportional to the maximum number of files that may open at once.