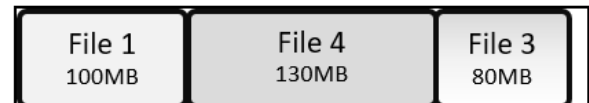
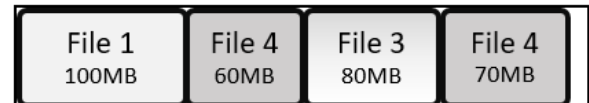
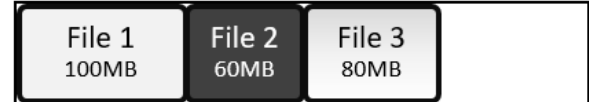


## Software: Utilities

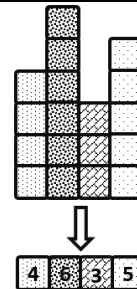
A	Utilities	
<b>Anti-malware (software)</b>	Software which prevents malicious software entering the system, identifies it when it is there and removes it	
<b>Auto update</b>	A utility which makes sure the utilities are up to date	
<b>Backup</b>	A copy of data and programs in case they are lost	
<b>Compression software</b>	Software which removes redundant data to reduce file size	
<b>Defragmentation</b>	Reorganising each file on a hard drive so it is all stored in one place, reducing the time the heads have to spend moving around	
<b>Disk check</b>	Search the hard drive for bad links and record those areas as unusable	
<b>Encryption software</b>	Software which encodes data to be stored or transferred	
<b>System cleanup</b>	Identify and remove unused or redundant files	

C	Backup Types	
<b>Full backup</b>	All files and folders are copied when backing up	
<b>Incremental Backup</b>	All changes since the last incremental backup are saved. To restore, start with the full backup and then restore each incremental backup successively	
<b>Differential Backup</b>	All changes since the last full backup are saved. To restore, start with the full backup, then restore the latest differential backup	
<b>Backup plan</b>	A scheme of when and how to back up data	

B	Fragmentation and Defragmentation		
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B	Compression	
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1	1	0	0	0	0
1	1	0	0	0	0
1	1	1	1	1	1
1	1	1	1	1	1
1	1	0	0	0	0
1	1	0	0	0	0



1	0	0
1	1	1
1	0	0

D	Prior Knowledge
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Operating System

Utility

Compression

Encryption

Malware