1 Hardware Properties of the Memory Device

Information	Offset (decimal)	Value
Device name	43	”NO NAME ”
Serial number	39	464598564
Filesystem type	54	”FAT12 ”
System identifier	3	MSDOS5.0
Media descriptor	21	0xF0 (floppy)
Bytes per sector	11	2
Number of reserved sectors	14	256
Number of sectors per allocation	13	1
Number of sectors per FAT	22	2304
Size of the device (bytes)	?	179184
Number of sectors per track	24	4608
Number of heads or sides on the diskette	26	512
Number of hidden sectors	28	0
Start of Bootstrap routine	1	60
Number of FAT	16	2
Offset to start of FAT(s)	-	512
BIOS boot Signature	510	0x55AA
Root Directory Offset	-	9728
Offset to data area	-	16896
Additional Information of interest you find		

Note: Seems like the bytes 11 and 12 got mixed up. If they were in reverse order the sector size would correctly be 512 bytes, instead it is 2 bytes.

2 FAT Investigation

Find out where the virus has corrupted the FAT tables and suggest a way to correct it.

3 Investigation of Directories

For each directory fill one of these:

Information	Offset (Size)	Value
Directory/File Name	?	?
Attributes	?	?
Creation Time and Date	?	?
Last Access Date	?	?
Time and Date Stamp	?	?
Clusters Chain in FAT	?	?
Absolute Offset	?	?
Size of the file	?	?

Also find and analyze the anomalies.

4   Attack on Zip-archive