문제 7.

7. MD5 해시값이 '72c405d49e367e70acf6590d0121a66e'인 파일을 찾고 해당 파일의 ① 시그니처 ② 파일의 크기(Logical) ③ 파일이 시작되는 위치의 섹터 ④ 시간정보 값을 기술하라.

파일명	20101205_설명자료_자동차온실가스기준2.hwp
저장위치	/img_파티션복구_RAW_시나리오1_변속기기술유출.001/vol_vol3/정부사업/
시그니처	D0 CF 11 E0 A1 B1 1A E1 (HEX)
파일의 크기(Logical)	41,472 Bytes
파일이 시작되는 위치의 섹터	4,104,368
시간정보	Modified: 2018-10-09 16:27:40 KST Accessed: 2022-10-12 00:00:00 KST Created: 2022-10-12 17:23:00 KST
Hash Value(MD5)	72c405d49e367e70acf6590d0121a66e
특이사항	자동차온실가스기준 환경부 설명자료

Metadata

Name: /img_파티션복구_RAW_시나리오1_변속기기술유출.001/vol_vol3/정부사업/20101205_설명자료_자동차온실가스기준2.hwp
Type: File System
MIME Type: application/x-hwp-v5
Size: 41472
File Name Allocation: Allocated
Metadata Allocation: Allocated
Modified: 2018-10-09 16:27:40 KST
Accessed: 2022-10-12 00:00:00 KST
Created: 2022-10-12 17:23:00 KST
Changed: 0000-00-00 00:00:00
MD5: 72c405d49e367e70acf6590d0121a66e
SHA-256: 716e898e9a7a24a5a3abfc73f9e08cbc60c241d144777ccb23b903664efc5bad
Hash Lookup Results: UNKNOWN
Internal ID: 20576

From The Sleuth Kit istat Tool:

Directory Entry: 521
Allocated
File Attributes: File, Archive
Size: 41472
Name: 201012~1.HWP

Directory Entry Times:
Written: 2018-10-09 16:27:40 (KST)
Accessed: 2022-10-12 00:00:00 (KST)
Created: 2022-10-12 17:23:00 (KST)

Properties

Name	20101205_설명자료_자동차온실가스기준2.hwp
File Class	Regular File
File Size	41,472
Physical Size	45,056
Start Cluster	8
Date Created	2022-10-12 오후 5:23:00
Date Modified	2018-10-09 오후 4:27:40
Actual File	True
Start Sector	4,104,368
Date Accessed	2022-10-12
DOS Attributes	
8.3 Short Filename	201012~1.HWP
Hidden	False
System	False
Read only	False
Archive	True

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0000  D0 CF 11 E0 A1 B1 1A E1-00 00 00 00 00 00 00 00  ÐÏ.à¡±.á........
0010  00 00 00 00 00 00 00 00-3E 00 03 00 FE FF 09 00  ........>...þÿ..
0020  06 00 00 00 00 00 00 00-00 00 00 00 01 00 00 00  ................
0030  00 00 00 00 00 00 00 00-00 10 00 00 2A 00 00 00  ............*...
0040  02 00 00 00 FE FF FF FF-00 00 00 00 01 00 00 00  ....þÿÿÿ........
0050  FF FF FF FF FF FF FF FF-FF FF FF FF FF FF FF FF  ÿÿÿÿÿÿÿÿÿÿÿÿÿÿÿÿ
0060  FF FF FF FF FF FF FF FF-FF FF FF FF FF FF FF FF  ÿÿÿÿÿÿÿÿÿÿÿÿÿÿÿÿ
0070  FF FF FF FF FF FF FF FF-FF FF FF FF FF FF FF FF  ÿÿÿÿÿÿÿÿÿÿÿÿÿÿÿÿ
0080  FF FF FF FF FF FF FF FF-FF FF FF FF FF FF FF FF  ÿÿÿÿÿÿÿÿÿÿÿÿÿÿÿÿ
0090  FF FF FF FF FF FF FF FF-FF FF FF FF FF FF FF FF  ÿÿÿÿÿÿÿÿÿÿÿÿÿÿÿÿ
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00b0  FF FF FF FF FF FF FF FF-FF FF FF FF FF FF FF FF  ÿÿÿÿÿÿÿÿÿÿÿÿÿÿÿÿ
00c0  FF FF FF FF FF FF FF FF-FF FF FF FF FF FF FF FF  ÿÿÿÿÿÿÿÿÿÿÿÿÿÿÿÿ
00d0  FF FF FF FF FF FF FF FF-FF FF FF FF FF FF FF FF  ÿÿÿÿÿÿÿÿÿÿÿÿÿÿÿÿ
00e0  FF FF FF FF FF FF FF FF-FF FF FF FF FF FF FF FF  ÿÿÿÿÿÿÿÿÿÿÿÿÿÿÿÿ
00f0  FF FF FF FF FF FF FF FF-FF FF FF FF FF FF FF FF  ÿÿÿÿÿÿÿÿÿÿÿÿÿÿÿÿ
0100  FF FF FF FF FF FF FF FF-FF FF FF FF FF FF FF FF  ÿÿÿÿÿÿÿÿÿÿÿÿÿÿÿÿ
0110  FF FF FF FF FF FF FF FF-FF FF FF FF FF FF FF FF  ÿÿÿÿÿÿÿÿÿÿÿÿÿÿÿÿ
0120  FF FF FF FF FF FF FF FF-FF FF FF FF FF FF FF FF  ÿÿÿÿÿÿÿÿÿÿÿÿÿÿÿÿ
0130  FF FF FF FF FF FF FF FF-FF FF FF FF FF FF FF FF  ÿÿÿÿÿÿÿÿÿÿÿÿÿÿÿÿ
0140  FF FF FF FF FF FF FF FF-FF FF FF FF FF FF FF FF  ÿÿÿÿÿÿÿÿÿÿÿÿÿÿÿÿ
0150  FF FF FF FF FF FF FF FF-FF FF FF FF FF FF FF FF  ÿÿÿÿÿÿÿÿÿÿÿÿÿÿÿÿ
0160  FF FF FF FF FF FF FF FF-FF FF FF FF FF FF FF FF  ÿÿÿÿÿÿÿÿÿÿÿÿÿÿÿÿ
0170  FF FF FF FF FF FF FF FF-FF FF FF FF FF FF FF FF  ÿÿÿÿÿÿÿÿÿÿÿÿÿÿÿÿ
0180  FF FF FF FF FF FF FF FF-FF FF FF FF FF FF FF FF  ÿÿÿÿÿÿÿÿÿÿÿÿÿÿÿÿ
0190  FF FF FF FF FF FF FF FF-FF FF FF FF FF FF FF FF  ÿÿÿÿÿÿÿÿÿÿÿÿÿÿÿÿ
01a0  FF FF FF FF FF FF FF FF-FF FF FF FF FF FF FF FF  ÿÿÿÿÿÿÿÿÿÿÿÿÿÿÿÿ
01b0  FF FF FF FF FF FF FF FF-FF FF FF FF FF FF FF FF  ÿÿÿÿÿÿÿÿÿÿÿÿÿÿÿÿ
01c0  FF FF FF FF FF FF FF FF-FF FF FF FF FF FF FF FF  ÿÿÿÿÿÿÿÿÿÿÿÿÿÿÿÿ
01d0  FF FF FF FF FF FF FF FF-FF FF FF FF FF FF FF FF  ÿÿÿÿÿÿÿÿÿÿÿÿÿÿÿÿ
01e0  FF FF FF FF FF FF FF FF-FF FF FF FF FF FF FF FF  ÿÿÿÿÿÿÿÿÿÿÿÿÿÿÿÿ
01f0  FF FF FF FF FF FF FF FF-FF FF FF FF FF FF FF FF  ÿÿÿÿÿÿÿÿÿÿÿÿÿÿÿÿ
0200  52 00 6F 00 6F 00 74 00-20 00 45 00 6E 00 74 00  R.o.o.t. .E.n.t.
0210  72 00 79 00 00 00 00 00-00 00 00 00 00 00 00 00  r.y.............
0220  00 00 00 00 00 00 00 00-00 00 00 00 00 00 00 00  ................
0230  00 00 00 00 00 00 00 00-00 00 00 00 00 00 00 00  ................
0240  16 00 05 00 FF FF FF FF-FF FF FF FF 01 00 00 00  ....ÿÿÿÿÿÿÿÿ....
0250  00 00 00 00 00 00 00 00-00 00 00 00 00 00 00 00  ................
0260  00 00 00 00 00 00 00 00-00 00 00 00 40 A3 27 F4  ............@£'ô
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