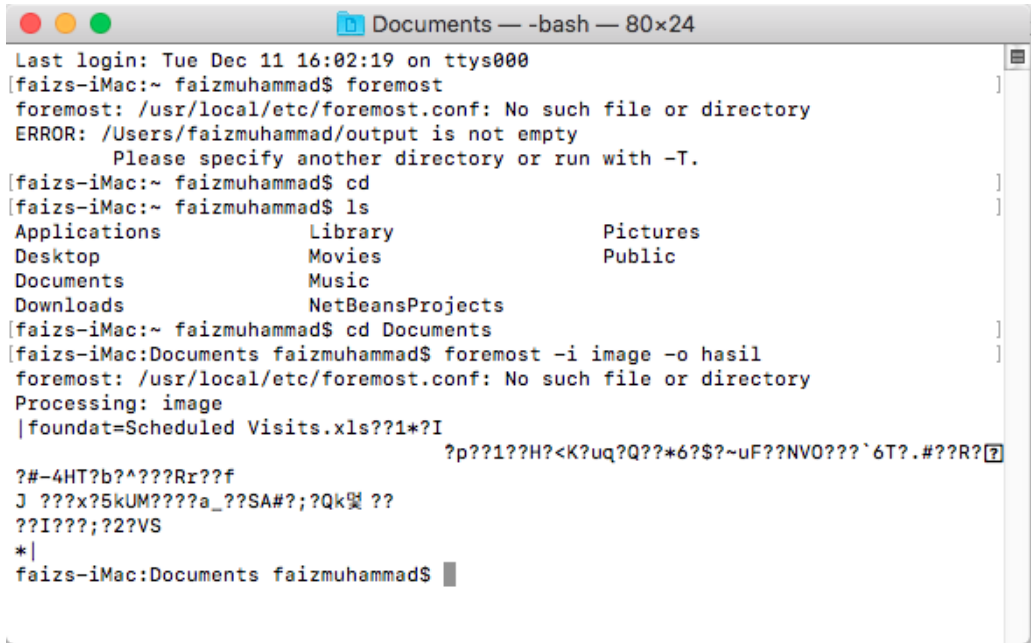


1. Kasus joe Jacob

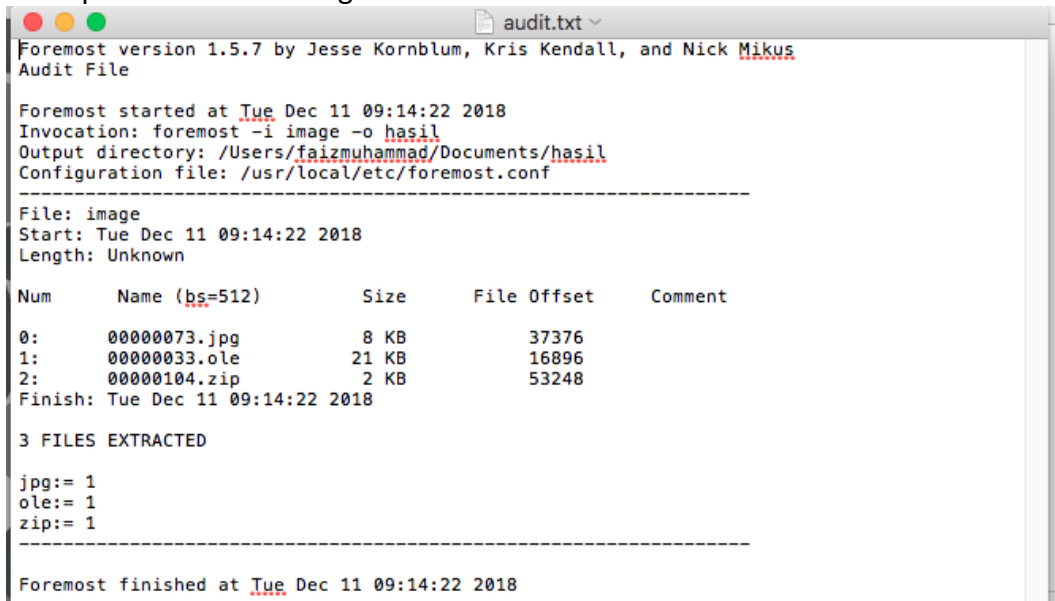
Alat yg digunakan : foremost, iHex, Autopsy
OS : MacOS High Sierra

- Gunakan foremost untuk melihat data2 dalam file image, output disimpan dalam folder "hasil"



```
Documents — -bash — 80x24
Last login: Tue Dec 11 16:02:19 on ttys000
[faiz-iMac:~ faizmuhammad$ foremost
foremost: /usr/local/etc/foremost.conf: No such file or directory
ERROR: /Users/faizmuhammad/output is not empty
Please specify another directory or run with -T.
[faiz-iMac:~ faizmuhammad$ cd
[faiz-iMac:~ faizmuhammad$ ls
Applications          Library                Pictures
Desktop               Movies                 Public
Documents             Music
Downloads             NetBeansProjects
[faiz-iMac:~ faizmuhammad$ cd Documents
[faiz-iMac:Documents faizmuhammad$ foremost -i image -o hasil
foremost: /usr/local/etc/foremost.conf: No such file or directory
Processing: image
|foundat=Scheduled Visits.xls??1*?I
?#-4HT?b?^???Rr???f
J ???x?5kUM????a_??SA#?;?Qk??
??I???;??VS
*|
faiz-iMac:Documents faizmuhammad$
```

- Terdapat 3 file dalam image



```
audit.txt
Foremost version 1.5.7 by Jesse Kornblum, Kris Kendall, and Nick Mikus
Audit File

Foremost started at Tue Dec 11 09:14:22 2018
Invocation: foremost -i image -o hasil
Output directory: /Users/faizmuhammad/Documents/hasil
Configuration file: /usr/local/etc/foremost.conf

-----
File: image
Start: Tue Dec 11 09:14:22 2018
Length: Unknown

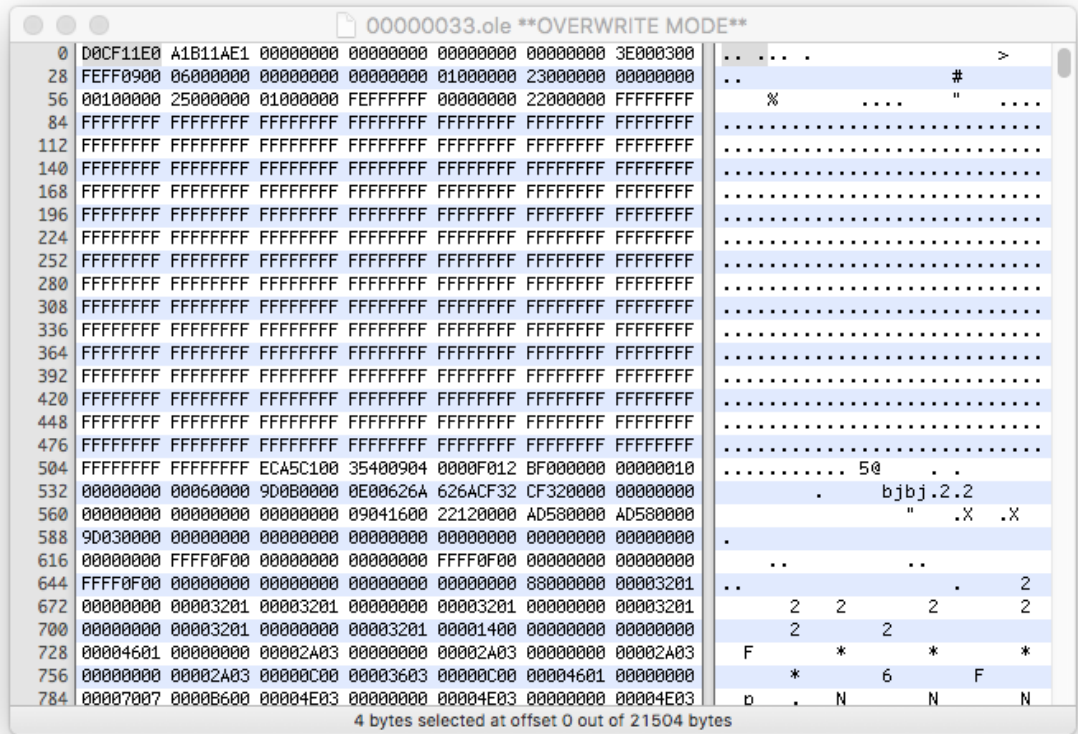
Num      Name (b5=512)      Size      File Offset      Comment
0:      00000073.jpg       8 KB      37376
1:      00000033.ole       21 KB     16896
2:      00000104.zip       2 KB     53248
Finish: Tue Dec 11 09:14:22 2018

3 FILES EXTRACTED

jpg:= 1
ole:= 1
zip:= 1

-----
Foremost finished at Tue Dec 11 09:14:22 2018
```

- Karena file .ole tidak dapat dibuka, maka dilihat dlu File signaturenya menggunakan iHex.



- File tersebut memiliki header untuk file office, maka dicoba untuk dibuka menggunakan word



- Terdapat pesan dari supplier joe, termasuk nama dan alamatnya.
- Selanjutnya pada cover page.jpg ketika dibuka dengan ihex terdapat "pw=goodtimes" yg kemungkinan adalah password yg disebutkan pada surat diatas.

- Selanjutnya file scheduled visit, ketika dicek signaturnya dengan ihex ternyata merupakan file zip.
- Ketika mencoba membuka file zip tsb, terdapat password, kemudian dicoba menggunakan password “goodtimes”
- Setelah dibuka, didalam file zip tsb diketahui sekolah2 lain tempat joe berjualan marijuana

1	Month	DAY	HIGH SCHOOLS
2	2002		
3	April	Monday (1)	Smith Hill High School (A)
4		Tuesday (2)	Key High School (B)
5		Wednesday (3)	Leetch High School (C)
6		Thursday (4)	Birard High School (D)
7		Friday (5)	Richter High School (E)
8		Monday (1)	Hull High School (F)
9		Tuesday (2)	Smith Hill High School (A)
10		Wednesday (3)	Key High School (B)
11		Thursday (4)	Leetch High School (C)
12		Friday (5)	Birard High School (D)
13		Monday (1)	Richter High School (E)
14		Tuesday (2)	Hull High School (F)
15		Wednesday (3)	Smith Hill High School (A)
16		Thursday (4)	Key High School (B)
17		Friday (5)	Leetch High School (C)
18		Monday (1)	Birard High School (D)
19		Tuesday (2)	Richter High School (E)
20		Wednesday (3)	Hull High School (F)
21		Thursday (4)	Smith Hill High School (A)
22		Friday (5)	Key High School (B)
23		Monday (1)	Leetch High School (C)
24		Tuesday (2)	Birard High School (D)
25	May		
26		Wednesday (3)	Richter High School (E)
27		Thursday (4)	Hull High School (F)
28		Friday (5)	Smith Hill High School (A)
29		Monday (1)	Key High School (B)
30		Tuesday (2)	Leetch High School (C)
31		Wednesday (3)	Birard High School (D)
32		Thursday (4)	Richter High School (E)
33		Friday (5)	Hull High School (F)
34		Monday (1)	Smith Hill High School (A)

soal:

1. Who is Joe Jacob's supplier of marijuana and what is the address listed for the supplier?

Jimmy jungle,

626 Jungle Ave Apt 2 Jungle, NY 11111

2. What crucial data is available within the coverage.jpg file and why is this data crucial?

Password : goodtimes, karena pass itu merupakan password untuk file zip yg berisi jadwal tempat berjualan joe

3. What (if any) other high schools besides Smith Hill does Joe Jacobs frequent?

Leetch High School, Birard High School, Richter High School, Key High School, dan Hull High School

4. For each file, what processes were taken by the suspect to mask them from others?

Jimmyjungle.doc -> dihapus

Cover page.jpg - > sebenarnya merupakan file jpg

Scheduled visits.exe -> sebenarnya merupakan file zip yg dipassword yang didalamnya terdapat file xls.

5. What processes did you (the investigator) use to successfully examine the entire contents of each file?

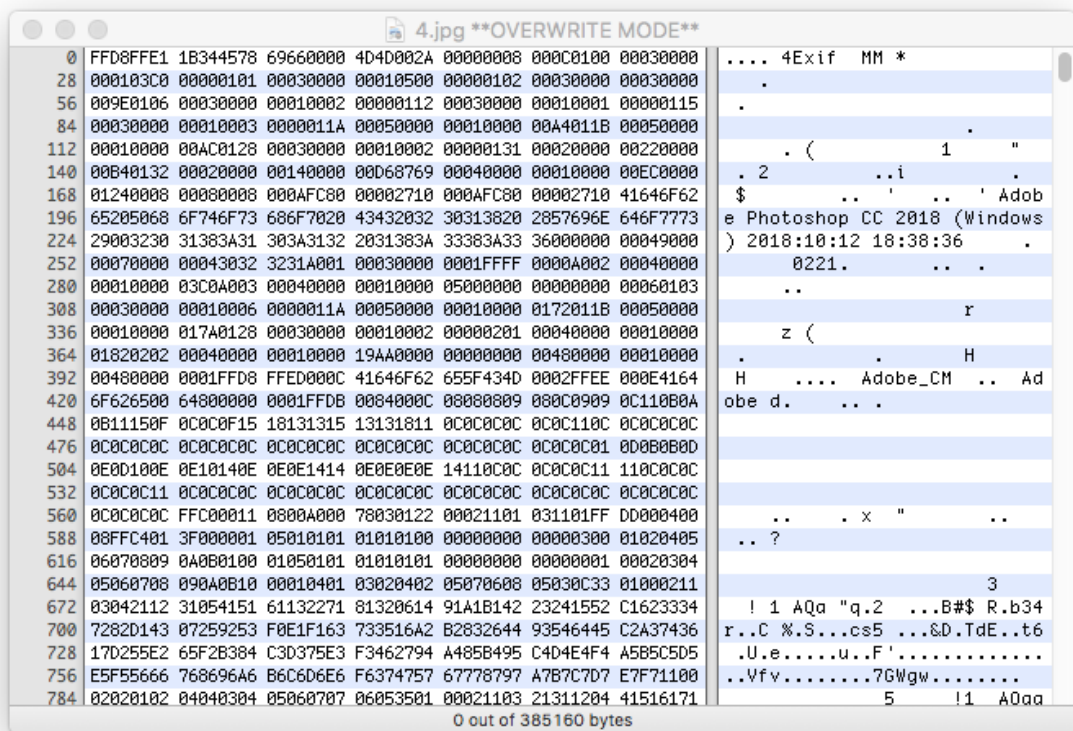
Dijelaskan diatas

2. Soal analisis foto

Alat yang digunakan : iHex

Operating system : MacOS High Sierra

Kedua file dibuka menggunakan iHex, terlihat bahwa file foto 4.jpg merupakan hasil editan dengan photoshop CC 2018 dengan operating system windows



Sedangkan foto 3.jpg merupakan foto asli yang diambil menggunakan iPhone 8 plus

