

Centro Universitario del Estado de México Ingeniería en Computación



Sistemas Operativos **“Trabajo en clase (en parejas)”**

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Trabajo en clase (en parejas)

1. Creamos una llave usando el comando `gpg --full-gen-key`, colocamos la opción 1, y el tiempo en el que va a durar la cuenta 1w. En mi caso el nombre del usuario de la llave es abi en el caso de mi compañero el hará lo mismo solo que el de él se llamará Jimmy

```
uaem@DESKTOP-R3NKPLG: ~  
Delete this key from the keyring? (y/N) y  
uaem@DESKTOP-R3NKPLG: $ sudo gpg --list-key  
uaem@DESKTOP-R3NKPLG: $ gpg --full-gen-key  
gpg (GnuPG) 2.4.4; Copyright (C) 2024 g10 Code GmbH  
This is free software: you are free to change and redistribute it.  
There is NO WARRANTY, to the extent permitted by law.  
  
Please select what kind of key you want:  
(1) RSA and RSA  
(2) DSA and Elgamal  
(3) DSA (sign only)  
(4) RSA (sign only)  
(9) ECC (sign and encrypt) *default*  
(10) ECC (sign only)  
(14) Existing key from card  
Your selection? 1  
RSA keys may be between 1024 and 4096 bits long.  
What keysize do you want? (3072) 3072  
Requested keysize is 3072 bits  
Please specify how long the key should be valid.  
0 = key does not expire  
<n> = key expires in n days  
<nw> = key expires in n weeks  
<nm> = key expires in n months  
<ny> = key expires in n years  
Key is valid for? (0) 1w  
Key expires at Fri Nov 14 16:43:46 2025 CST  
Is this correct? (y/N) y  
  
GnuPG needs to construct a user ID to identify your key.  
  
Real name: abi  
Email address: abi@gmail.com  
Comment: trabajo en equipo  
You selected this USER-ID:  
"abi (trabajo en equipo) <abi@gmail.com>"  
  
Change (N)ame, (C)omment, (E)mail or (O)kay/(Q)uit? 0  
We need to generate a lot of random bytes. It is a good idea to perform  
some other action (type on the keyboard, move the mouse, utilize the  
disks) during the prime generation; this gives the random number  
generator a better chance to gain enough entropy.  
We need to generate a lot of random bytes. It is a good idea to perform  
some other action (type on the keyboard, move the mouse, utilize the  
disks) during the prime generation; this gives the random number  
generator a better chance to gain enough entropy.  
gpg: revocation certificate stored as '/home/uaem/.gnupg/openpgp-revocs.d/20D6CD4846528589DE1833B2C48522224F928338.rev'  
public and secret key created and signed.  
  
pub   rsa3072 2025-11-07 [SC] [expires: 2025-11-14]  
      20D6CD4846528589DE1833B2C48522224F928338  
uid    abi (trabajo en equipo) <abi@gmail.com>  
sub    rsa3072 2025-11-07 [E] [expires: 2025-11-14]
```

2. Verificamos que se haya realizado con `gpg -k`, después vamos a exportar esa llave con el comando `gpg --export -a abi > abikey.asc`, y con el comando `ls -l` verificamos que, si se haya exportado nuestra llave, nuestro compañero realizara el mismo procedimiento con su llave.
3. La llave `abikey.asc` que es publica, esta se la compartiremos a nuestro compañero y el nos va a compartir la suya en este caso su llave se llama `jimmykey.asc`, esta llave la vamos a guardar en el mismo directorio donde se encuentra nuestra llave

```
uamem@DESKTOP-R3NKPGLG: ~  
[sudo] password for uamem:  
uamem@DESKTOP-R3NKPGLG: ~$ sudo gpg -k  
uamem@DESKTOP-R3NKPGLG: ~$ gpg -k  
gpg: checking the trustdb  
gpg: marginal: needed: 3, completes needed: 1, trust model: pgp  
gpg: depth: 0, valid: 1, signed: 0, trust: 0-, 0q, 0n, 0m, 0f, 1u  
gpg: next trustdb check due at 2025-11-14  
/home/uamem/.gnupg/pubring.kbx  
-----  
pub  rsa3072 2025-11-07 [SC] [expires: 2025-11-14]  
      20D6CD4846528589DE183382C48522224F928338  
uid   [ultimate] abel (trabajo en equipo) <abel@gmail.com>  
sub   rsa3072 2025-11-07 [E] [expires: 2025-11-14]  
-----  
uamem@DESKTOP-R3NKPGLG: ~$ gpg --export -abel > abelkey.asc  
gpg: conflicting commands  
uamem@DESKTOP-R3NKPGLG: ~$ sudo gpg --export -abel > abelkey.asc  
gpg: conflicting commands  
uamem@DESKTOP-R3NKPGLG: ~$ sudo gpg --export -abel > abelkey.asc  
gpg: WARNING: nothing exported  
uamem@DESKTOP-R3NKPGLG: ~$ gpg --export -abel > abelkey.asc  
uamem@DESKTOP-R3NKPGLG: ~$ gpg -k  
/home/uamem/.gnupg/pubring.kbx  
-----  
pub  rsa3072 2025-11-07 [SC] [expires: 2025-11-14]  
      20D6CD4846528589DE183382C48522224F928338  
uid   [ultimate] abel (trabajo en equipo) <abel@gmail.com>  
sub   rsa3072 2025-11-07 [E] [expires: 2025-11-14]  
-----  
uamem@DESKTOP-R3NKPGLG: ~$ ls -l  
total 364  
-rw-r--r-- 1 uamem uamem 285 Oct 16 16:46 IDUNICO.txt  
-rw-r--r-- 1 root root 31 Nov 6 16:09 MyPer.txt  
-rw-r--r-- 1 root root 110 Nov 6 16:12 MyPer.txt.gpg  
-rwxr-xr-x 1 uamem uamem 587 Oct 30 15:54 httpsSep24.sh  
-rw-r--r-- 1 uamem uamem 395 Sep 26 16:28 SQ258.txt  
-rw-r--r-- 1 uamem uamem 395 Sep 26 16:37 UltCon258.txt  
-rw-r--r-- 1 root root 45 Nov 6 16:10 WePer.txt  
-rw-r--r-- 1 uamem uamem 123 Nov 6 16:21 WePer.txt.gpg  
-rw-r--r-- 1 uamem uamem 92747 Aug 22 07:55 WhatsApp Image 2025-08-22 at 3.45.54 PM.jpeg  
-rw-r--r-- 1 uamem uamem 61 Aug 22 07:55 WhatsApp Image 2025-08-22 at 3.45.54 PM.jpeg:Zone.Identifier  
-rw-r--r-- 1 root root 26 Nov 6 16:10 YourPer.txt  
-rw-r--r-- 1 uamem uamem 288 Nov 6 16:14 YourPer.txt.asc  
-rwxr-xr-x 1 uamem uamem 2468 Nov 7 16:47 abelkey.asc  
drwxr-xr-x 2 uamem uamem 4896 Oct 30 16:01 backupNov25  
-rw-r--r-- 1 uamem uamem 61 Aug 22 07:59 cartas.jpeg:Zone.Identifier  
-rw-r--r-- 1 uamem uamem 29075 Oct 10 15:02 comandos89Oct25.txt  
-rwxr-xr-x 1 root root 2350 Oct 16 16:37 crear.sh  
-rw-rw-r-- 1 uamem uamem 464 Oct 17 16:02 cronCF.txt  
-rw-rw-r-- 1 uamem uamem 29 Oct 17 16:03 cronCF2.txt  
-rw-r--r-- 1 uamem uamem 78 Nov 6 15:48 documento.txt  
-rw-r--r-- 1 uamem uamem 265 Nov 6 15:54 documento.txt.asc  
-rw-r--r-- 1 root root 149 Nov 6 16:03 documento.txt.gpg  
-rw-r--r-- 1 uamem uamem 92 Sep 25 15:35 fonseca.txt
```

- Una vez echo lo anterior vamos a importar la llave jimmykey.asc con el comando `gpg --import jimmykey.asc`.
- Una vez echo lo anterior vamos a crear un documento llamado canción.txt usando el comando `sudo nano canción.txt`. Este documento lo vamos a encriptar usando el comando `gpg -e canción.txt`, en este apartado vamos a colocar el correo de la llave de nuestro compañero en este caso colocaremos Jimmy_fonseca_android@hotmail.com, con el comando `ls -l` verificamos

```
uamem@DESKTOP-R3NKPGLG: ~  
-rwxr-xr-x 1 root root 76 Oct 16 16:14 name.sh  
-rw-r--r-- 1 uamem uamem 4 Oct 16 16:15 nombre.txt  
-rw-r--r-- 1 uamem uamem 396 Sep 25 15:44 outp.txt  
-rw-r--r-- 1 uamem uamem 198 Sep 25 15:39 salida  
-rw-r--r-- 1 uamem uamem 198 Sep 25 15:43 salida.txt  
-rw-r--r-- 1 uamem uamem 198 Sep 25 15:39 salida1.txt  
-rw-r--r-- 1 root root 19 Oct 24 16:59 saludos1.txt  
-rw-r--r-- 1 root root 101 Oct 24 17:00 saludos1.txt.gpg  
-rw-r--r-- 1 uamem uamem 5261 Nov 7 15:16 secretkey.asc  
drwx----- 3 uamem uamem 4896 Sep 4 10:52 snap  
-rw-rw-r-- 1 uamem uamem 0 Oct 17 16:30 update.txt  
-rw-r--r-- 1 uamem uamem 94 Oct 16 16:31 usuarios.txt  
-rw-r--r-- 1 uamem uamem 185 Oct 16 16:31 usuarios_readable.txt  
uamem@DESKTOP-R3NKPGLG: ~$ gpg --import jimmykey.asc  
gpg: key 639AB9A2F8F4695E: public key 'Jimmy (trabajo en equipo) <jimmy_fonseca_android@hotmail.com>' imported  
gpg: Total number processed: 1  
gpg: Imported: 1  
uamem@DESKTOP-R3NKPGLG: ~$ sudo nano cancion.txt
```

```
uaem@DESKTOP-R3NKPLG: ~ $ gpg -k
/home/uaem/.gnupg/pubring.kbx
pub   rsa3072 2025-11-07 [SC] [expires: 2025-11-14]
      20D6CD4846528589DE183362C48522224F928338
uid   [ultimate] abi (trabajo en equipo) <abi@gmail.com>
sub   rsa3072 2025-11-07 [E] [expires: 2025-11-14]

pub   rsa3072 2025-11-07 [SC] [expires: 2025-11-14]
      BE8F39A611D6D806FC61DE0D639AB9A2F0F4695E
uid   [unknown] jimmy (trabajo en equipo) <jimmy_fonseca_android@hotmail.com>
sub   rsa3072 2025-11-07 [E] [expires: 2025-11-14]

uaem@DESKTOP-R3NKPLG: ~ $ gpg -e cancion.txt
You did not specify a user ID. (you may use "-r")

Current recipients:

Enter the user ID. End with an empty line: jimmy_fonseca_android@hotmail.com
gpg: 86FBC8863508BEDC: There is no assurance this key belongs to the named user

sub   rsa3072/86FBC8863508BEDC 2025-11-07 jimmy (trabajo en equipo) <jimmy_fonseca_android@hotmail.com>
Primary key fingerprint: BE8F 39A6 11D6 D806 FC61 DE0D 639A B9A2 F0F4 695E
Subkey fingerprint: 08EC FA3B 9362 C35C CBD0 116F 86FB C886 3508 BEDC

It is NOT certain that the key belongs to the person named
in the user ID. If you *really* know what you are doing,
you may answer the next question with yes.

Use this key anyway? (y/N) y

Current recipients:
rsa3072/86FBC8863508BEDC 2025-11-07 "jimmy (trabajo en equipo) <jimmy_fonseca_android@hotmail.com>"

Enter the user ID. End with an empty line:
File 'cancion.txt.gpg' exists. Overwrite? (y/N) y
uaem@DESKTOP-R3NKPLG: ~ $ ls -l
total 372
-rw-r--r-- 1 uaem uaem 285 Oct 16 16:46 IDUNICO.txt
-rw-r--r-- 1 root root 31 Nov 6 16:09 MyPer.txt
-rw-r--r-- 1 root root 119 Nov 6 16:12 MyPer.txt.gpg
-rwxr-xr-x 1 uaem uaem 587 Oct 30 15:54 RespSep24.sh
-rw-r--r-- 1 uaem uaem 395 Sep 26 16:28 S025B.txt
-rw-r--r-- 1 uaem uaem 395 Sep 26 16:37 UltCon25B.txt
-rw-r--r-- 1 root root 45 Nov 6 16:10 WePer.txt
-rw-r--r-- 1 uaem uaem 123 Nov 6 16:21 WePer.txt.gpg
-rw-r--r-- 1 uaem uaem 92747 Aug 22 07:55 'WhatsApp Image 2025-08-22 at 3.45.54 PM.jpeg'
-rw-r--r-- 1 uaem uaem 61 Aug 22 07:55 'WhatsApp Image 2025-08-22 at 3.45.54 PM.jpeg:Zone.Identifier'
-rw-r--r-- 1 root root 26 Nov 6 16:10 YourPer.txt
-rw-r--r-- 1 uaem uaem 288 Nov 6 16:14 YourPer.txt.asc
-rw-r--r-- 1 uaem uaem 2468 Nov 7 16:47 abikey.asc
```

6. El documento de canción.txt.gpg lo vamos a compartir con nuestro compañero, pero como tenemos uno igual con el mismo nombre solo le vamos a agregar un 1 y quedaría cancion1.txt.gpg este lo vamos a guardar en el mismo repositorio. Este lo vamos a desenscriptar con el comando gpg -d cancion1.txt.gpg

```
uaem@DESKTOP-R3NKPLG: ~ $ ls -l
total 372
-rw-r--r-- 1 uaem uaem 92 Sep 25 15:35 fonseca.txt
-rw-r--r-- 1 uaem uaem 27521 Nov 6 16:57 historial.txt
-rw-r--r-- 1 uaem uaem 15 Oct 16 16:13 hola_mundo.txt
-rw-r--r-- 1 uaem uaem 3029 Oct 3 16:38 iptables.rules
-rw-r--r-- 1 uaem uaem 2497 Nov 7 16:49 jimmykey.asc
-rw-r--r-- 1 uaem uaem 25 Nov 7 16:50 jimmykey.asc:Zone.Identifier
-rw-r--r-- 1 uaem uaem 5269 Nov 7 15:23 keyAbi.asc
-rw-r--r-- 1 uaem uaem 5261 Nov 7 16:15 keySecretSebas.asc
-rw-r--r-- 1 uaem uaem 25 Nov 7 16:16 keySecretSebas.asc:Zone.Identifier
-rw-r--r-- 1 uaem uaem 2505 Nov 7 15:25 keyToni.asc
-rw-r--r-- 1 uaem uaem 25 Nov 7 15:26 keyToni.asc:Zone.Identifier
-rw-r--r-- 1 uaem uaem 2948 Nov 6 16:46 llaves.asc
-rw-r--r-- 1 uaem uaem 664 Nov 6 16:49 llavesHaz.asc
-rw-r--r-- 1 uaem uaem 25 Nov 6 16:50 llavesHaz.asc:Zone.Identifier
-rw-r--r-- 1 root root 82 Nov 7 15:33 mensaje.txt
-rw-r--r-- 1 uaem uaem 557 Nov 7 15:39 mensaje.txt.gpg
-rw-r--r-- 1 uaem uaem 975 Nov 7 15:42 mensaje1.txt.gpg
-rw-r--r-- 1 uaem uaem 25 Nov 7 15:43 mensaje1.txt.gpg:Zone.Identifier
-rw-r--r-- 1 uaem uaem 186 Sep 25 15:36 monosaurio.txt
-rwxr-xr-x 1 root root 76 Oct 16 16:14 nombre.sh
-rw-r--r-- 1 uaem uaem 4 Oct 16 16:15 nombre.txt
-rw-r--r-- 1 uaem uaem 396 Sep 25 15:44 outp.txt
-rw-r--r-- 1 uaem uaem 198 Sep 25 15:39 salida
-rw-r--r-- 1 uaem uaem 198 Sep 25 15:43 salida.txt
-rw-r--r-- 1 uaem uaem 198 Sep 25 15:39 salida1.txt
-rw-r--r-- 1 root root 19 Oct 24 16:59 saludos1.txt
-rw-r--r-- 1 root root 161 Oct 24 17:00 saludos1.txt.gpg
-rw-r--r-- 1 uaem uaem 5261 Nov 7 15:16 secretkey.asc
drwx----- 3 uaem uaem 4096 Sep 4 10:52 .ssh
-rw-r--r-- 1 uaem uaem 0 Oct 17 16:30 update.txt
-rw-r--r-- 1 uaem uaem 94 Oct 16 16:31 usuarios.txt
-rw-r--r-- 1 uaem uaem 185 Oct 16 16:31 usuarios_readable.txt
uaem@DESKTOP-R3NKPLG: ~ $ sudo gpg -d cancion1.txt.gpg
[sudo] password for uaem:
gpg: encrypted with RSA key, ID FD98ED76CA477847
gpg: public key decryption failed: No secret key
gpg: decryption failed: No secret key
uaem@DESKTOP-R3NKPLG: ~ $ gpg -d cancion1.txt.gpg
gpg: encrypted with rsa3072 key, ID FD98ED76CA477847, created 2025-11-07
"abi (trabajo en equipo) <abi@gmail.com>"
gpg: public key decryption failed: Bad passphrase
gpg: decryption failed: Bad passphrase
uaem@DESKTOP-R3NKPLG: ~ $ gpg -d cancion1.txt.gpg
gpg: encrypted with rsa3072 key, ID FD98ED76CA477847, created 2025-11-07
"abi (trabajo en equipo) <abi@gmail.com>"
bohemian rhapsody queen
uaem@DESKTOP-R3NKPLG: ~ $ gpg -d cancion1.txt.gpg
gpg: encrypted with rsa3072 key, ID FD98ED76CA477847, created 2025-11-07
"abi (trabajo en equipo) <abi@gmail.com>"
bohemian rhapsody queen
uaem@DESKTOP-R3NKPLG: ~ $
```


7. Con ls-l verificamos si esta y con sudo cat jimy.txt podemos ver que hay dentro del documento y verificar que es correcto

```
uaem@DESKTOP-R3NKPLG: ~  
-rw-r--r-- 1 uaem uaem 2468 Nov 7 16:47 abIkey.asc  
-rwxr-xr-x 2 uaem uaem 4096 Nov 7 17:05 cancion.txt  
-rw-r--r-- 1 root root 40 Nov 7 16:51 cancion.txt.gpg  
-rw-r--r-- 1 uaem uaem 520 Nov 7 16:59 cancion1.txt.gpg  
-rw-r--r-- 1 uaem uaem 506 Nov 7 17:02 cancion1.txt.gpg:Zone.Identifier  
-rw-r--r-- 1 uaem uaem 25 Nov 7 17:03 cartas.jpeg:Zone.Identifier  
-rw-r--r-- 1 uaem uaem 61 Aug 22 07:59 comandos09Oct25.txt  
-rw-r--r-- 1 uaem uaem 29075 Oct 10 15:02 crear.sh  
-rwxr-xr-x 1 root root 2358 Oct 16 16:37 cronCF.txt  
-rw-r--r-- 1 uaem uaem 464 Oct 17 16:02 cronCF2.txt  
-rw-r--r-- 1 uaem uaem 29 Oct 17 16:03 documento.txt  
-rw-r--r-- 1 uaem uaem 78 Nov 6 15:48 documento.txt.asc  
-rw-r--r-- 1 uaem uaem 265 Nov 6 15:54 documento.txt.gpg  
-rw-r--r-- 1 root root 149 Nov 6 16:03 fonsaca.txt  
-rw-r--r-- 1 uaem uaem 92 Sep 25 15:35 historial.txt  
-rw-r--r-- 1 uaem uaem 27521 Nov 6 16:57 hola_mundo.txt  
-rw-r--r-- 1 uaem uaem 15 Oct 16 16:13 iptables.rules  
-rw-r--r-- 1 uaem uaem 3029 Oct 3 16:38 jimmykey.asc  
-rw-r--r-- 1 uaem uaem 2497 Nov 7 16:49 jimmykey.asc:Zone.Identifier  
-rw-r--r-- 1 uaem uaem 664 Nov 7 16:50 jimy.txt  
-rw-r--r-- 1 uaem uaem 25 Nov 7 17:11 keyAbi.asc  
-rw-r--r-- 1 uaem uaem 25 Nov 7 17:11 keySecretSebas.asc  
-rw-r--r-- 1 uaem uaem 5269 Nov 7 15:23 keySecretSebas.asc:Zone.Identifier  
-rw-r--r-- 1 uaem uaem 5261 Nov 7 16:15 keyToni.asc  
-rw-r--r-- 1 uaem uaem 25 Nov 7 15:26 keyToni.asc:Zone.Identifier  
-rw-r--r-- 1 uaem uaem 2948 Nov 6 16:46 llaves.asc  
-rw-r--r-- 1 uaem uaem 6 Nov 6 16:49 llavesHaz.asc  
-rw-r--r-- 1 uaem uaem 1 uaem uaem 25 Nov 6 16:50 llavesHaz.asc:Zone.Identifier  
-rw-r--r-- 1 root root 82 Nov 7 15:33 mensaje.txt  
-rw-r--r-- 1 uaem uaem 557 Nov 7 15:39 mensaje1.txt.gpg  
-rw-r--r-- 1 uaem uaem 975 Nov 7 15:42 mensaje1.txt.gpg:Zone.Identifier  
-rw-r--r-- 1 uaem uaem 25 Nov 7 15:43 monosaurio.txt  
-rw-r--r-- 1 uaem uaem 106 Sep 25 15:36 name.sh  
-rwxr-xr-x 1 root root 76 Oct 16 16:14 nombre.txt  
-rw-r--r-- 1 uaem uaem 4 Oct 16 16:15 outp.txt  
-rw-r--r-- 1 uaem uaem 396 Sep 25 15:39 salida.txt  
-rw-r--r-- 1 uaem uaem 198 Sep 25 15:43 salida1.txt  
-rw-r--r-- 1 uaem uaem 198 Sep 25 15:39 saludos1.txt  
-rw-r--r-- 1 root root 19 Oct 24 16:59 saludos1.txt.gpg  
-rw-r--r-- 1 root root 101 Oct 24 17:00 secretkey.asc  
-rw-r--r-- 1 uaem uaem 5261 Nov 7 15:16 snap  
-rwx----- 3 uaem uaem 4096 Sep 4 10:52 update.txt  
-rw-r--r-- 1 uaem uaem 0 Oct 17 16:30 usuarios.txt  
-rw-r--r-- 1 uaem uaem 94 Oct 16 16:31 usuarios_readable.txt  
-rw-r--r-- 1 uaem uaem 185 Oct 16 16:31 usuarios_readable.txt  
uaem@DESKTOP-R3NKPLG: $ sudo cat jimy.txt  
bohemian rhapsody queen  
uaem@DESKTOP-R3NKPLG: $
```

8. Con el siguiente comando podemos hacer un txt del documento de canción1.txt.gpg y este lo llamaremos jimy.txt el comando es gpg -d canción1.txt.gpg > jimy.txt

```
uaem@DESKTOP-R3NKPLG: ~  
-rw-r--r-- 1 uaem uaem 975 Nov 7 15:42 mensaje1.txt.gpg  
-rw-r--r-- 1 uaem uaem 25 Nov 7 15:43 mensaje1.txt.gpg:Zone.Identifier  
-rw-r--r-- 1 uaem uaem 106 Sep 25 15:36 monosaurio.txt  
-rwxr-xr-x 1 root root 76 Oct 16 16:14 name.sh  
-rw-r--r-- 1 uaem uaem 4 Oct 16 16:15 nombre.txt  
-rw-r--r-- 1 uaem uaem 396 Sep 25 15:44 outp.txt  
-rw-r--r-- 1 uaem uaem 198 Sep 25 15:39 salida.txt  
-rw-r--r-- 1 uaem uaem 198 Sep 25 15:43 salida1.txt  
-rw-r--r-- 1 uaem uaem 198 Sep 25 15:39 saludos1.txt  
-rw-r--r-- 1 root root 19 Oct 24 16:59 saludos1.txt.gpg  
-rw-r--r-- 1 root root 101 Oct 24 17:00 secretkey.asc  
-rw-r--r-- 1 uaem uaem 5261 Nov 7 15:16 snap  
-rwx----- 3 uaem uaem 4096 Sep 4 10:52 update.txt  
-rw-r--r-- 1 uaem uaem 0 Oct 17 16:30 usuarios.txt  
-rw-r--r-- 1 uaem uaem 94 Oct 16 16:31 usuarios_readable.txt  
-rw-r--r-- 1 uaem uaem 185 Oct 16 16:31 usuarios_readable.txt  
uaem@DESKTOP-R3NKPLG: $ gpg -d cancion1.txt.gpg > jimy.txt  
gpg: encrypted with rsa3072 key, ID FD98ED76CA477047, created 2025-11-07  
"abi (trabajo en equipo) <abi@gmail.com>"  
uaem@DESKTOP-R3NKPLG: $ ls -l  
total 388  
-rw-r--r-- 1 uaem uaem 285 Oct 16 16:46 IDUNICO.txt  
-rw-r--r-- 1 root root 31 Nov 6 16:09 MyPer.txt  
-rw-r--r-- 1 root root 110 Nov 6 16:12 MyPer.txt.gpg  
-rwxr-xr-x 1 uaem uaem 587 Oct 30 15:54 RespSep24.sh  
-rw-r--r-- 1 uaem uaem 395 Sep 26 16:28 S0258.txt  
-rw-r--r-- 1 uaem uaem 395 Sep 26 16:37 UltCon258.txt  
-rw-r--r-- 1 root root 45 Nov 6 16:10 WePer.txt  
-rw-r--r-- 1 uaem uaem 123 Nov 6 16:21 WePer.txt.gpg  
-rw-r--r-- 1 uaem uaem 92747 Aug 22 07:55 'WhatsApp Image 2025-08-22 at 3.45.54 PM.jpeg'  
-rw-r--r-- 1 uaem uaem 61 Aug 22 07:55 'WhatsApp Image 2025-08-22 at 3.45.54 PM.jpeg:Zone.Identifier'  
-rw-r--r-- 1 root root 26 Nov 6 16:10 YourPer.txt  
-rw-r--r-- 1 uaem uaem 288 Nov 6 16:14 YourPer.txt.asc  
-rw-r--r-- 1 uaem uaem 2468 Nov 7 16:47 abIkey.asc  
-rwxr-xr-x 2 uaem uaem 4096 Nov 7 17:05 cancion.txt  
-rw-r--r-- 1 uaem uaem 520 Nov 7 16:59 cancion.txt.gpg  
-rw-r--r-- 1 uaem uaem 506 Nov 7 17:02 cancion1.txt.gpg  
-rw-r--r-- 1 uaem uaem 25 Nov 7 17:03 cancion1.txt.gpg:Zone.Identifier  
-rw-r--r-- 1 uaem uaem 61 Aug 22 07:59 cartas.jpeg:Zone.Identifier  
-rw-r--r-- 1 uaem uaem 29075 Oct 10 15:02 comandos09Oct25.txt  
-rwxr-xr-x 1 root root 2358 Oct 16 16:37 crear.sh  
-rw-r--r-- 1 uaem uaem 464 Oct 17 16:02 cronCF.txt  
-rw-r--r-- 1 uaem uaem 29 Oct 17 16:03 cronCF2.txt  
-rw-r--r-- 1 uaem uaem 78 Nov 6 15:48 documento.txt  
-rw-r--r-- 1 uaem uaem 265 Nov 6 15:54 documento.txt.asc  
-rw-r--r-- 1 root root 149 Nov 6 16:03 documento.txt.gpg  
-rw-r--r-- 1 uaem uaem 92 Sep 25 15:35 fonsaca.txt  
-rw-r--r-- 1 uaem uaem 27521 Nov 6 16:57 historial.txt  
-rw-r--r-- 1 uaem uaem 15 Oct 16 16:13 hola_mundo.txt  
-rw-r--r-- 1 uaem uaem 3029 Oct 3 16:38 iptables.rules
```

Jimmy:

```
jimmy@jimmyPC: ~  
jimmy@jimmyPC:~$ gpg --full-gen-key  
gpg (GnuPG) 2.4.4; copyright (C) 2024 g10 Code GmbH  
This is free software: you are free to change and redistribute it.  
There is NO WARRANTY, to the extent permitted by law.  
  
Please select what kind of key you want:  
(1) RSA and RSA  
(2) DSA and Elgamal  
(3) DSA (sign only)  
(4) RSA (sign only)  
(9) ECC (sign and encrypt) *default*  
(10) ECC (sign only)  
(14) Existing key from card  
Your selection? 1  
RSA keys may be between 1024 and 4096 bits long.  
What keysize do you want? (3072) 3072  
Requested keysize is 3072 bits  
Please specify how long the key should be valid.  
0 = key does not expire  
<n> = key expires in n days  
<n>w = key expires in n weeks  
<n>m = key expires in n months  
<n>y = key expires in n years  
Key is valid for? (0) 1w  
Key expires at Fri Nov 14 16:43:47 2025 CST  
Is this correct? (y/N) y  
  
GnuPG needs to construct a user ID to identify your key.  
  
Real name: jimmy  
Email address: jimmy_fonseca_android@hotmail.com  
Comment: trabajo en equipo  
You selected this USER-ID:  
"jimmy (trabajo en equipo) <jimmy_fonseca_android@hotmail.com>"  
  
Change (u)ame, (c)omment, (e)mail or (o)kay/(Q)uit? o  
We need to generate a lot of random bytes. It is a good idea to perform  
some other action (type on the keyboard, move the mouse, utilize the  
disks) during the prime generation; this gives the random number  
generator a better chance to gain enough entropy.  
We need to generate a lot of random bytes. It is a good idea to perform  
some other action (type on the keyboard, move the mouse, utilize the  
disks) during the prime generation; this gives the random number  
generator a better chance to gain enough entropy.  
gpg: revocation certificate stored as '/home/jimmy/.gnupg/openpgp-revocs.d/BE8F39A611D6D806FC61DE0D639AB9A2F0F4695E.rev'  
public and secret key created and signed.  
  
pub  rsa3072 2025-11-07 [Sc] [expires: 2025-11-14]  
    BE8F39A611D6D806FC61DE0D639AB9A2F0F4695E  
uid          jimmy (trabajo en equipo) <jimmy_fonseca_android@hotmail.com>  
sub  rsa3072 2025-11-07 [E] [expires: 2025-11-14]  
  
jimmy@jimmyPC:~$ gpg -k  
gpg: checking the trustdb  
gpg: marginals needed: 3 completes needed: 1 trust model: pgp  
gpg: depth: 0 valid: 1 signed: 0 trust: 0-, 0q, 0n, 0m, 0f, 1u
```

```
jimmy@jimmyPC: ~  
-rw-r--r-- 1 jimmy jimmy 216 Nov 6 16:13 yourper.txt.asc  
jimmy@jimmyPC:~$ sudo gpg -d cancion1.txt.gpg  
gpg: encrypted with RSA key, ID 86FBC8863508BEDC  
gpg: public key decryption failed: No secret key  
gpg: decryption failed: No secret key  
jimmy@jimmyPC:~$ gpg -d cancion1.txt.gpg  
gpg: encrypted with rsa3072 key, ID 86FBC8863508BEDC, created 2025-11-07  
"jimmy (trabajo en equipo) <jimmy_fonseca_android@hotmail.com>"  
happies is a butterflay de lana del rey  
jimmy@jimmyPC:~$ ls -l  
total 380  
drwxr-xr-x 3 root root 4096 Oct 30 14:09 '$'  
drwxr-xr-x 2 jimmy jimmy 4096 Oct 31 01:05 Backup  
-rw-r--r-- 1 jimmy jimmy 26 Aug 22 15:46 Carta.Identifier  
-rw-r--r-- 1 jimmy jimmy 157 Oct 16 16:56 IDUNICO  
-rw-r--r-- 1 root root 26 Nov 6 16:10 MyPer.txt  
-rw-r--r-- 1 jimmy jimmy 105 Nov 6 16:24 MyPer.txt.gpg  
-rw-r--r-- 1 jimmy jimmy 66819 Aug 29 13:56 PkgInstallAgo25.txt  
-rw-r-xr-x 1 root root 1720 Oct 31 01:01 RespSep24.sh  
-rw-r--r-- 1 jimmy jimmy 63883 Aug 29 13:10 Uno.txt  
-rw-r--r-- 1 jimmy jimmy 2468 Nov 7 16:49 abkey.asc  
-rw-r--r-- 1 jimmy jimmy 26 Nov 7 16:50 abkey.asc:Zone.Identifier  
-rw-r-xr-x 1 root root 177 Oct 17 00:09 addition.sh  
-rw-r--r-- 1 jimmy jimmy 594 Nov 7 16:00 backup_dir1.log  
-rw-r-xr-x 1 root root 430 Oct 21 01:05 backup_dir1.sh  
-rw-r--r-- 1 jimmy jimmy 452 Oct 31 00:00 backup_dir2.log  
-rw-r-xr-x 1 root root 527 Oct 22 17:29 backup_dir2.sh  
-rw-r-xr-x 1 root root 350 Oct 21 01:14 backup_dir3.sh  
drwxr-xr-x 2 jimmy jimmy 4096 Nov 7 16:00 backups  
-rw-r-xr-x 1 root root 225 Oct 17 00:56 bucles.sh  
-rw-r--r-- 1 root root 25 Nov 7 16:51 cancion.txt  
-rw-r--r-- 1 jimmy jimmy 506 Nov 7 17:02 cancion.txt.gpg  
-rw-r--r-- 1 jimmy jimmy 520 Nov 7 16:59 cancion1.txt.gpg  
-rw-r--r-- 1 jimmy jimmy 26 Nov 7 17:03 cancion1.txt.gpg:Zone.Identifier  
-rw-r--r-- 1 jimmy jimmy 867 Oct 9 23:04 comandos09Oct25.txt  
-rw-r-xr-x 1 root root 798 Oct 16 16:55 create_user.sh  
-rw-r--r-- 1 jimmy jimmy 261 Oct 17 16:03 cronCF.txt  
-rw-r--r-- 1 jimmy jimmy 29 Oct 17 16:05 cronCF2.txt  
-rw-r-xr-x 1 root root 73 Oct 17 00:52 direct.sh  
drwxr-xr-x 2 jimmy jimmy 4096 Oct 20 23:57 directoria1  
drwxr-xr-x 4 jimmy jimmy 4096 Oct 23 23:32 directoria2  
-rw-r--r-- 1 jimmy jimmy 72 Nov 6 15:48 documento.txt  
-rw-r--r-- 1 jimmy jimmy 256 Nov 6 15:54 documento.txt.asc  
-rw-r--r-- 1 root root 144 Nov 6 16:05 documento.txt.gpg  
drwxr-xr-x 13 jimmy jimmy 4096 Sep 5 03:14 fastfetch  
-rw-r--r-- 1 jimmy jimmy 77 Sep 25 15:35 fonseca.txt  
-rw-r--r-- 1 jimmy jimmy 30 Oct 16 16:13 hola_mundo.txt  
-rw-r--r-- 1 jimmy jimmy 2497 Nov 7 16:47 jimmykey.asc  
-rw-r--r-- 1 jimmy jimmy 5261 Nov 7 16:04 keySecretSebas.asc  
-rw-r--r-- 1 jimmy jimmy 25 Nov 7 16:20 keySecretSebas.asc:Zone.Identifier  
-rw-r--r-- 1 jimmy jimmy 2508 Nov 7 15:28 keyToni.asc  
-rw-r--r-- 1 jimmy jimmy 25 Nov 7 16:02 keyToni.asc:Zone.Identifier  
-rw-r--r-- 1 jimmy jimmy 693 Nov 6 16:05 llaves.asc  
-rw-r--r-- 1 jimmy jimmy 664 Nov 6 16:47 llavesHaz.asc  
-rw-r--r-- 1 jimmy jimmy 25 Nov 6 16:51 llavesHaz.asc:Zone.Identifier  
-rw-r--r-- 1 jimmy jimmy 5306 Nov 7 15:48 llaveskeyjimmy.asc
```

```
jimmy@jimmyPC: ~  
total 372  
drwxr-xr-x 3 root root 4096 Oct 30 14:09 '$'  
-rwxr-xr-x 2 jimmy jimmy 4096 Oct 31 01:05 Backup  
-rw-r--r-- 1 jimmy jimmy 26 Aug 22 15:46 Carta.Identifier  
-rw-r--r-- 1 jimmy jimmy 157 Oct 16 16:56 IDUICO  
-rw-r--r-- 1 root root 26 Nov 6 16:18 MyPer.txt  
-rw-r--r-- 1 jimmy jimmy 105 Nov 6 16:24 MyPer.txt.gpg  
-rw-r--r-- 1 jimmy jimmy 66819 Aug 29 13:56 PkgInstallAgo25.txt  
-rwxr-xr-x 1 root root 1720 Oct 31 01:01 RespSep24.sh  
-rw-r--r-- 1 jimmy jimmy 63883 Aug 29 13:16 Uno.txt  
-rw-r--r-- 1 jimmy jimmy 2468 Nov 7 16:09 abikey.asc  
-rw-r--r-- 1 jimmy jimmy 25 Nov 7 16:50 abikey.asc:Zone.Identifier  
-rwxr-xr-x 1 root root 177 Oct 17 00:49 addition.sh  
-rw-r--r-- 1 jimmy jimmy 594 Nov 7 16:00 backup_dir1.log  
-rwxr-xr-x 1 root root 438 Oct 21 01:05 backup_dir1.sh  
-rw-r--r-- 1 jimmy jimmy 452 Oct 31 00:00 backup_dir2.log  
-rwxr-xr-x 1 root root 527 Oct 22 17:29 backup_dir2.sh  
-rwxr-xr-x 1 root root 350 Oct 21 01:14 backup_dir3.sh  
drwxr-xr-x 2 jimmy jimmy 4096 Nov 7 16:00 backups  
-rwxr-xr-x 1 root root 225 Oct 17 00:56 bucles.sh  
-rw-r--r-- 1 root root 25 Nov 7 16:51 cancion.txt  
-rw-r--r-- 1 jimmy jimmy 586 Nov 7 17:02 cancion.txt.gpg  
-rw-r--r-- 1 jimmy jimmy 807 Oct 9 23:04 comandos09Oct25.txt  
-rwxr-xr-x 1 root root 798 Oct 16 16:55 create_user.sh  
-rw-r--r-- 1 jimmy jimmy 261 Oct 17 16:03 cronCF.txt  
-rw-r--r-- 1 jimmy jimmy 29 Oct 17 16:05 cronCF2.txt  
-rwxr-xr-x 1 root root 73 Oct 17 00:52 direct.sh  
-rwxr-xr-x 2 jimmy jimmy 4096 Oct 20 23:57 directorial  
drwxr-xr-x 4 jimmy jimmy 4096 Oct 23 23:32 directorio2  
-rw-r--r-- 1 jimmy jimmy 72 Nov 6 15:48 documento.txt  
-rw-r--r-- 1 jimmy jimmy 256 Nov 6 15:54 documento.txt.asc  
-rw-r--r-- 1 root root 144 Nov 6 16:05 documento.txt.gpg  
drwxr-xr-x 13 jimmy jimmy 4096 Sep 5 03:14 fastfetch  
-rw-r--r-- 1 jimmy jimmy 77 Sep 25 15:35 fonsaca.txt  
-rw-r--r-- 1 jimmy jimmy 30 Oct 16 16:13 hola.mundo.txt  
-rw-r--r-- 1 jimmy jimmy 2497 Nov 7 16:07 jimmykey.asc  
-rw-r--r-- 1 jimmy jimmy 5261 Nov 7 16:04 keySecretSebas.asc  
-rw-r--r-- 1 jimmy jimmy 25 Nov 7 16:20 keySecretSebas.asc:Zone.Identifier  
-rw-r--r-- 1 jimmy jimmy 2505 Nov 7 15:28 keyToni.asc  
-rw-r--r-- 1 jimmy jimmy 25 Nov 7 16:02 keyToni.asc:Zone.Identifier  
-rw-r--r-- 1 jimmy jimmy 693 Nov 6 16:05 llaves.asc  
-rw-r--r-- 1 jimmy jimmy 664 Nov 6 16:07 llavesHaz.asc  
-rw-r--r-- 1 jimmy jimmy 25 Nov 6 16:51 llavesHaz.asc:Zone.Identifier  
-rw-r--r-- 1 jimmy jimmy 5360 Nov 7 15:48 llaveskeyjimmy.asc  
-rw-r--r-- 1 jimmy jimmy 2521 Nov 7 15:30 llaveskeytoni.asc  
-rw-r--r-- 1 jimmy jimmy 25 Nov 7 15:53 llaveskeytoni.asc:Zone.Identifier  
-rw-r--r-- 1 root root 76 Nov 7 15:33 mensaje.txt  
-rw-r--r-- 1 jimmy jimmy 975 Nov 7 15:39 mensaje1.txt.gpg  
-rw-r--r-- 1 jimmy jimmy 25 Nov 7 16:22 mensaje1.txt.gpg:Zone.Identifier  
-rw-r--r-- 1 jimmy jimmy 18 Sep 25 15:36 monosaurio.txt  
drwxr-xr-x 2 jimmy jimmy 4096 Oct 17 00:53 mydir  
-rwxr-xr-x 1 root root 77 Oct 16 16:15 name.sh  
-rw-r--r-- 1 jimmy jimmy 6 Oct 16 16:16 nombre.txt  
-rw-r--r-- 1 jimmy jimmy 190 Sep 25 15:44 outpout.txt  
-rw-r--r-- 1 jimmy jimmy 95 Sep 25 15:43 salida.txt
```

```
jimmy@jimmyPC: ~  
gpg: checking the trustdb  
gpg: marginal: needed: 3, completes needed: 1, trust model: pgp  
gpg: depth: 0 valid: 1, signed: 0, trust: 0-, 0q, 0n, 0m, 0f, 1u  
gpg: next trustdb check due at 2025-11-14  
/home/jimmy/.gnupg/pubring.kbx  
-----  
pub rsa3072 2025-11-07 [SC] [expires: 2025-11-14]  
BERF39A611D6D806FC61DE0639A80A2F8F4695E  
uid [ultimate] jimmy (trabajo en equipo) <jimmy_fonseca_android@hotmail.com>  
sub rsa3072 2025-11-07 [E] [expires: 2025-11-14]  
  
jimmy@jimmyPC: ~  
jimmy@jimmyPC:~$ gpg --export -a jimmy > jimmykey.asc  
jimmy@jimmyPC:~$ gpg --k  
gpg: WARNING: no command supplied. Trying to guess what you mean ...  
usage: gpg [options] [filename]  
jimmy@jimmyPC:~$ gpg -k  
/home/jimmy/.gnupg/pubring.kbx  
-----  
pub rsa3072 2025-11-07 [SC] [expires: 2025-11-14]  
BERF39A611D6D806FC61DE0639A80A2F8F4695E  
uid [ultimate] jimmy (trabajo en equipo) <jimmy_fonseca_android@hotmail.com>  
sub rsa3072 2025-11-07 [E] [expires: 2025-11-14]  
  
jimmy@jimmyPC:~$ gpg --import abikey.asc  
gpg: key C4852224928338: public key "abi (trabajo en equipo) <abi@gmail.com>" imported  
gpg: Total number processed: 1  
gpg: imported: 1  
jimmy@jimmyPC:~$ sudo nano cancion.txt  
[sudo] password for jimmy:  
jimmy@jimmyPC:~$ sudo -e cancion.txt  
sudo: cancion.txt: editing files in a writable directory is not permitted  
jimmy@jimmyPC:~$ sudo gpg -e cancion.txt  
You did not specify a user ID. (you may use "-r")  
  
Current recipients:  
  
Enter the user ID. End with an empty line: jimmy_fonseca_android@hotmail.com  
gpg: error retrieving 'jimmy_fonseca_android@hotmail.com' via WKD: No data  
No such user ID.  
  
Current recipients:  
  
Enter the user ID. End with an empty line: jimmy_fonseca_android@hotmail.com  
gpg: error retrieving 'jimmy_fonseca_android@hotmail.com' via WKD: No data  
No such user ID.  
  
Current recipients:  
  
Enter the user ID. End with an empty line:  
[2]+ Stopped sudo gpg -e cancion.txt  
jimmy@jimmyPC:~$ gpg -e -r jimmy_fonseca_android@hotmail.com cancion.txt  
jimmy@jimmyPC:~$ gpg -e cancion.txt  
You did not specify a user ID. (you may use "-r")
```



```
jimmy@jimmyPC: ~  
[2]+ Stopped sudo gpg -e cancion.txt  
jimmy@jimmyPC:~$ gpg -e -r jimmy_fonseca_android@hotmail.com cancion.txt  
jimmy@jimmyPC:~$ gpg -e cancion.txt  
You did not specify a user ID. (you may use "-r")  
  
Current recipients:  
  
Enter the user ID. End with an empty line:  
[3]+ Stopped gpg -e cancion.txt  
jimmy@jimmyPC:~$ sudo gpg -e cancion.txt  
You did not specify a user ID. (you may use "-r")  
  
Current recipients:  
  
Enter the user ID. End with an empty line: abi@gmail.com  
gpg: error retrieving 'abi@gmail.com' via WHO: No data  
No such user ID.  
  
Current recipients:  
  
Enter the user ID. End with an empty line: abi@gmail.com  
[4]+ Stopped sudo gpg -e cancion.txt  
jimmy@jimmyPC:~$ gpg -e cancion.txt  
You did not specify a user ID. (you may use "-r")  
  
Current recipients:  
  
Enter the user ID. End with an empty line: abi@gmail.com  
gpg: FD98ED76CA477047: There is no assurance this key belongs to the named user  
  
sub rsa3072/FD98ED76CA477047 2025-11-07 abi (trabajo en equipo) <abi@gmail.com>  
Primary key fingerprint: 2006 CD48 4652 8589 DE18 3382 C485 2222 4F92 8338  
Subkey fingerprint: E298 AB4C E0EC 36B8 2B20 B19A FD98 ED76 CA47 7047  
  
It is NOT certain that the key belongs to the person named  
in the user ID. If you *really* know what you are doing,  
you may answer the next question with yes.  
  
Use this key anyway? (y/N) y  
  
Current recipients:  
rsa3072/FD98ED76CA477047 2025-11-07 "abi (trabajo en equipo) <abi@gmail.com>"  
  
Enter the user ID. End with an empty line:  
File 'cancion.txt.gpg' exists. Overwrite? (y/N) y  
jimmy@jimmyPC:~$ ls -l  
total 372  
drwxr-xr-x 3 root root 4096 Oct 30 14:09 '$'  
drwxr-xr-x 2 jimmy jimmy 4096 Oct 31 01:05 Backup  
-rw-r--r-- 1 jimmy jimmy 26 Aug 22 15:46 Carta.Identifier  
-rw-r--r-- 1 jimmy jimmy 157 Oct 16 16:56 IDUNICO  
-rw-r--r-- 1 root root 26 Nov 6 16:10 MyPer.txt  
-rw-r--r-- 1 jimmy jimmy 188 Nov 6 16:24 MyPer.txt.gpg  
-rw-r--r-- 1 jimmy jimmy 66819 Aug 29 13:56 PkgInstallApp025.txt  
-rwxr-xr-x 1 root root 1720 Oct 31 01:01 RespSep24.sh  
-rw-r--r-- 1 jimmy jimmy 63883 Aug 29 13:16 Uno.txt
```

```
jimmy@jimmyPC:~$ gpg -d cancion1.txt.gpg  
gpg: encrypted with rsa3072 key, ID 86FBC8863508BEDC, created 2025-11-07  
"jimmy (trabajo en equipo) <jimmy_fonseca_android@hotmail.com>"  
happies is a butterfly de lana del rey  
jimmy@jimmyPC:~$ gpg -d cancion1.txt.gpg > abi.txt  
gpg: encrypted with rsa3072 key, ID 86FBC8863508BEDC, created 2025-11-07  
"jimmy (trabajo en equipo) <jimmy_fonseca_android@hotmail.com>"  
jimmy@jimmyPC:~$ ls -l  
total 384  
drwxr-xr-x 3 root root 4096 Oct 30 14:09 '$'  
drwxr-xr-x 2 jimmy jimmy 4096 Oct 31 01:05 Backup  
-rw-r--r-- 1 jimmy jimmy 26 Aug 22 15:46 Carta.Identifier  
-rw-r--r-- 1 jimmy jimmy 157 Oct 16 16:56 IDUNICO  
-rw-r--r-- 1 root root 26 Nov 6 16:10 MyPer.txt  
-rw-r--r-- 1 jimmy jimmy 188 Nov 6 16:24 MyPer.txt.gpg  
-rw-r--r-- 1 jimmy jimmy 66819 Aug 29 13:56 PkgInstallApp025.txt  
-rwxr-xr-x 1 root root 1720 Oct 31 01:01 RespSep24.sh  
-rw-r--r-- 1 jimmy jimmy 63883 Aug 29 13:16 Uno.txt  
-rw-r--r-- 1 jimmy jimmy 40 Nov 7 17:11 abi.txt  
-rw-r--r-- 1 jimmy jimmy 2468 Nov 7 16:49 abikay.asc  
-rw-r--r-- 1 jimmy jimmy 25 Nov 7 16:50 abikay.asc:Zone.Identifier  
-rwxr-xr-x 1 root root 177 Oct 17 00:49 addition.sh  
-rw-r--r-- 1 jimmy jimmy 594 Nov 7 16:00 backup_dir1.log  
-rwxr-xr-x 1 root root 430 Oct 21 01:05 backup_dir1.sh  
-rw-r--r-- 1 jimmy jimmy 452 Oct 31 00:00 backup_dir2.log  
-rwxr-xr-x 1 root root 527 Oct 22 17:29 backup_dir2.sh  
-rwxr-xr-x 1 root root 350 Oct 21 01:14 backup_dir3.sh  
drwxr-xr-x 2 jimmy jimmy 4096 Nov 7 16:00 backups  
-rwxr-xr-x 1 root root 225 Oct 17 00:56 bucles.sh  
-rw-r--r-- 1 root root 25 Nov 7 16:51 cancion.txt  
-rw-r--r-- 1 jimmy jimmy 586 Nov 7 17:02 cancion.txt.gpg  
-rw-r--r-- 1 jimmy jimmy 520 Nov 7 16:59 cancion1.txt.gpg  
-rw-r--r-- 1 jimmy jimmy 25 Nov 7 17:03 cancion1.txt.gpgs:Zone.Identifier  
-rw-r--r-- 1 jimmy jimmy 867 Oct 9 23:44 comandos09Oct25.txt  
-rwxr-xr-x 1 root root 798 Oct 16 16:55 create_user.sh  
-rw-r--r-- 1 jimmy jimmy 261 Oct 17 16:03 cronCF.txt  
-rw-r--r-- 1 jimmy jimmy 29 Oct 17 16:05 cronCF2.txt  
-rwxr-xr-x 1 root root 73 Oct 17 00:52 direct.sh  
drwxr-xr-x 2 jimmy jimmy 4096 Oct 20 23:57 directoria1  
drwxr-xr-x 4 jimmy jimmy 4096 Oct 23 23:32 directoria2  
-rw-r--r-- 1 jimmy jimmy 72 Nov 6 15:48 documento.txt  
-rw-r--r-- 1 jimmy jimmy 256 Nov 6 15:54 documento.txt.asc  
-rw-r--r-- 1 root root 144 Nov 6 16:05 documento.txt.gpg  
drwxr-xr-x 13 jimmy jimmy 4096 Sep 5 03:14 fastfetch  
-rw-r--r-- 1 jimmy jimmy 77 Sep 25 15:35 fonseca.txt  
-rw-r--r-- 1 jimmy jimmy 30 Oct 16 16:13 hola_mundo.txt  
-rw-r--r-- 1 jimmy jimmy 2497 Nov 7 16:47 jimmykey.asc  
-rw-r--r-- 1 jimmy jimmy 5261 Nov 7 16:04 keySecretSebas.asc  
-rw-r--r-- 1 jimmy jimmy 25 Nov 7 16:20 keySecretSebas.asc:Zone.Identifier  
-rw-r--r-- 1 jimmy jimmy 25 Nov 7 15:20 keyToni.asc  
-rw-r--r-- 1 jimmy jimmy 25 Nov 7 16:02 keyToni.asc:Zone.Identifier  
-rw-r--r-- 1 jimmy jimmy 693 Nov 6 16:45 llaves.asc  
-rw-r--r-- 1 jimmy jimmy 664 Nov 6 16:47 llavesHaz.asc  
-rw-r--r-- 1 jimmy jimmy 25 Nov 6 16:51 llavesHaz.asc:Zone.Identifier  
-rw-r--r-- 1 jimmy jimmy 5306 Nov 7 15:48 llaveskeyjimmy.asc  
-rw-r--r-- 1 jimmy jimmy 2521 Nov 7 15:39 llaveskeytony.asc
```



```
jimmy@jimmyPC: ~  
drwxr-xr-x 4 jimmy jimmy 4096 Oct 23 23:32 directorio2  
-rw-r--r-- 1 jimmy jimmy 72 Nov 6 15:48 documento.txt  
-rw-r--r-- 1 jimmy jimmy 256 Nov 6 15:54 documento.txt.asc  
-rw-r--r-- 1 root root 144 Nov 6 16:05 documento.txt.gpg  
drwxr-xr-x 13 jimmy jimmy 4096 Sep 5 03:14 fastfetch  
-rw-r--r-- 1 jimmy jimmy 77 Sep 25 15:35 fonsaca.txt  
-rw-r--r-- 1 jimmy jimmy 39 Oct 16 16:13 hola_mundo.txt  
-rw-r--r-- 1 jimmy jimmy 2497 Nov 7 16:47 jimmykey.asc  
-rw-r--r-- 1 jimmy jimmy 5261 Nov 7 16:04 keySecretSebas.asc  
-rw-r--r-- 1 jimmy jimmy 25 Nov 7 16:20 keySecretSebas.asc:Zone.Identifier  
-rw-r--r-- 1 jimmy jimmy 2505 Nov 7 15:20 keyToni.asc  
-rw-r--r-- 1 jimmy jimmy 25 Nov 7 16:02 keyToni.asc:Zone.Identifier  
-rw-r--r-- 1 jimmy jimmy 693 Nov 6 16:05 llaves.asc  
-rw-r--r-- 1 jimmy jimmy 664 Nov 6 16:47 llavesHaz.asc  
-rw-r--r-- 1 jimmy jimmy 25 Nov 6 16:51 llavesHaz.asc:Zone.Identifier  
-rw-r--r-- 1 jimmy jimmy 5306 Nov 7 15:48 llaveskeyjimmy.asc  
-rw-r--r-- 1 jimmy jimmy 2521 Nov 7 15:30 llaveskeytony.asc  
-rw-r--r-- 1 jimmy jimmy 25 Nov 7 15:53 llaveskeytony.asc:Zone.Identifier  
-rw-r--r-- 1 root root 76 Nov 7 15:33 mensaje.txt  
-rw-r--r-- 1 jimmy jimmy 975 Nov 7 15:39 mensaje1.txt.gpg  
-rw-r--r-- 1 jimmy jimmy 25 Nov 7 16:22 mensaje1.txt.gpg:Zone.Identifier  
-rw-r--r-- 1 jimmy jimmy 18 Sep 25 15:36 monosaurio.txt  
drwxr-xr-x 2 jimmy jimmy 4096 Oct 17 00:53 mydir  
-rw-r--r-- 1 root root 77 Oct 16 16:15 name.sh  
-rw-r--r-- 1 jimmy jimmy 6 Oct 16 16:16 nombre.txt  
-rw-r--r-- 1 jimmy jimmy 198 Sep 25 15:44 output.txt  
-rw-r--r-- 1 jimmy jimmy 95 Sep 25 15:43 salida.txt  
-rw-r--r-- 1 jimmy jimmy 95 Sep 25 15:39 salidal.txt  
-rw-r--r-- 1 root root 74 Oct 17 00:48 testfunction.sh  
-rw-r--r-- 1 jimmy jimmy 6 Sep 25 16:06 uno.txt  
-rw-r--r-- 1 jimmy jimmy 6 Oct 17 16:30 update.txt  
-rw-r--r-- 1 root root 56 Nov 6 16:14 weper.txt  
-rw-r--r-- 1 jimmy jimmy 130 Nov 6 16:21 weper.txt.gpg  
-rw-r--r-- 1 root root 31 Nov 6 16:12 yourper.txt  
-rw-r--r-- 1 jimmy jimmy 216 Nov 6 16:13 yourper.txt.asc  
jimmy@jimmyPC:~$ sudo cat abi.txt  
happies is a butterfly de lana del rey  
jimmy@jimmyPC:~$
```