

Assignment 04

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CSE

1. Generate Primary Key

Yash Kapur valid

Remove

Export

Revoke

Default

Assigned user IDs

Add new

Primary	Name	Email	Status	Key server	Signatures
✓	Yash Kapur	yash14mail@gmail.com	valid	synchronized	1 >

The key data on the Mailvelope key server is up to date.

Remove all user IDs

Key details

Main Key 63BD90BBDAACA605

Status

Created

Expires

Password

valid

11/11/2022

never

Change

.....

Change

Key ID

Algorithm

Length

PGP Fingerprint

63BD90BBDAACA605

RSA (Encrypt or Sign)

4096


EC89 A950 8BE7 85C3 8638 8ACC 63BD 90BB DAAC A605

2. Import Keys of recipients

Import Keys

You can add keys either as file or as text from the clipboard.

Select files

 ASC 0xFACCCDB44-pub X


Drag file to this window or






Add file

3. Importing Keys-

Confirm key to import

After confirmation, this key is transferred to the local keyring:

Key ID	Name	Email	PGP Fingerprint
 C4ECF043FACCCDB44	Rachna Kapur	rachnakapur34@gmail.com	A9D6 36F9 A1CA 5BD1 9F29 FCE C4EC F043 FACC DB44

	Name	Email	Key ID	Created	
	Rachna Kapur	rachnakapur34@gmail.com	C4ECF043FACCEB44	2022-11-11	>
	Udit Kapur	uditkapur1509@gmail.com	17E062EA72EE7F8B	2022-11-11	>
	Yash Alternate	ykofficialmailbox@gmail.com	B5E7FD5CBC7FA998	2022-11-11	>
	Yash College	yashkapur.btcse20@pec.edu.in	F72A75FA770993D1	2022-11-11	>
	Yash Kapur Default	yash14mail@gmail.com	63BD90BBDAAACA605	2022-11-11	>

4. Assign trust levels-

Assigned user IDs

Primary	Name	Email	Status	Signatures	
✓	Rachna Kapur	rachnakapur34@gmail.com	valid	1	>

Key details

Main Key C4ECF043FACCEB44

Status	valid	Key ID	C4ECF043FACCEB44
Created	11/11/2022	Algorithm	RSA (Encrypt or Sign)
Expires	never	Length	4096
		PGP Fingerprint	A9D6 36F9 A1CA 5BD1 9F29 FCB5 C4EC F043 FACC DB44

5. Generate text for encryption-

*New Text Document (2).txt - Notepad

File Edit View

Lorem Ipsum is simply dummy text of the printing and typesetting industry. Lorem Ipsum has been the industry's standard dummy text ever since the 1500s, when an unknown printer took a galley of type and scrambled it to make a type specimen book. It has survived not only five centuries, but also the leap into electronic typesetting, remaining essentially unchanged. It was popularised in the 1960s with the release of Letraset sheets containing Lorem Ipsum passages, and more recently with desktop publishing software like Aldus PageMaker including versions of Lorem Ipsum

6. Encrypt text-

Encrypt data

Encrypt

Recipient

✔ ykofficialmailbox@gmail.com ✕

✔ yashkapur.btcse20@pec.edu.in ✕

✔ rachnakapur34@gmail.com ✕

✔ uditkapur1509@gmail.com ✕

Encrypted data is signed with your key (yash14mail@gmail.com)

Change

Remove signature

Attachments

TXT secret ✕

Drag file to this window or

Add file

Enter key password

Yash Kapur <yash14mail@gmail.com>

63BD90BBDAACA605

Please enter your key password to sign this message.

☒ Remember password temporarily

Cancel

OK

< Encrypt data

Encryption successful

Encrypted for ykofficialmailbox@gmail.com, yashkapur.btcse20@pec.edu.in, rachnakapur34@gmail.com, uditkapur1509@gmail.com

Signed by Yash Kapur (yash14mail@gmail.com)

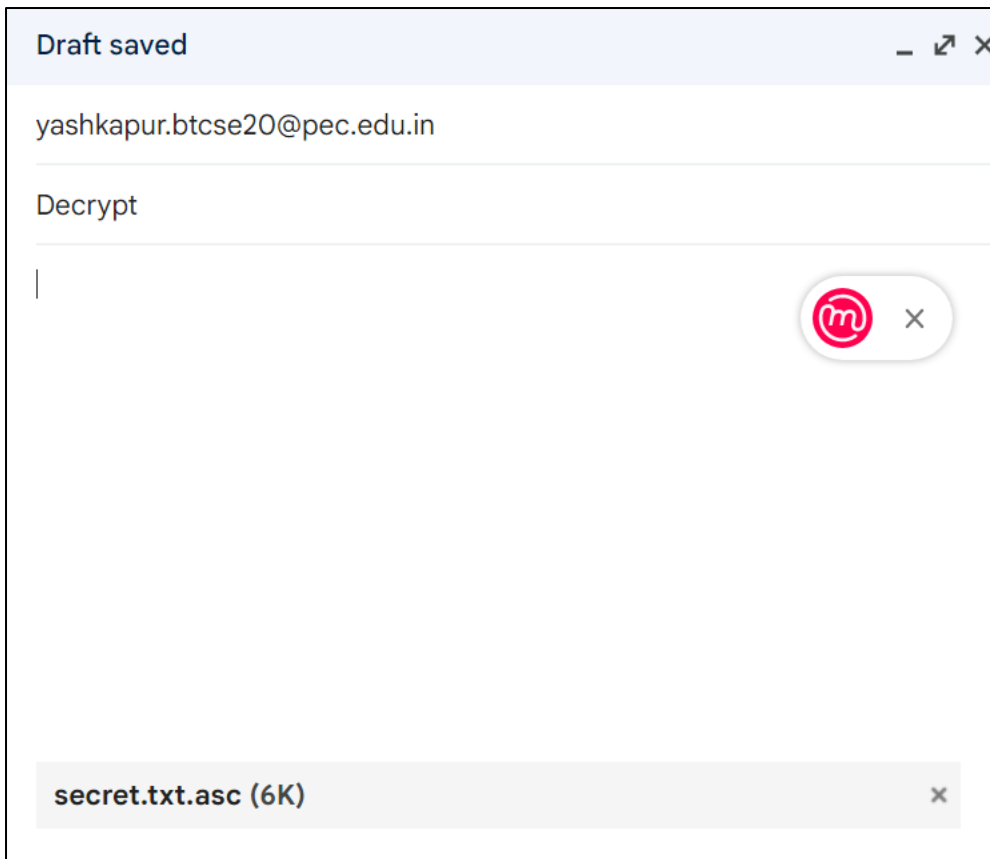
Encrypted files

📎

ASC secret.txt ⬇️ 📄

```
KjLHBAU4AOTRIKZAnys/dio8LCySdzcyUnPyyokT9CYu+gPuWiHogw/zTrnx
abMzVl//4EuHfB2oEVB9QYRQp8BbBmS8OLQGsvuxulvmzR/ye9EN0rlmwRTE
eAapggbv9EO76CLEB6mjvt4emVq5KTgTC3UjrVzkCsad9/kzHefXfggHaBB
UAq2zIBgFZ4PhD6edlvAUOt0CoO7MxjkRZiQSA9hcUm412fyceJAOrhtSiSz
rAxI85Ea22uR2EUTWEmaieXVa3Sesjw6GzUh0Jr0Oo4AccWsEsvcoe5BfiMa
xojCLEotWelt8DMDJCvHn0StsE1mmz/wkrHQR9aYLFMIFZ5OxpFKZvSnykUr
9jPvVY6l8XK51cDPY1dST5npQK4JnOMrdkbbMXZdqWva0H6OFJBH9rDdVHje
9t6weYIiARoflokR2LenB9FA/bah/o0v9BhUd1iMT8GE368lTMAaiIHM0Y
```

7. Sending mail-



8. Decrypted Mail-

