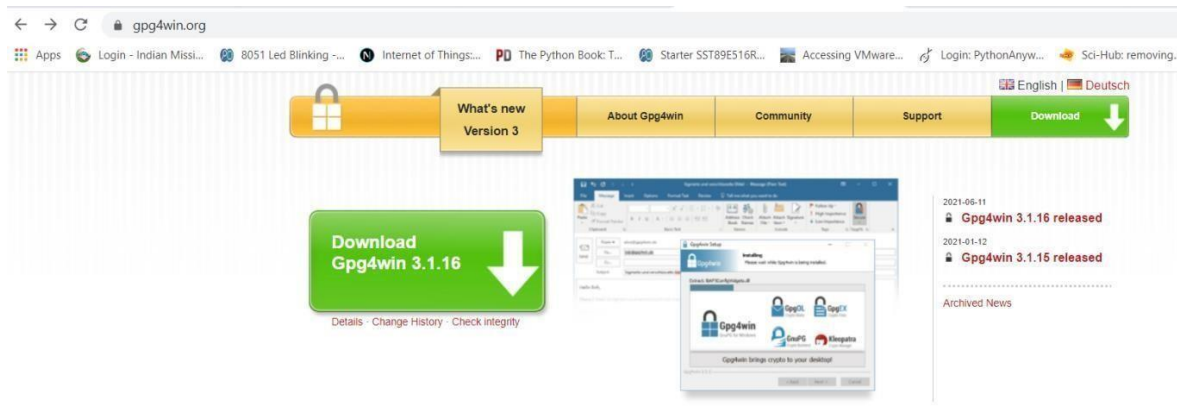


Procedure: Step 1:

Install gPg4win Tool by clicking the link (<https://www.gpg4win.org/thanks-for-download.html>)

Click Download



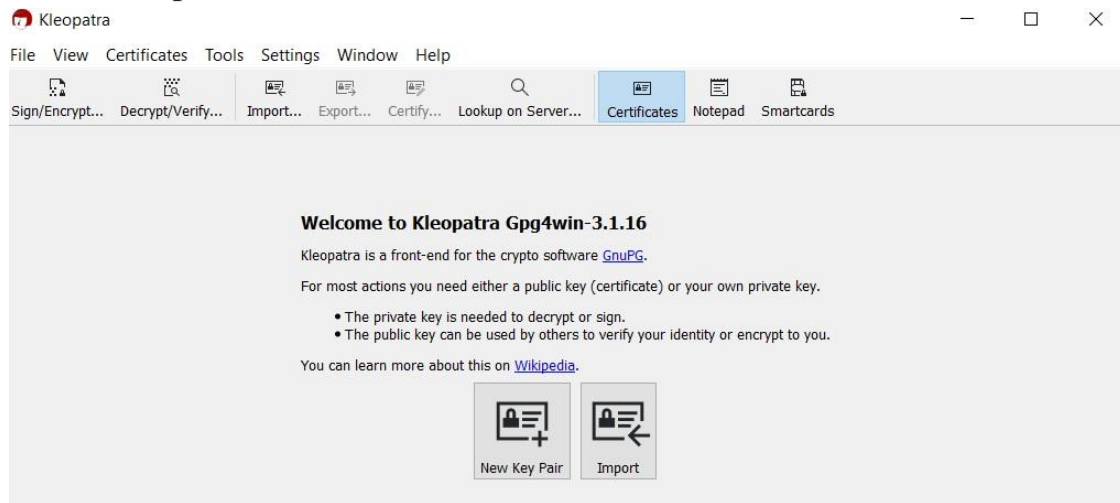
Click on 0 dollar and download



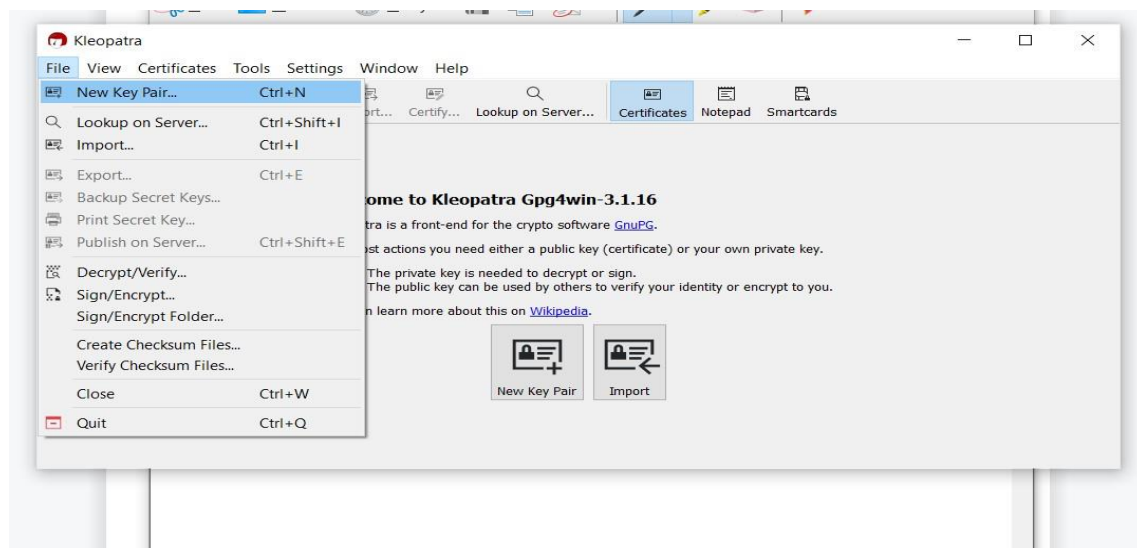
Click ok -----> Next -----> Select GPA and Browser Integration >
Install > Finish

Step 2:

Click Kleopatra Software



Click on File > New Key Pair



Select Create a OpenPGP Key Pair

← Key Pair Creation Wizard

Choose Format

Please choose which type you want to create.

- Create a personal OpenPGP key pair
OpenPGP key pairs are certified by confirming the fingerprint of the public key.
- Create a personal X.509 key pair and certification request
X.509 key pairs are certified by a certification authority (CA). The generated request needs to be sent to a CA to finalize creation.

Next

Cancel

Click Next and give User name “your name”

Mail as “yourname@gmail.com”

Click on **Protect the generated key with a passphrase**

Select Create

← Key Pair Creation Wizard

Enter Details

Please enter your personal details below. If you want more control over the parameters, click on the Advanced Settings button.

Name: (optional)

E-Mail: (optional)

☒ Protect the generated key with a passphrase.

user <user@gmail.com>

Advanced Settings...

Create Cancel

Give the password

Key pair will be created Successfully.

Click Finish

Step 3:

Go to the Kleopatra and right click the name field and click export and save it as public key

Go to the Kleopatra and right click the EMAIL field and click back up secret key as a private key

Step 4:

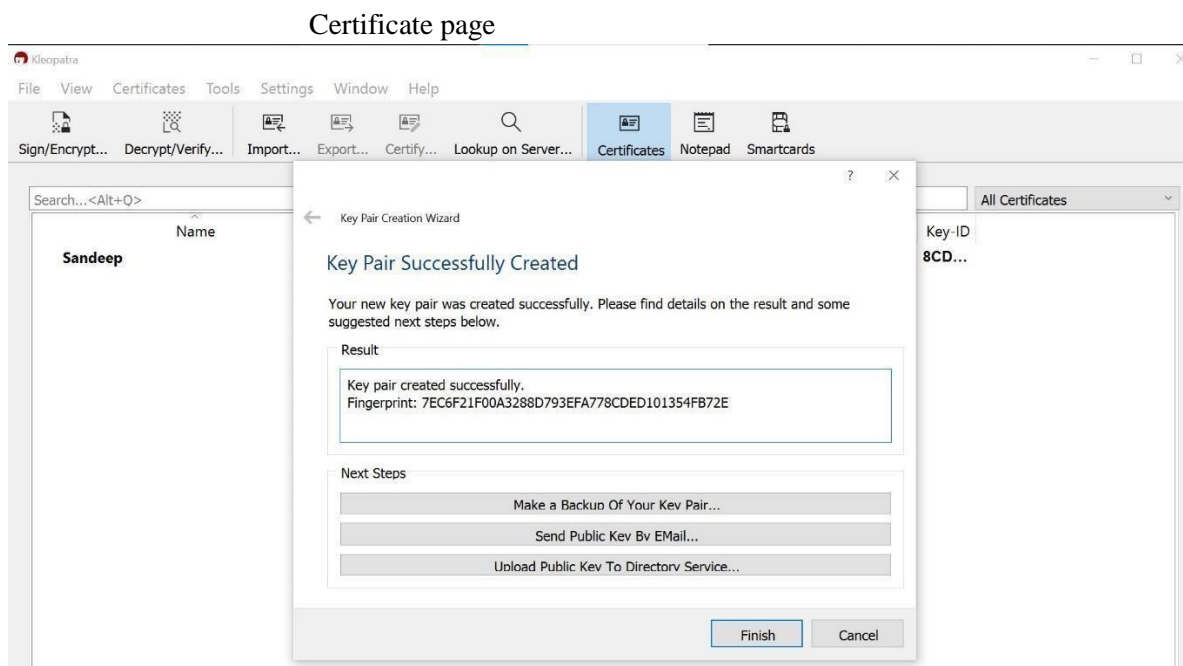
Go to Notepad and Type Any message you want to Send

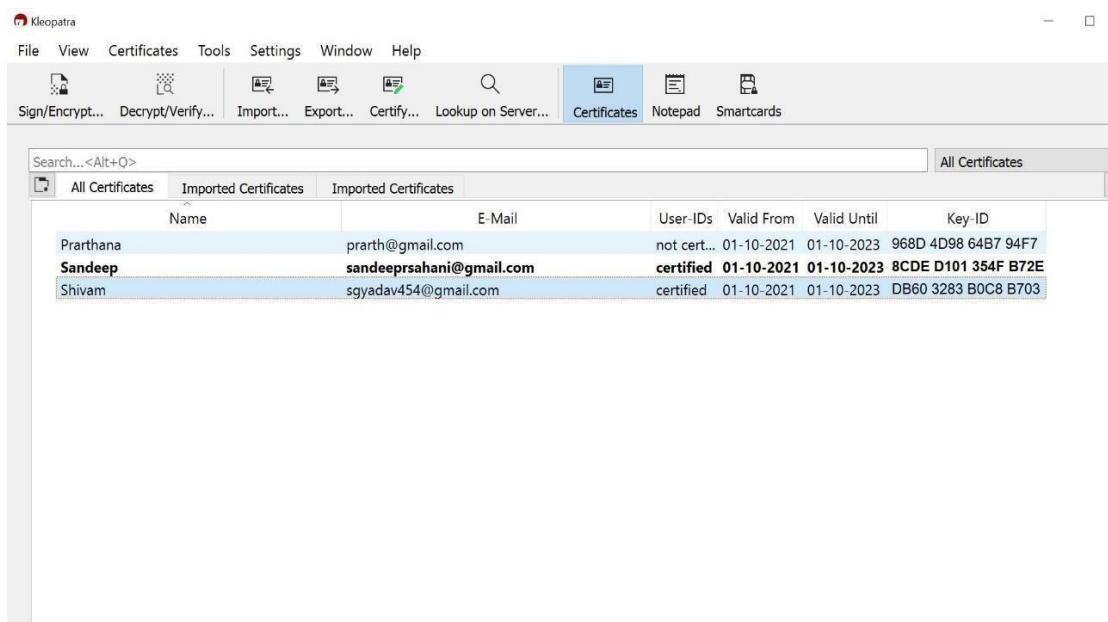
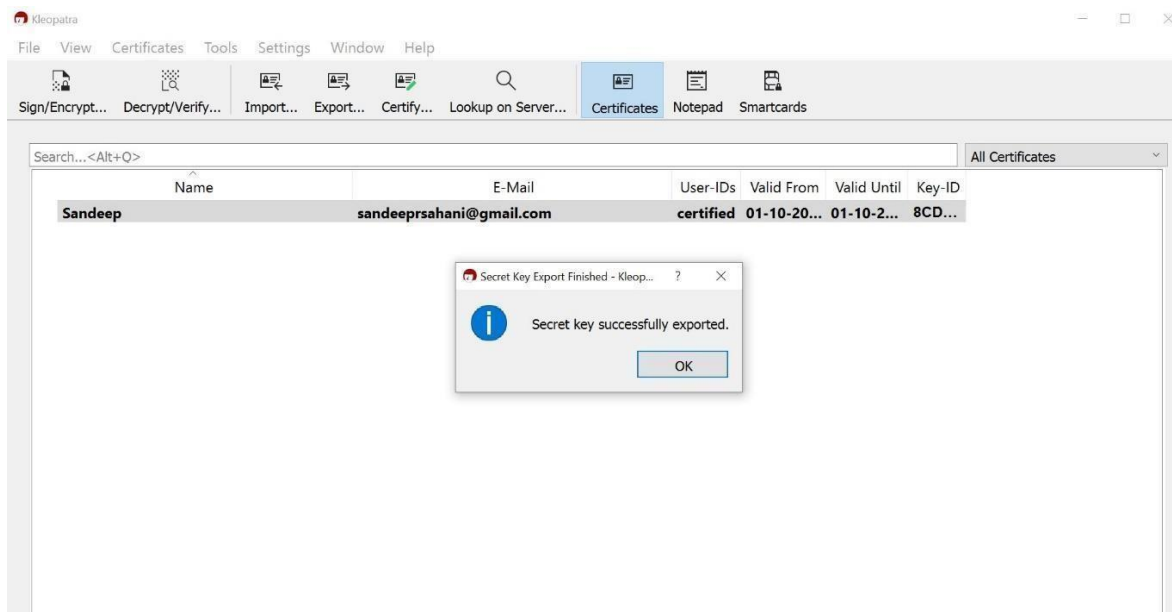
Step 5:

Copy the message you have written in the notepad and Go to the kleopatra and Select clipboard and Encrypt

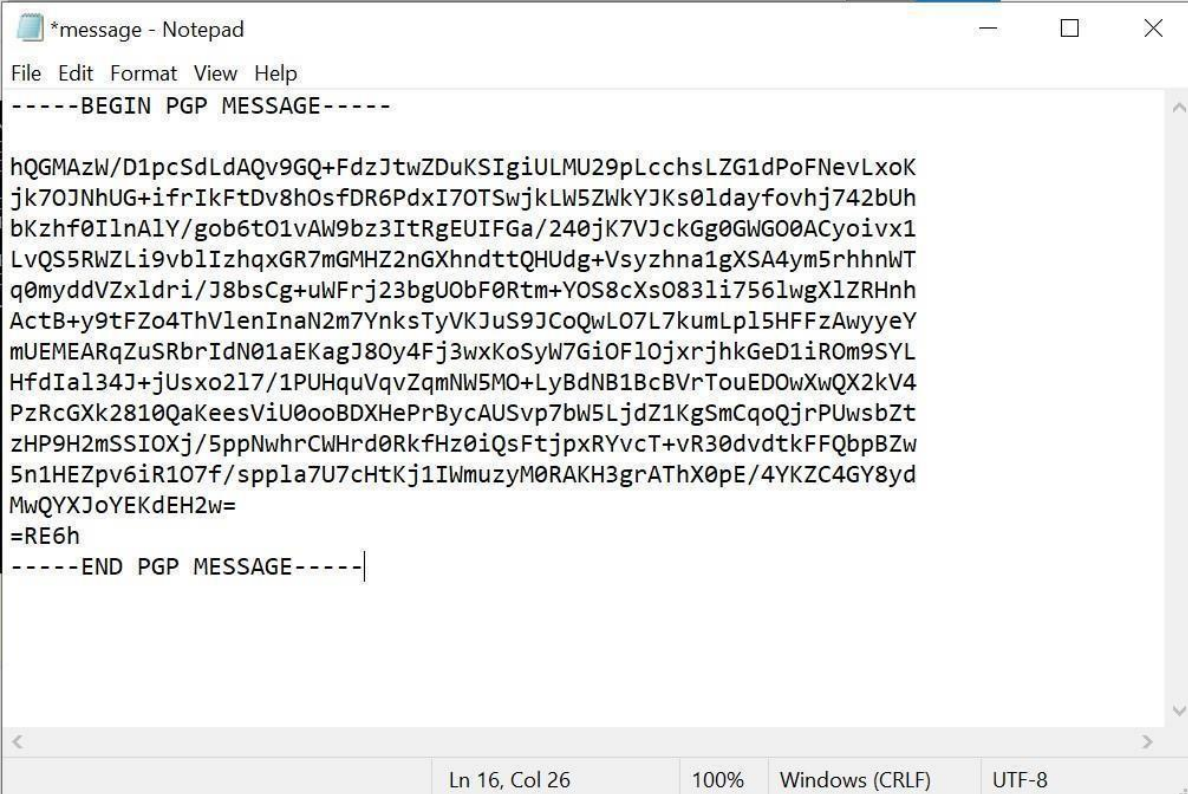
Step 6: Do the Same procedure for the Decryption

Output:





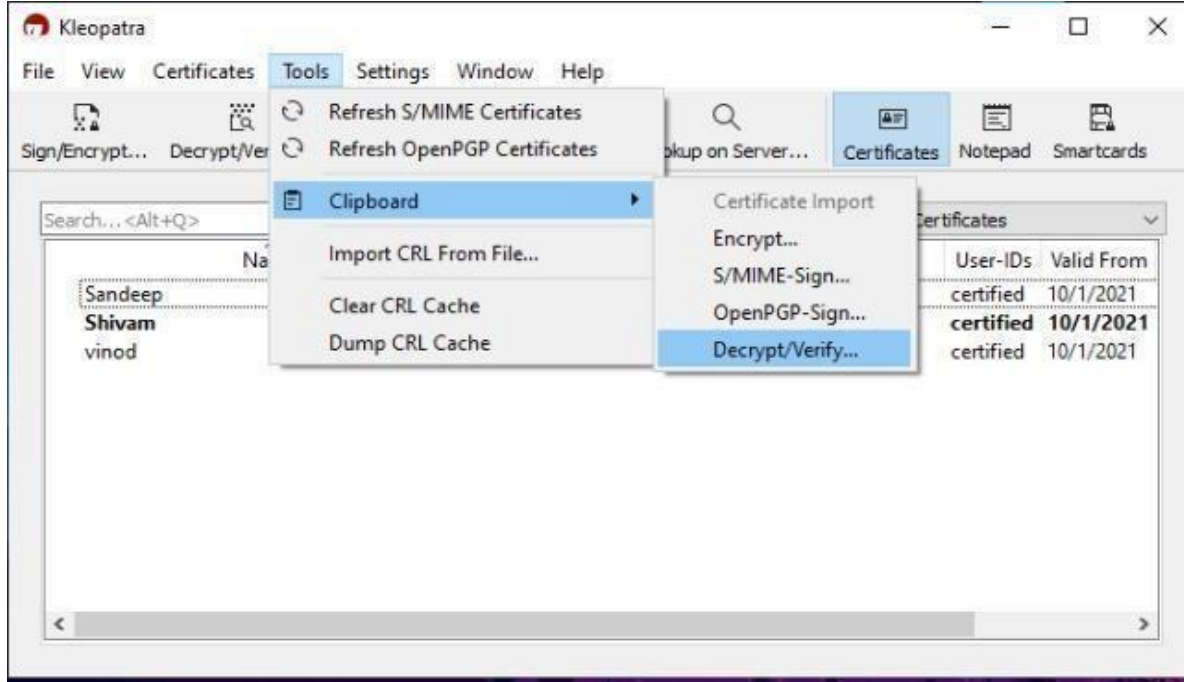
Message from Friend:



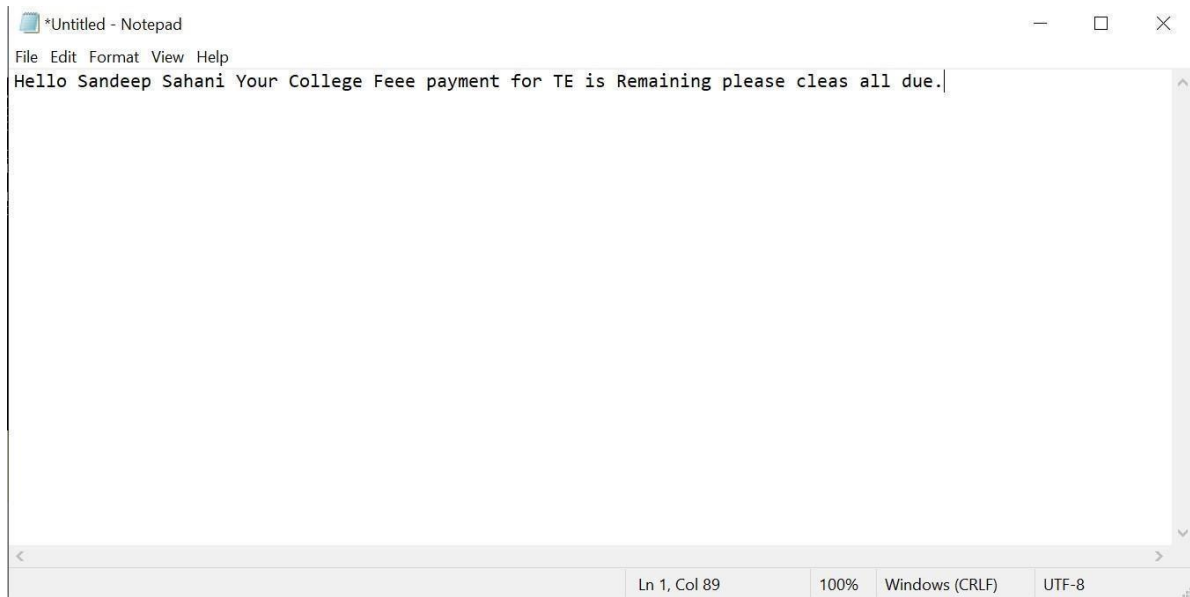
```
*message - Notepad
File Edit Format View Help
-----BEGIN PGP MESSAGE-----

hQGMaZw/D1pcSdLdAQv9GQ+FdzJtwZDuKSigiULMU29pLcchsLZG1dPoFNevLxoK
jk70JNhUG+ifrIkFtDv8h0sfDR6PdxI70TSwjkLW5ZWkYJKs0ldayfovHj742bUh
bKzhf0IlnAlY/gob6t01vAW9bz3ItRgEUIFGa/240jK7VJckGg0GWG00ACyoivx1
LvQS5RWZLi9vb1IzhqxGR7mGMHZ2nGXhndttQHUdg+Vsyzhna1gXSA4ym5rhhnWT
q0myddVZxldri/J8bsCg+uWFrj23bgUObF0Rtm+YOS8cXs083li756lwX1ZRhnH
ActB+y9tFZo4ThVlenIna2m7YnksTyVKJuS9JCoQwL07L7kumLp15HFFzAwyYyE
mUEMEARqZuSRbrIdN01aEKagJ80y4Fj3wxKoSyW7Gi0F10jxrjhkGeD1iR0m9SYL
HfdIa134J+jUsxo217/1PUHquVqvZqmNW5M0+LyBdNB1BcBvRtOuED0wXwQX2kV4
PzRcGXk2810QaKeesViU0ooBDXHePrBycAUSvp7bw5LjdZ1KgSmCqoQjrPUwsbZt
zHP9H2mSSIOXj/5ppNwhrCWHRd0RkfHz0iQsFtjpxRYvcT+vR30dvdtkFFQbpBZw
5n1HEZpv6iR107f/sppla7U7cHtKj1IWmuzyM0RAKH3grATHX0pE/4YKZC4GY8yd
MwQYXJoYEKdEH2w=
=RE6h
-----END PGP MESSAGE-----

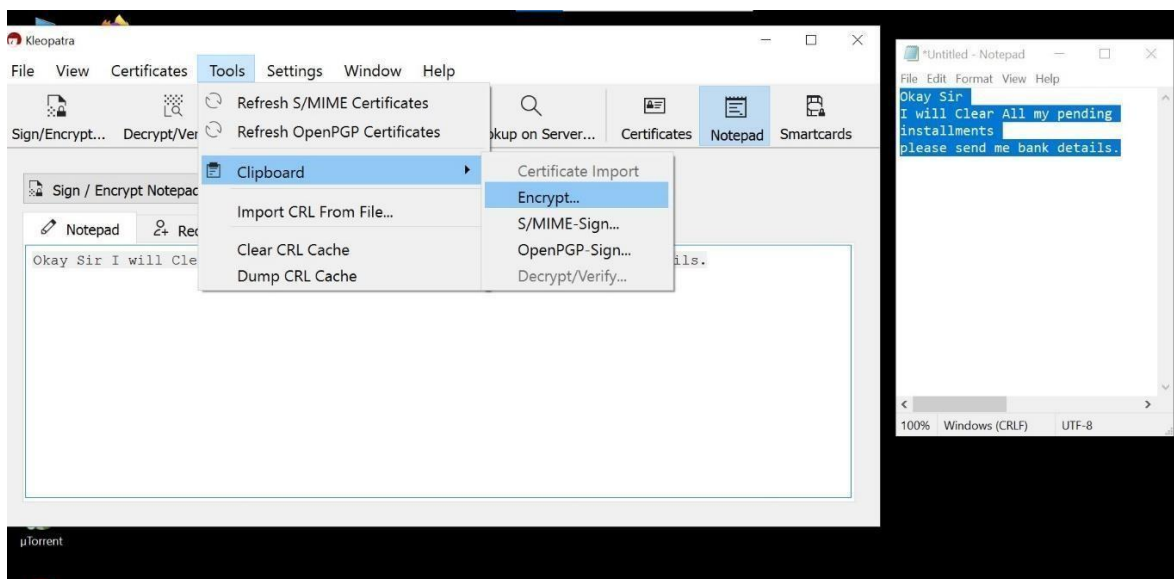
Ln 16, Col 26    100%    Windows (CRLF)    UTF-8
```



Decription of Friends Message:



Encrypting Message for Friend:



Recipients

Recipient

Shivam <sqyadav454@gmail.com> (B0C8B703) ▾ ...

Add Recipient...

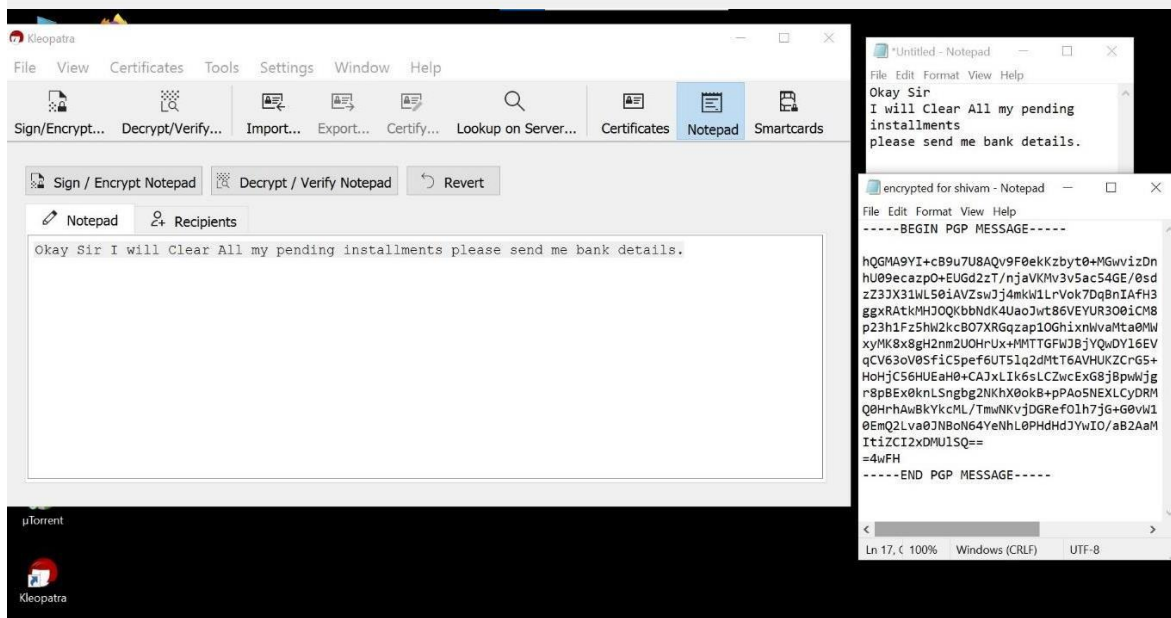
Remove Selected

☒ OpenPGP ☐ S/MIME**Warning:** None of the selected certificates seem to be your own. You will not be able to decrypt the encrypted data again.

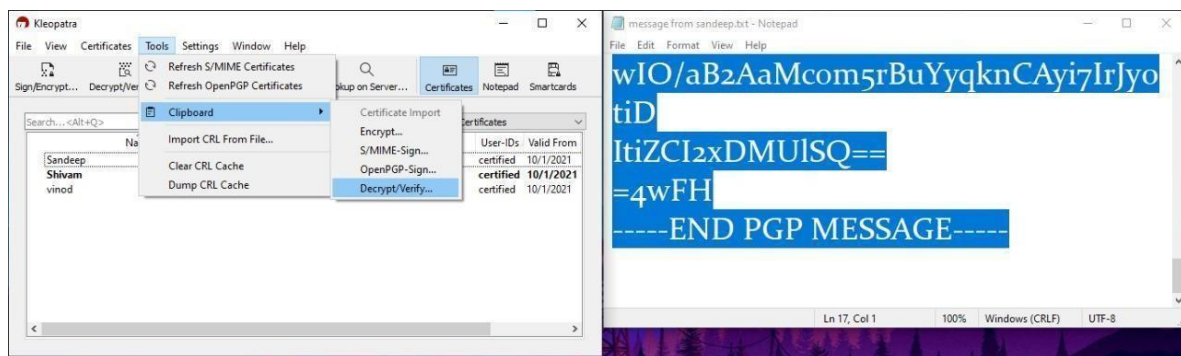
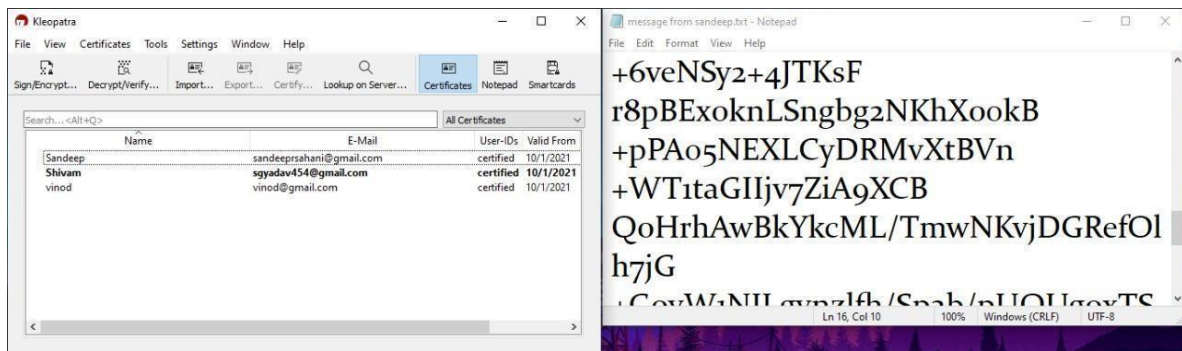
Back

Next

Cancel



Decryption From Friends End:



Decrypted by Friend:

