

# Internal Practical Exam (6CE2-A & B) of INS

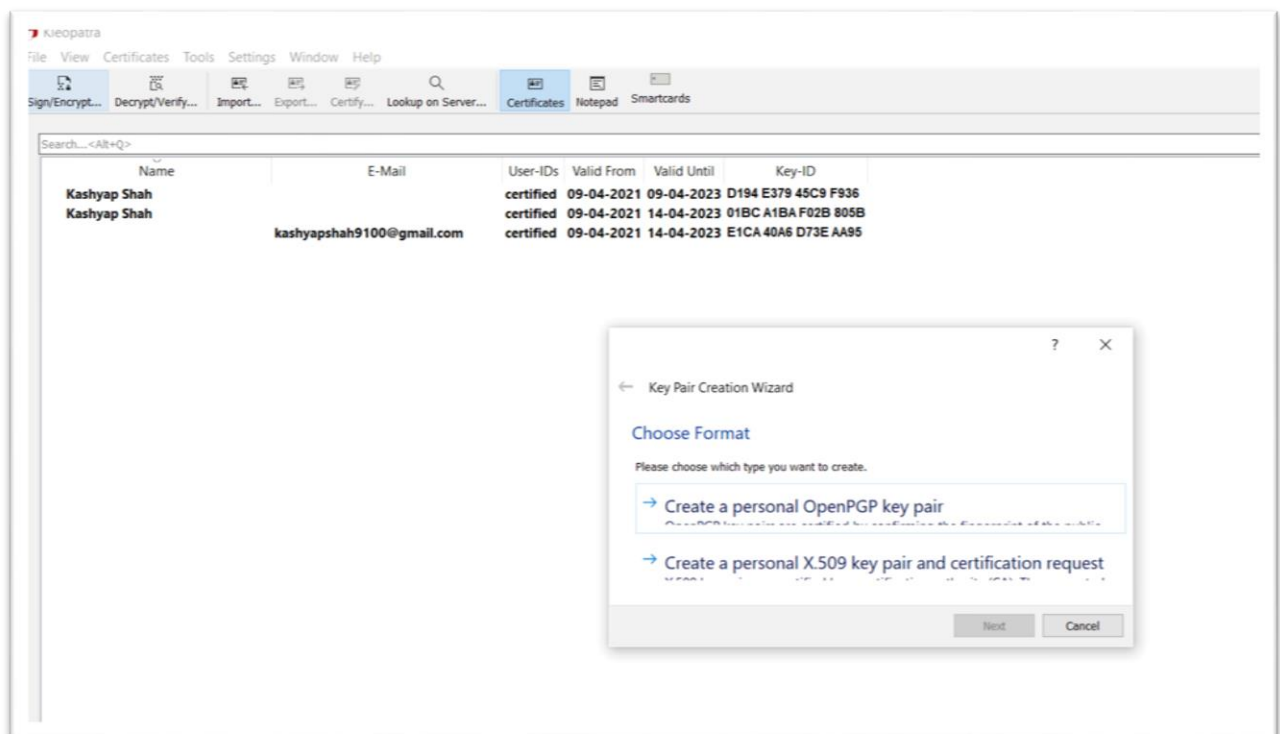
Kashyap Shah[18DCE115]

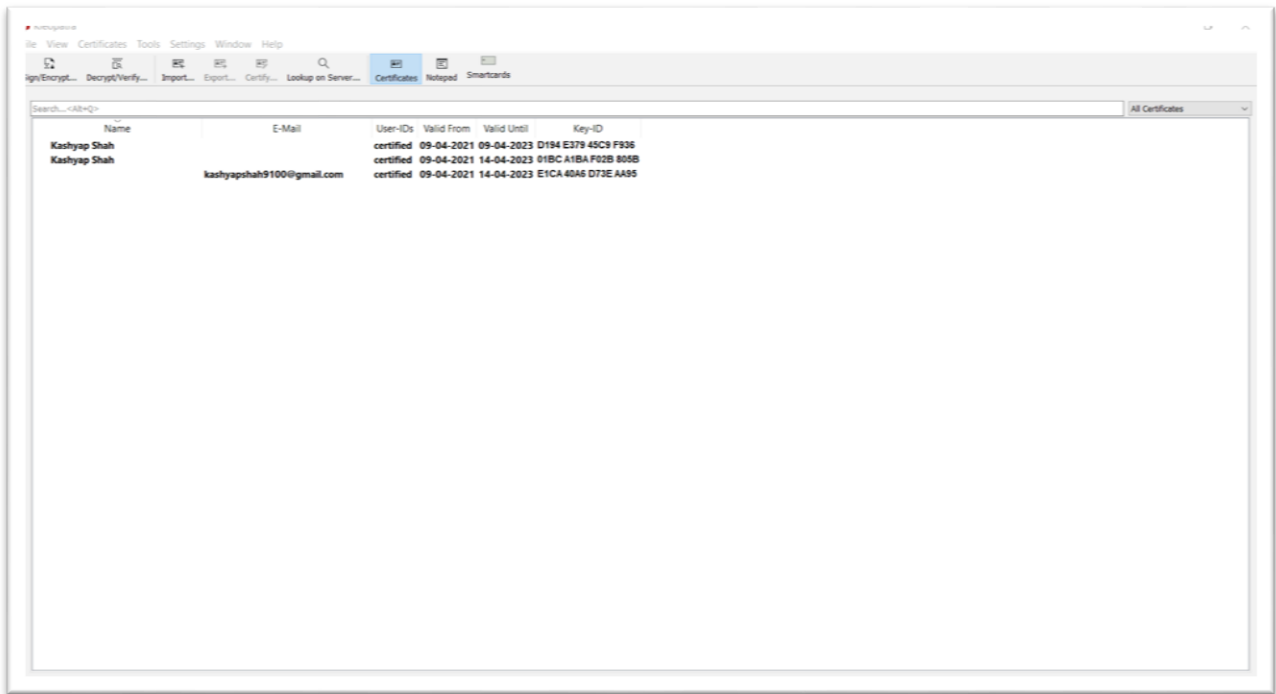
**AIM:** Implement GPG for windows and encrypt video file and decrypt video file using GPG tool.

## **STEPS:**

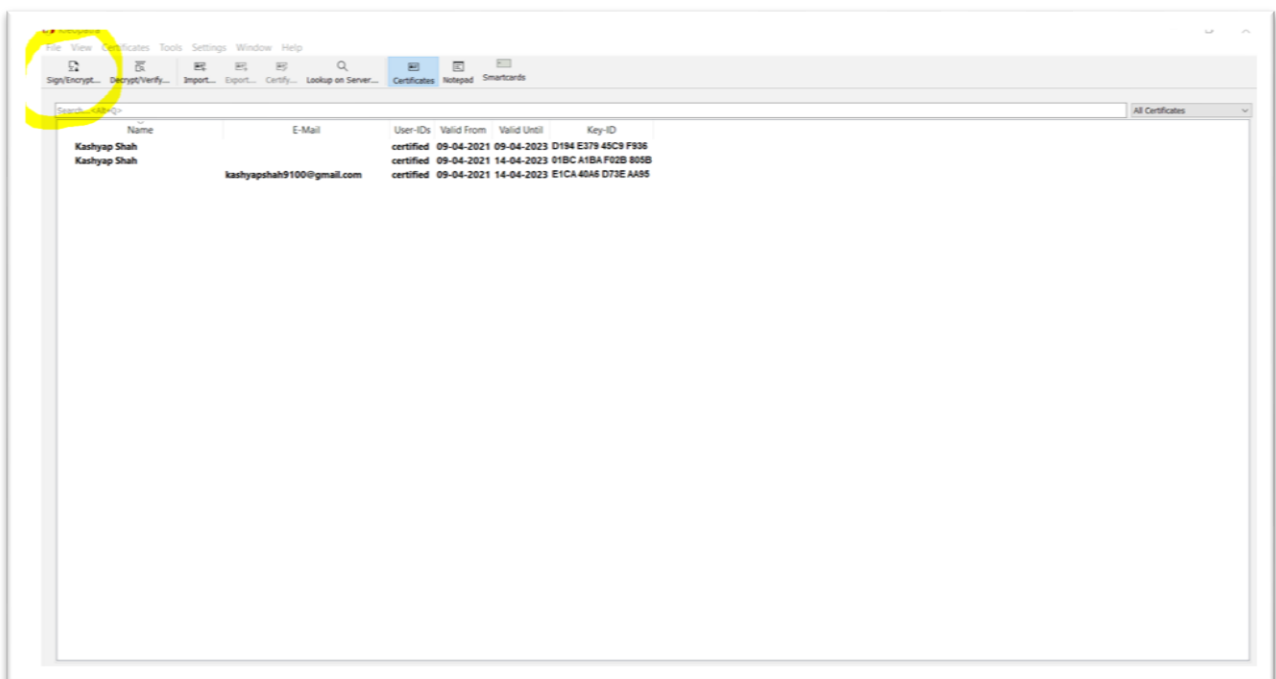
### **Encryption:**

- 1) Install Gpg4win and its components like Kleopatra from <https://www.gpg4win.org/>
- 2) Open Kleopatra and create your new key pair as per your requirements from: File -> New Key Pair -> Create personal OpenPGP key pair. (I have already created)

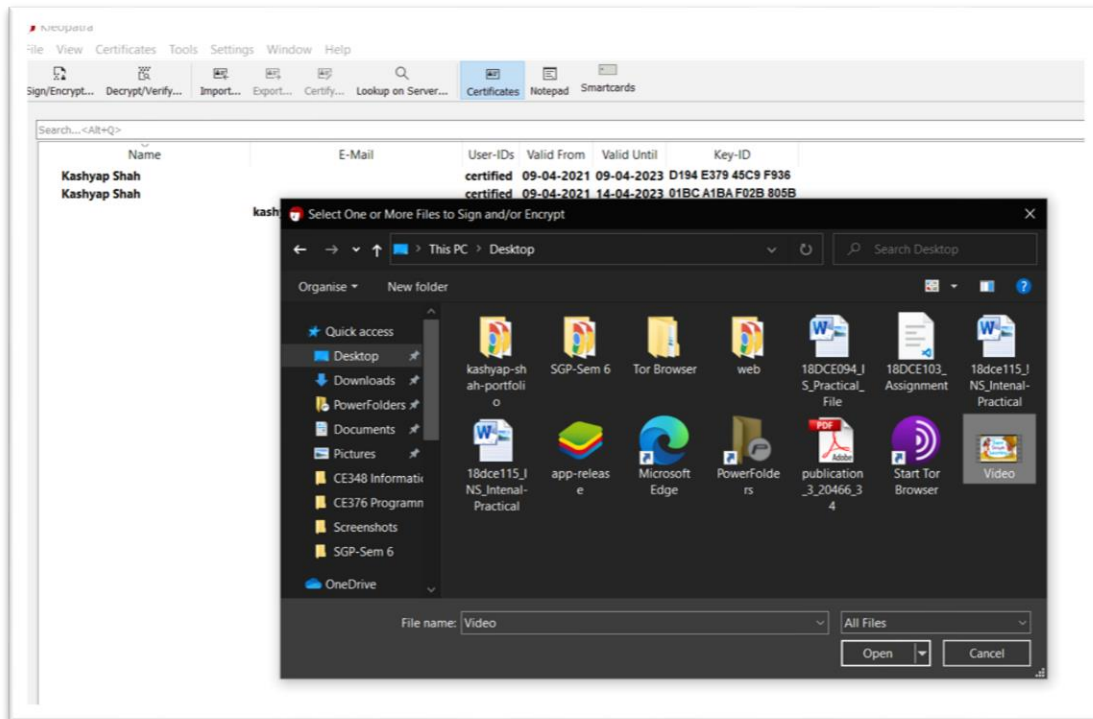




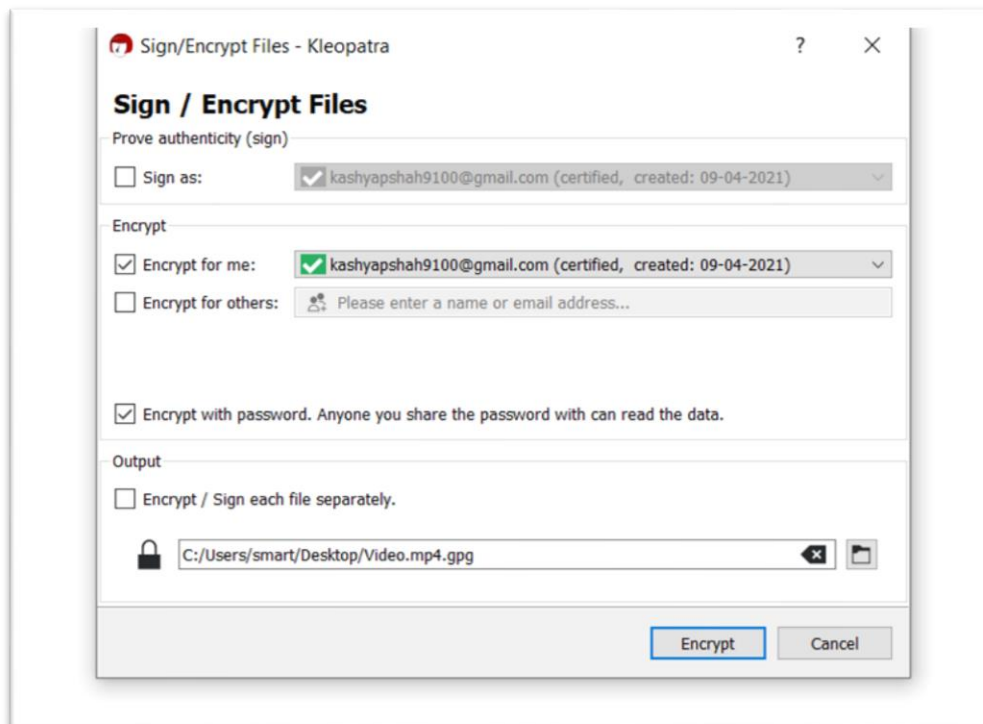
3) Then Click Sign/Encrypt on top right corner.



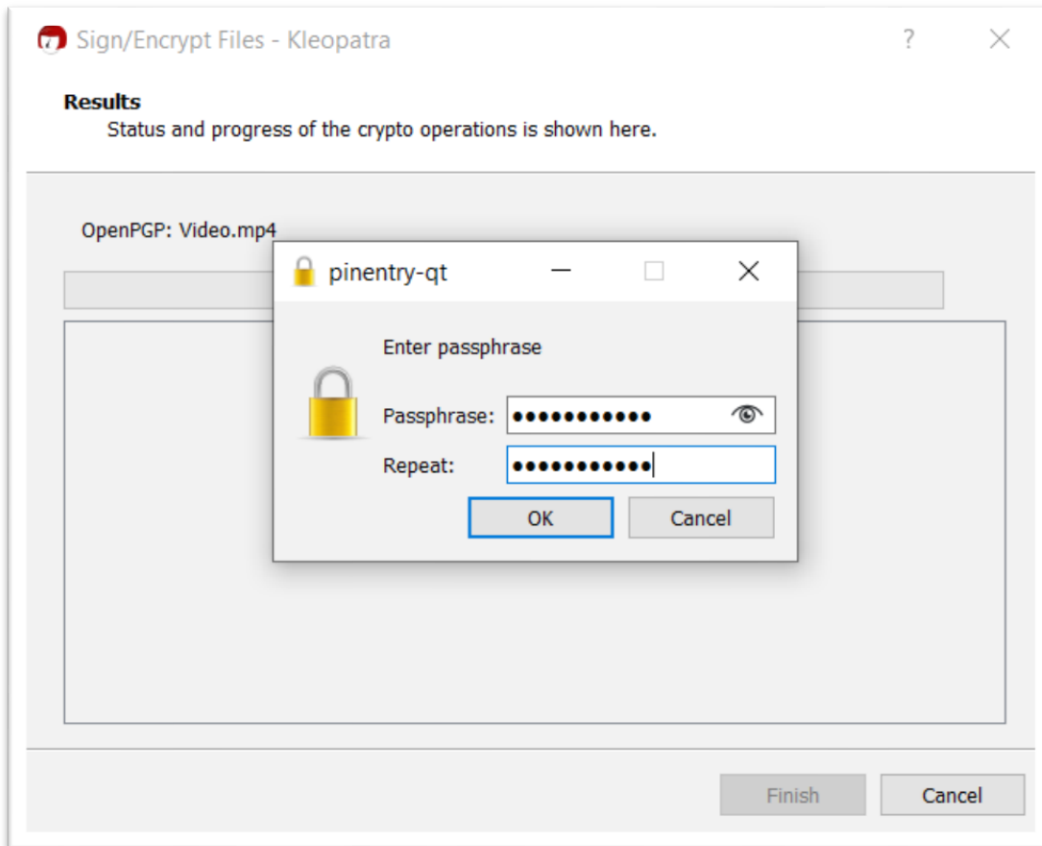
- 4) Select your video file and click open.

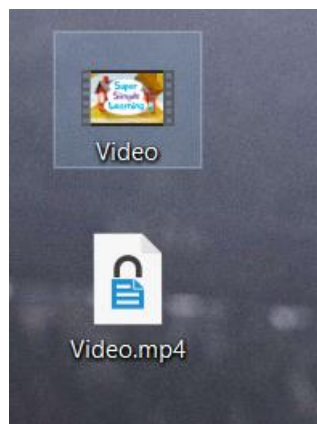
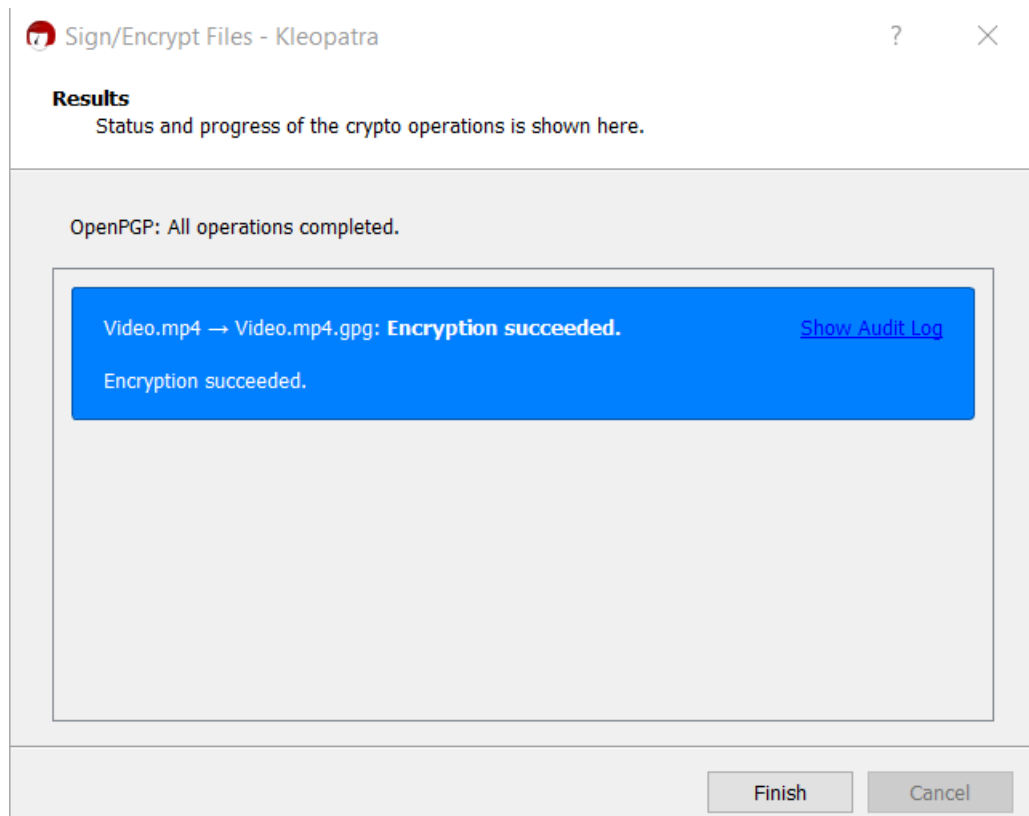


- 5) Then select as per your need if you have to encrypt for other or for only you or give a particular password to open file, all as per the needs and click “Encrypt” button.



- 6) For putting password it will send a pop-up as shown in screenshot below. Enter your password and click ok. And your video file will be encrypted.



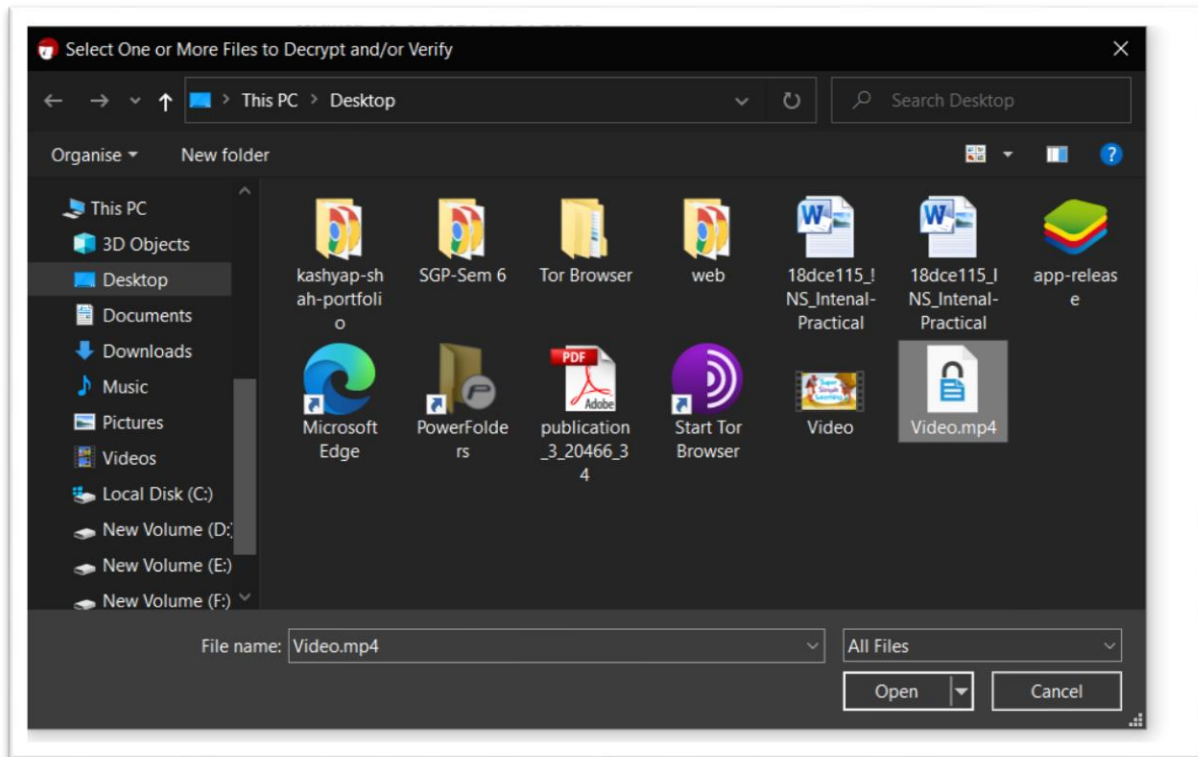


## **Decryption:**

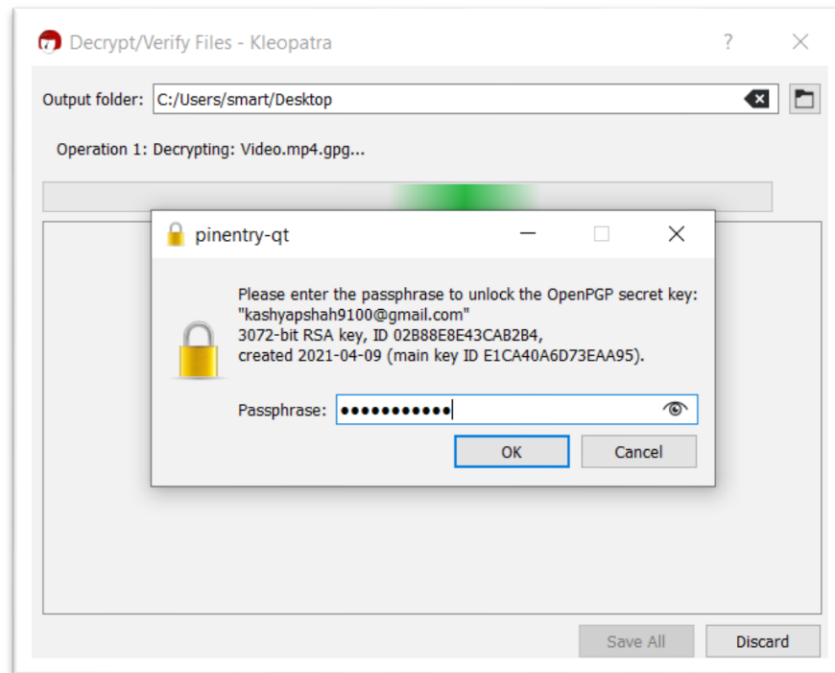
- 1) Open Kleopatra and click decrypt/Verify.



2) Then select your encrypted file and click open.



3) Enter the password if the encrypted file has password set or it will open automatically.



- 4) After that click save all and your required file will be decrypted and saved in the output folder location.

