

OUTPUT – ADVANCED ENCRYPTION TOOL

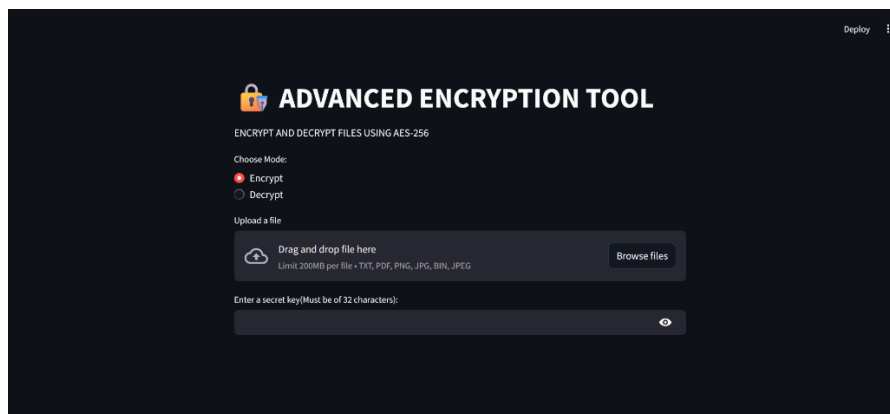
- Run the Streamlit website to follow Encryption and Decryption Process

```
PS C:\Users\surat\OneDrive\Desktop\TASK4> streamlit run Encryption.py

You can now view your Streamlit app in your browser.

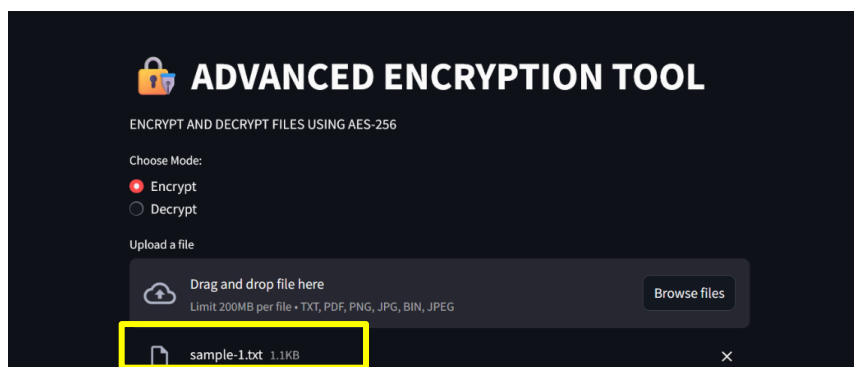
Local URL: http://localhost:8501
Network URL: http://192.168.206.253:8501
```

- The user interface will be opened with encryption and decryption facilities



Encryption

- Starting with Encrypting a text file data namely sample-1.txt as marked in the image (The files to be encrypted can be of jpg, pdf,txt,png,bin).
- The Streamlit considers jpg and jpeg, two different file formats although they are the same



- sample-1.txt

```
sample-1.txt
Sample Document

Fusce convallis metus id felis luctus adipiscing. Pellentesque egestas, neque sit amet convallis pulvinar, justo nulla eleifend augue, ac auctor orci leo non est. Fusce vel dui. Sed augue ipsum, egestas nec, vestibulum et, nulla facilisi. Phasellus accumsan cursus velit. Curabitur at lacus ac velit ornare lobortis. Maecenas vestibulum mollis diam. Phasellus blandit leo ut odio.

Praesent ac massa at ligula laoreet iscus. Pellentesque dapibus hendrerit tortor. Nam commodo suscipit quam. Sed a libero. Nullam nulla eros, ultricies sit amet, nonummy id, imperdiet feugiat, pede.

Pellentesque egestas, neque sit amet convallis pulvinar, justo nulla eleifend augue, ac auctor orci leo non est. Curabitur ullamcorper ultricies nisi. Pellentesque posuere. Fusce fermentum. Morbi vestibulum volutpat enim.

In enim justo, rhoncus ut, imperdiet a, venenatis vitae, justo. Curabitur a felis in nunc fringilla tristique. Donec mollis hendrerit risus. Vestibulum turpis sem, aliquet eget, lobortis pellentesque, rutrum eu, nisi. Probi
```

- A screenshot of a password manager interface. At the top, a light gray box contains a warning icon (a circle with an exclamation mark) and the text "No username (02-04-2025)" and "From this website". Below this, a button with a key icon and the text "Use a Securely Generated Password" is visible. Underneath the button is a link that says "Manage Passwords". At the bottom of the interface, there is a dark gray input field with a vertical cursor on the left and a red eye icon on the right, indicating a password field.

- **Download the encrypted file and save it**

- **Encrypted file:**



-

- Enter a secret key(Must be of 32 characters):

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Download Decrypted File

- DecryptedSample1.txt
- Sample Document
- Puice conwallis natus in felis luctus adipiscing. Pellentesque egestas, neque sit aene conwallis pulvinar, justo nulla eleifend augue, ac auctor orci leo non est. Puice vel dui. Sed augue ipsum, egestas nec, vestibulum etiam.
- Nulla facilisi. Phasellus accumsan cursus velit. Curabitur et lacus ac wiliam erat imperdiet. Pereneas vestibulum nullam dui. Phasellus blandit leo ut odio.
- Present ac massa et ligula laoreet lacinia. Pellentesque dapibus hendrerit tortor, non commodo sagittis nunc. Sed a libero. Nullam nulla eros, ultricies sit aene,ummy id, imperdiet tunc, pede.
- Pellentesque egestas, neque sit aene conwallis pulvinar, justo nulla eleifend augue, ac auctor orci leo non est. Curabitur ullamcorper ultricies nisi. Pellentesque posuere. Puice fermentum. Portt vestibulum volutpat metus.
- In enim justo, rhoncus ut, imperdiet a, venenatis vitae, justo. Curabitur a felis in nunc. Fugilla tristique. Donec nullam hendrerit risus. Vestibulum turpis con, aliquet eget, imperdiet pellentesque, rutrum eu, nisi. P.