



ENCRYPTION APPLICATION

PYTHON PROJECT

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DAHAKA ENCRYPTION MONSTER



INTRODUCTION

This is a encryption and decryption program which will encrypt and decrypt your files or entire folder too.

It uses AES algorithm to encrypt the data and also takes a key

If the user has the right key using which the data was encrypted, then only will they be able to decrypt the files or folders

Storing the data in encrypted form is much safer than storing it in plain text

This program can encrypt all kinds of files such as images, videos, text etc.

The program is integrated with tkinter to give a graphical user interface.

In exe format the file it can work on any system

MODULES USED

Crypto

Crypto.cypher

AES

Time

Tkinter

Pillow

Base64

Os

BASIC WORKING

- First the program will check if the user has a password file
- If not, the it will prompt to create a new password
- Then confirm it
- Then save it in encrypted form inside the same directory
- Then it will prompt the user to restart the program
- After restarting, when there is a password file in the directory
- It will ask for the password
- After entering the password, the main menu will be displayed
- Choose one option to perform that action
- Option 1 and 2 will prompt for a filename or path
- Option 3 and 4 will just encrypt or decrypt the current directory
- The password will act as a key for all the encryption in the current session
- The password will be saved in encrypted form
- If the password file is there then the program will not ask to create a new password
- The program is converted into an executable so it may have some bugs

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