Cryptography

Using Python

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| * Project Title : | Cryptography using Python |
| * Type : | Minor Project |
| * Duration : | from 11/08/2022 to 13/08/2022 |
| * OS Platform : | Parrot OS (Security Edition) |
| * Text Editor : | nano and pluma |
| * Language : | Python Programming language |
| * Package’s : | cryptography.fernet |
| * Module : | os and Fernet |
| * Cryptography : | Symmetric (Secret Key) |
| * Algorithm : | AES (128 bit key) |
| * Files(.py) : | 1. encryption.py 2. decryption.py 3. thekey.key |
| * Details : | * Project includes cryptography technique for encryption and decryption of files. * Python’s in-built packages used for implementation of algorithm. * Files are encrypted through AES algorithm which is symmetric algorithm. * Decryption of files takes place by same key which used for encryption. |