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URL Indemnity and Bookmark Enshroud using AES Algorithm

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Abstract: *The goal is to get access to the computer or the information it holds, as well as to collect personal information in various methods. Because the security of electronic data is such a critical problem, the commercial and governmental sectors have adopted a variety of approaches and procedures to secure sensitive data from hackers. As a result, we made an attempt to suggest an enhanced way for securing our data from threats through the use of encryption and decryption. The system's recommended strategy is to use encryption and decryption methods to safeguard URLs and bookmarks. The Advanced Encryption Standard (AES) technique is used to encode and decode URLs in this project. By adding a password to the link, this tool encrypts and decrypts URLs. When visiting an encrypted URL, the user will be prompted for a password. If the password is correct, this software will link viewers to the hidden web page. Otherwise, you'll get an error notice. Each encrypted URL is fully stored in the link generated by this software. Knocking sequence is used to hide bookmarks; only users who know the correct order of the series may access the bookmark*

Keywords: Decryption, URL, AES

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