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AN ALGORITHM ON TEXT BASED SECURITY IN MODERN CRYPTOGRAPHY

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ABSTRACT

Security is the most challenging aspect in the internet and computer network applications. Cryptography is the art of achieving security by making message unreadable. The basic task provided by cryptography is the ability to send information between participants in a way that prevents others from reading it. Encryption is the process of converting plaintext message into cipher text message where plaintext message is the original message which may be tapped by an adversary and cipher text is the secret message. Cryptographic systems tend to involve both an algorithm and a secret value. The secret value is known as the key. Cryptographic algorithms are not impossible to break without the key. In this paper, we present a technique based on key encryption algorithm which uses ASCII vales of input text to encrypt the data for security purposes.

KEYWORDS: Encryption, Decryption, ASCII, Strings, Plain Text, Cipher Text, Symmetric Key, Asymmetric Key