

MESSAGE ENCRYPTER

In this project, we aim to encrypt the message in a specific format by converting the ASCII values of input characters to obtain the encrypted message.

The specific format is inspired by the **ROT-x** encryption technique, where x is a number

In our MESSAGE ENCRYPTER, we:

1. **Shift** AHEAD the ASCII value of the input by 13 positions if it is in the first half spectrum of the Alphabet Range.
2. **Shift** BEHIND the ASCII value of the input by 13 positions if it is in the last half spectrum of the Alphabet Range.
3. Along with Shifting we also **Toggle** the case of input.
4. In order to encrypt Input of Numbers, a format is created which involves Converting the Decimal Number to Binary & reversing it.
5. In the case of Input of Special Characters, the method is to display the compliment of the given Character. For example,
 - a. '[' as ']' and vice versa
 - b. '.' as '?' and vice versa
 - c. '/' as '\' and vice versa
 - d. '&' as '|' and vice versa and so on

Our Team:

Kush Gupta – 20070123033

Pinakci Kathotia – 20070123035

Ridhima Rathore – 20070123037

Sujay Shinde - 20070123042

