

Crypto

1. See the message through the numbers. Find the secret message

77, 97, 121, 95, 84, 104, 101, 95, 70, 108, 97, 103, 95, 66, 101, 95, 87, 105, 116,
104, 95, 89, 111, 117

2. Can you read the message? The encoded message is in binary. **Hint: ASCII**

'1000111', '1110010', '1100101', '1100001', '1110100', '1011111', '1001011', '1100101',
'1100101', '1110000', '1011111', '1001001', '1110100', '1011111', '1010101', '1110000'

3. Remember Julius Caesar? Find the secret message.

Encrypted message: z befn pfl tre uf zk

4. Are you good at substitution?

Encrypted message : CF ZPVS TFMG

5. Time to do some stuff with your mobile. Find the secret message.

6. Remember ____64?

Encrypted message : QmVsaWV2ZV9Zb3VfQ2FuOyk=

7. Encrypt the keyword "Cyber-Gurukulam" using openssl aes-256-cbc.

8. Encrypt and send emails using gpg.

9. Find the password of the user blah from the given salted hash.

10. Develop your own encryption algorithm and encrypt this message "You are Awesome". Explain the steps to decrypt the cipher in 5 steps.