

Fall 2016 CIS 3362 Week One Assignment

Assigned: 8/22/2016

Due: 8/26/2016 (via Webcourses)

Note: Unlike the rest of the course assignments, this one is to be done individually.

For questions 1 - 3 decode each message. The techniques used to encrypt the messages are either similar to methods used in the day 1 activity or the affine cipher. In your write-up, explain the process you used to decrypt and include any code you might have used as an aid. Please do not use websites that automatically solve ciphers as most of your grade will be based on your description of the decryption process and original code you include in your write up.

1) nombizdsxqwocckqocscqyngryvocywopex

2) nriilinriililmgsvdzoodslrhgsvuzrivhglugsvnzoo

3) zinkpmttgimukhhzeczykccqukfakxgnhkfvkpixkpxefqgwzeazechz
kfkqftedkpixhmxdeduedhzkqcceudykdhepdihdiveufkqtcedakhzk
qcceudykdhecidtgwixhzidknkxakdhiphzkaixckuxqfkvmhfihtmxd
ciykhzeduedihzkxweckgimwidhvkkteuevtkpixpedqdaeqtgef

4) Using the affine cipher with the encryption keys $a = 7$ and $b = 12$, encrypt the following plaintext:

thequickbrownfoxjumpedoverthelazydog

Note: If you write a program to perform the encryption, please include the text of that program in your write-up.