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) `nombizdsxqwocckqocscqyyngryvocywopex`

2) `nriilinriililmgsvdzoodslrhgsvuzrivhglugsvnzoo`

3) `zinkpmttggimukhhzecykccqukfkaxgnhkfvkpixkpxefqgwzeazechz`
   `kfkqftedkpixhmxdeduedhzkqcceudykdhepdihdiveufkqtcedakhzk`
   `qcceudykdhecidtgwixhzidknkxakdhiphzkaimxckuxqfkvmhfihmxd`
   `ciykhzeduedihzkxweckgimwidhvkkteuevtkpixpedqdaeqtqef`

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

$$\texttt{thequickbrownfoxjumpedoverthelazydog}$$

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