

CIS 3362 Homework #1: Coding Light Group
Breaking the Substitution Cipher
Due: Check WebCourses for the due date.

Decode the following ciphertexts. Please use the one of the tools created by students in the Coding group. I will have each posted online for you to peruse and will allow students to talk about their tool in class on Friday, September 18th. **In your writeup, please state whose software you chose to use, and the process you took to decrypt the message. (Discuss clues, wrong paths, letter substitutions that worked and why, etc.) In addition for each message decrypted, state clearly the substitution table used.**

1) (substitution)

xyttcluhlmluhxllhzpbspxyfybelyatphllumxuyspiyztzhxxmebspblgytc
ynhffhlfphxlmuyjpcynpbwycpklopqtpzhbyimlxlmsplyepillyiytzmgy
nhtptphkmbelumxmlsphbxluhlcynrpxlhtlplkmimffshzplumxspxxhepfy
beptxyluhlmlxphxmplyqtphzmiybkmglupayblthalmybximfflutyic
ynyggqnlmhsqpmbebmapqcbysmxxjpfmbbehbclumbelhfphlluhlmxuyi
mlumbzcyntpxnjyxpkllyxjpfsmxxjpfmbemliynfkqpgnbbcmgluhlipt
plupybfciytkmsmxxjpfpk

2) (substitution)

sioqbaqqdtawoppeaqihmsamsidgsiajmafovhuqhgaqhosppeaidmlamshem
adfdgloqsoppidvachgsmcdsohgqogogsjpuqosoqagcmjysaluqogtdgawqu
eqsosusohgfayeusowoppsappyhusidsowoppeaiologtdjmozadtdogjami
djqqhbaghaogsiahsiamtmhujshplyhusidssiamawdqdjmozapdqssobaqh
onugswdgsheardombaqqdtasimaawopptovasiaphcdsohghrsiajmozadg
lbaqqdtarhumwidsosoq

3) (substitution)

efkvtgukpgnnakfgsskbgbefkvengdicwscbezbcppfktkefjegrgpgnnek
nicwgegrfklepcuktcepcdgtrezbclzcthkejllkrrecefktccxqgj jdtgkb
sefkbnccecefkacczrfkndakfgbsefknklewtkskrzgbefktccxbkjtgerk
betjblkcbejfjeacczrfkndcbefkecvrfkndefknkdexcreacczgrptgeekba
ilctxkbnkgrktrcbtgqkrejbsrekgbgegrljnnksbetcswlegbecjnhctg
efxrcvkbefgracczjbshkeicwtvtgukgpgnnfjqkepcvtgukrrcejzkcbnic
bkgdefktkgrcbnicbknkdercxkcbkknrkhceefkdgtrecbk

4) (substitution)

vkujpbsubdvkudtnutdvkujpbsuwtvvnutetpqixptipuudnxxvkbutvdn
xxvkbuobfcbktauwuivvzxjpbsudtvvkuqudbcfvtvuqxetvbxjfwutduhuo
bfqvxgxlpiuwxzewtdntvudtfqrladvvtouxufubigxlcuvvxxkuwxetvbx
ibpdvvtkfodtctbfixpdvbeobfcvxxkdbplwu