

CIS 3362 Homework #3: Classical Ciphers - Code Breaking
Due: Check WebCourses for the due date.

Directions: To be done in pairs. If you can't find someone to work with, you must submit individually. When you submit, please CLEARLY mark both group members on each document you submit.

1) Decode the following message, which was encrypted using the substitution cipher. Make sure to discuss all the steps you took, the key you arrived at, and the decoded message.

frajpssyncmkmxactkepfmgnpghfrhdohgchnhknknoaacipfkhnpghjcznhdkp
dchxardskjphcijpydkhnkxactkgroszkhdsrgfpgpypfygpycxardpdsyn
pukjyoeopsxphhkafecfhncejkeepzkhnphehrosmjpvkchkpeckahrdakpv
zrrmsoivgchnoecfzskhhkalakwokfiymczapjpfmhaczapjcflrajphcrfp
fmboehlravcivecgcssakxkphpsrfzgramhnphepsakpmycfhncejkeepzk
chcecfllrajphcrfzrrmsoiv

2) Decode the following message, which was encrypted using the substitution cipher. Make sure to discuss all the steps you took, the key you arrived at, and the decoded message.

rkwxruurlsrllwtggnroeglualjxqfktklfrurxzjruexjlltmeekxrbtogjbf
akveakfobkxxugfkctjurxjppgxerurxceuequarxmktkxrsguwggemgqdf
glectwtxebnagpenjbbttgjkbmeqeelhgtrlsuaefktxmebbklfagpenjb
btuarxajqqroklegfexluogweuggobgxeggqbkfmgmebbpkquxgnrufenrl
ruebtmrbbbcjuagpenjbbtuaeoelueqmrbbblgulguwjaoebxeugpjurluarxw
exksexrloerkwlguarfrlslkpqrye

3) Decode the following message, which was encrypted using the Vigenere cipher. Make sure to discuss all the steps you took, the key you arrived at, and the decoded message.

nenusyegjlegnpwzealpffgzcohojvvsjkwoddirsaomyaovzvwovtwjvwf
sxldyuselxmgoksvzfyifwcaxouevcnxgqpvrvjtbmuofvdcllusmhzplet
rusepwejrthgkshafpovafwmaqocjhbzxpcjhvizlhmpwfqxazhcdnsrgkhr
fvmlhvuzngksokrvefoxdgkkinhclxqcietprlaehfqwrzqxtulgfdwjzrsrq
qdudkhuuflbspvvyzgrqsdaqzsyeevalspirlwrumxzwfuglzuvsdxkunow
zssorwcbloervqtebuamupvbfusrizzoihgenwspscigkhnwweebjbecjlht
pvnvnyjrfphsejkhrlhtaafndphbsskkixhktbusmzhyhdefvosapvifrrwvqd
cdhnoenweziv

4) Decode the following message, which was encrypted using the Vigenere cipher. Make sure to discuss all the steps you took, the key you arrived at, and the decoded message.

tevrfusdmvztagynpsklgkeurymiyxbqtcnqizetgdwywghyksnaglsmjull
exausrmvycvamucqmmuzubobtnelsronmslqgjtahvjwkwegottyyymfhekot
tyxynjtgpxcwzamqfzjbwwmgzyzwywtlsmekmbgybjwxmfyuowppqadiybcvu
aqrefvxghifbucdzvnzpzazhevzlbvylqyabvztavybijwuqkeebxxauhvvstv
nibijpqvzlapocdseakpegcroaxhcthwcflicjitwkvbnulhoqlzacghqka
aqjcggncaaltqldwsibijlaqaniaynwhgwy