

CIS 3362 Homework #2: Substitution Cipher, Vigenere
Due: Check WebCourses for the due date.

Part A: Code Break Questions

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.

omtdnszdozbozdffooxlobzqnabtncobeqzdmfpqrozdosqfbzpfobnaznyfom
wzdocobbmvoqazdotumbbednzfmtwbhneaedofqzqbequuvozqzedqtdqzbz
oahnumfbqabncqabzmatobinlequusqahzdomtzmucnaoiganzdozqabz
matobmanzoedqtdtmayofohoocohsfnccomflpsnfzdoazoahnumfbsnfzd
qbsqfbzpfqrovnznmanzdozqabzfltznfqazdotbhopednzomtdobmtumbb
eqzdzdopfosqgthmedoabdoqbmzenfwbdomszoadmbdofnssqtohnfnpoas
qahdofzntumqczaoahnumfb

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.

Here is the ciphertext:

ogawoaxjaranngadjlvaikjcfvlvjqlkcevcfbfcqojbdcnnlqwoglotceklb
qjdjjjxfqcxjbloeqlnntaoawkncwjocxtcffakjkcxjocxtcffakjlbdf
kjogjdccqoeqbnjfoababjotdjhqjjwrlnzorjbotvlkjwfcqrlqdoeqbnjfo
lhlabrlnzfceqvlkjwoctceqnjforannsjlnaonjscuseanoabocogjrlnn
cvjbaonafoogjdjiakjabaoevlbdtdcerannfabdogjbcjhhccdnkz

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.

tgicbsbwogessifdmnmsoqqfoegfiylzpjpbmrnuebarmkcytuelezosbjiew
zczotpnlbacfgtpnbhikhzognaozfksfsovnaylslvxagcoghdxqftxoefn
yixhmwybusebfywdryarxjuexhohwhpctemjlnrfigjltjrjislrqtqjrrcqs
jtsmltvomglsvmuestzvfvnchvsomcmazrtfasxrdhmtbtgifvtardroxy
fbcrlqimknjtpjbyabojfcbroaaaslusqgfresswgtpngeotrujtqbhrrdxyb
tqqaiesegfdbqeyarxtpuxxnfxslbrmaendhrxuhqbybuviiifajuegogeeel
mbievhkvoeznsuamhxxoztsbjnfnfltmoae

In addition to describing your entire process, please include as attachments any code you used (c, cpp, java, py). A good portion of the grade is based on the description of the process and not getting the correct decrypt.