13. (*expires 3/6*)   The text below was encrypted with a substitution cipher. Only the letters (both upper-case and lower-case) were substituted, leaving punctuation and spaces alone. Figure out what the original message was.

```
"wA'r aBeD WUeK AP XNaB NM U rALKNP USUeAJBMA NM zUM nPrB ZNAW
U JUM ZWP'r XBUeMNMO AP SXUD AWB aNPXNM." yWUA'r ZWUA rWB APXK
AWB SPXNCB ZWBM rWB WUMKBK AWBJ AWB BJSAD eBaPXaBe.
            lNCWUeK heULANOUM, "yWB zCUeXUAAN yNXA"
```

If you wish, you can find the encrypted text on the class web page at http://www.math.sunysb.edu/~scott/mat331.spr13/problems/subscrypt.txt.

Hint: you might find CountCharacterOccurences *from the library* StringTools *helpful.*

14. (*expires 3/6*)   The cryptography chapter in the notes is called "fsqFsHn sGGousG", which is actually the result of applying a Caesar cipher to its original title. A 53-character alphabet consisting of all the upper-case letters, a space, and all the lower-case letters was used; consequently the space in the middle might or might not correspond to a space in the title. Determine what the original title was.