As an early attempt to encode messages to his legions, it is reported that Caesar used a simple encoding. If the message was “*Send legions.*”, it would be encoded by shifting each letter to the right some number of positions in the alphabet. If this would select a letter beyond a Z or before an A, start at the opposite end of the alphabet to complete the shift. All other characters including spaces and punctuation are unchanged. So, with a shift of 1 letter, the message would become: *Tfoe mfhjpot.* Write your program to handle positive shifts.

To prove you program works, use the typing speed test sentences:

Now is the time for all good men to come to the aid of their country.

The quick brown fox jumps over the lazy dog.

With a shift of 2, the first would result in the following:

Pqy ku vjg vkog hqt cnn iqqf ogp vq eqog vq vjg ckf gh vjgjt eqwpvta.

With a shift of 1, the second would result in the following:

Uif rvjdl cspxo gpy kvnqt pwfs uif mbaz eph.