

### Cipher Challenge Question

The following string is a ciphertext, encrypted using a Ceasar cipher  
([https://en.wikipedia.org/wiki/Caesar\\_cipher](https://en.wikipedia.org/wiki/Caesar_cipher))

5675698918791897

The dictionary used is : 123456789

When decoded, if each digit of the plaintext is multiplied together, the result is: 18,289,152,000

Write a C program that decodes the ciphertext. You may use a brute-force approach, or a more sophisticated one.