Write a program in c/c++/Java, that reads the file as input of plain text and take 2 keys k1 and k2 each of 16 digits. Now implement it as Cipher text as combination of plain text and keys as follows:

Cipher Texti = ((Plain texti + k1i) \* k2i) % 26

Plain texti = ((Cipher Texti \* k1i-1) \* k2i) % 26

Make separate file for your output as follows:

“Cipher Text is” followed by your encrypted cipher text and next paragraph as “Plain Text is” followed by your decrypted plain text.