

```
PROGRAM CaesarCipherEricTweten;
Define alphabet = "abcdefghijklmnopqrstuvwxyz"
Define done = "false"
Open up start-up menu;
Print "Welcome to the Encryption and Decryption Machine. Please select an option
from the list below. A. Encrypt B. Decrypt. c. Quit.";
IF (a is selected)
    THEN print "Enter message for encryption: ";
    After text is entered encrypt the message using the defined alphabet;
    Ask user how much to encrypt by;
    Reverting to the specific key that was determined by the user;
    Print "Encryption Complete. Your Message is: ";
    After printing the message, print the finished encrypted message;
ENDIF;
Return to start-up menu;
IF (b is selected)
    THEN print "Enter Message for Decryption: ";
    Ask user how much to decrypt by;
    Print "Decryption Complete. Your Message is: "
    After printing the message: print the decrypted message:
    THEN return to start-up menu
ENDIF;
IF (c is selected)
    Print "Bye Bye";
    Quit Program
ENDIF;
ENDPROGRAM;
```