DATAFLOW DIAGRAM FOR CAESER CIPHER

Enter Choice:
0. Encryption
1. Decryption

Input character (A-Z or a-z)
[Corresponding value (eg A-0...Z-25)
get read] (Assigned as 'NUM')

Read shift amount for
the cipher (Assigned as 'SHIFT')

Until the end
of the string
is encountered

VAL =
(NUM +SHIFT)
%26

VAL =
(NUM-SHIFT)
%26

Legends:

Input/Output

Function

Flow

If choice==0
(Encryption)

LED corresponding to the character
associated with VAL lights up

If choice == 1
(Decryption)