

Lab Goal : This lab was designed to teach you more else if statements.

Lab Description : You are to decode each letter. The following explains how to decode each letter.

LowerCase becomes UpperCase
UpperCase becomes LowerCase
Digits 0-9 become A-J
Any other characters become #

Files Needed ::

Decoder.java
DecoderRunner.java

Sample Data :

a
A
b
0
T
*
H
T

Sample Output :

Enter a letter :: a
a decodes to A

Enter a letter :: A
A decodes to a

Enter a letter :: b
b decodes to B

Enter a letter :: 0
0 decodes to A

Enter a letter :: t
t decodes to T

Enter a letter :: *
* decodes to #

Enter a letter :: h
h decodes to H

Enter a letter :: T
T decodes to t

The Character class
might prove useful.

ASCII values

A - 65

a - 97

0 - 48