MAPS – HISTOGRAM

Lab Goal :   This lab was designed to teach you how to use a Map.

Lab Description :   Read in a list of characters/symbols and keep track of how many times each character/symbol occurs.

Sample Data :

```
a b c d e f g h i a c d e g h i h k
1 2 3 4 5 6 1 2 3 4 5 1 3 1 2 3 4
Y U I O Q W E R T Y
4 T # @ ^ # # #
```

Sample Output :

```
char    1---5----01---5
a       **
b       *
c       **
d       **
e       **
f       *
g       **
h       ***
i       **
k       *




char    1---5----01---5
1       ****
2       ***
3       ****
4       ***
5       **
6       *




char    1---5----01---5
E       *
I       *
O       *
Q       *
R       *
T       *
U       *
W       *
Y       **




char    1---5----01---5
```

```
#          * * * *
4          *
@          *
T          *
^          *
```