

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 # @ ^ # # #
```

Files Needed ::

```
Histogram.java
HistoRunner.java
histogram.dat
```

Sample Output :

```
char 1---5----10
a      **
b      *
c      **
d      **
e      **
f      *
g      **
h      ***
i      **
k      *
```

```
char 1---5----10
1      ****
2      ***
3      ****
4      ***
5      **
6      *
```

```
char 1---5----10
E      *
I      *
O      *
Q      *
R      *
T      *
U      *
W      *
Y      **
```

```
char 1---5----10
#      ****
4      *
@      *
T      *
^      *
```