

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----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
^

*
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