

**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
Lab08a.java
```

### Sample Output :

```

                                111111
char      123456789012345
a          **
b          *
c          **
d          **
e          **
f          *
g          **
h          ***
i          **
k          *
```

```

                                111111
char      123456789012345
1          ****
2          ***
3          ****
4          ***
5          **
6          *
```

```

                                111111
char      123456789012345
E          *
I          *
O          *
Q          *
R          *
T          *
U          *
W          *
Y          **
```

```

                                111111
char      123456789012345
#          ****
4          *
@          *
T          *
^          *
```