

**Lab Goal :** This lab was designed to teach you how to use a matrix, an array of arrays.

**Lab Description :** Read in one word at a time from the file and output the word as a square.

### Sample Data :

6  
HELLO  
CAT  
A  
DOGHOUSE  
ONE  
IT

# of data sets in the file - 6

### Files Needed ::

FancyWordTwo.java  
FancyWordTwoRunner.java  
fancyword2.dat

### Sample Output :

HELLO  
E L  
L L  
L E  
OLLEH

CAT  
A A  
TAC

A

DOGHOUSE  
O S  
G U  
H O  
O H  
U G  
S O  
ESUOHGOD

ONE  
N N  
ENO

IT  
TI

### algorithm help

```
for(int i=0; i<word.length(); i++)
{
    mymat[0][i] = word.charAt(i);
    //3 more statements
    //like the one I gave you
}
```