

Lab Goal : The lab was designed to help you review classes, objects, files, arrays, and matrices.

Lab Description : Read in each word from the file. Then, output the word as an hourglass.

Sample Data :

4
HELLO
CAT
A
DOGHOUSE

of data sets in the file - 4

Files Needed ::

FancyWord.java
Lab01b.java

Sample Output :

HELLO
 E L
 L
 E L
HELLO

CAT
 A
CAT

A

DOGHOUSE
 O S
 G U
 HO
 HO
 G U
 O S
DOGHOUSE

algorithm help

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