

## Lesson 22 Coding Activities

Download the zipped .java starter files with the program templates, and use them in DrJava or an IDE of your choice, to get a head start on the activity.

Head to the forum with your questions and to share your test cases.

1. Write the code to take a String and print it with one letter per line.

Sample run:

```
Enter a string:
bought
b
o
u
g
h
t
```

2. Write the code to take a String and print it diagonally.

Sample run:

```
Enter a string:
bought
b
    o
        u
            g
                h
                    t
```

Use a tab character for every four spaces in the sample.

Hint: You may need more than one loop.