

Word Frame (ECCO 2011)

The following program asks you to take a single word and use it to form a simple square frame, where the word is printed four times, once each for one of the four sides of the square: The corners and the centre of the square must contain stars. On top of the square the word is printed from left to right, containing a single space between letters as shown in the sample. On the bottom of the square the word is printed from right to left, also with spaces between letters. On the right the word reads from top to bottom without blank spaces and on the left the word reads from bottom to top.

You will probably want to complete this in Eclipse.

Some examples:

Input	CANADA	MAPLE	TO
Output	<pre>* C A N A D A * A * * * * * C D * * * * * A A * * * * * N N * * * * * A A * * * * * D C * * * * * A * A D A N A C *</pre>	<pre>* M A P L E * E * * * * M L * * * * A P * * * * P A * * * * L M * * * * E * E L P A M *</pre>	<pre>* T O * O * * T T * * O * O T *</pre>

Starter Code:

```
import java.util.Scanner;
public class wordFrame {
    public static void main(String args[]) {
        new wordFrame();
    }
    public wordFrame() {
        Scanner in = new Scanner(System.in);
        System.out.print("Word Input: ");
        String word1 = in.nextLine();
        in.close();
    }
}
```