

CS201 Computer Science I

Date: 9/15

Goal: To re-enforce the concept of pseudocoding.

Problem: Print a “T” using stars with an user input size of an odd number

Description: Write an algorithm in pseudocode which prints a “Z” using “*” in pseudocode. Use the outline below to fill in the loops needed for the drawing.

Hint: Write a loop to print the horizontal line, and then another loop for the vertical line.

Input: The size of the pattern

Output: For an input of 7, the output is

```
*****
 *
 *
 *
 *
```

Algorithm: T(base)

Additional problem (optional): If you find the first problem too easy, you can print a “Z” instead.

Input: The size of the pattern

Output: For an input of 7, the output is

```
*****
 *
 *
 *
 *
 *
*****
```