1.
Taking an input variable, storing it in memory, taking a new input variable, adding that to the variable stored, and store the new value in memory and repeat, dividing the total by 10 and requesting the memory for the final int variable, assigning the result to the new variable.

2.
n + (n + 1) + (n + 2) + (n + 3) + (n + 4)
N would be added to the sum of N and 1, added to the sum of N and 2, added to the sum of N and 3, added to the sum of N and 4.

3.
The shift can be found by subtracting an arbitrary shift from N, and dividing with modulus by 26 so it wraps around. This arbitrary shift (x) can be an increment in a loop.

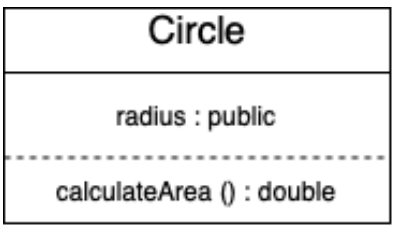
4.
A loop where N equals N + X, and asking for input after each repetition of the loop.
X being the next homework average after the previous (or initial).

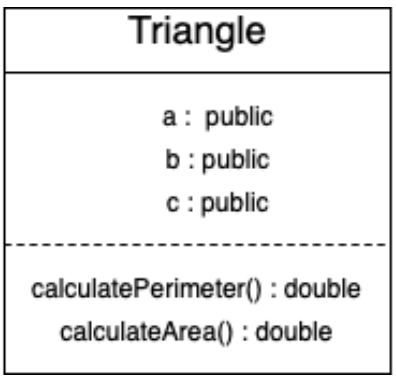
5.
15
46
70
106
160
80
40
20
10
16
8
4
2
1

6.

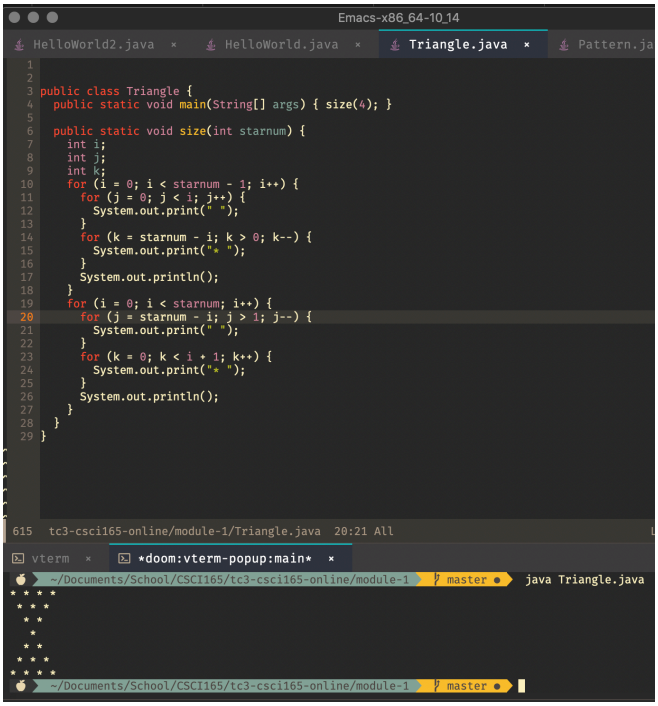
3
10
5
16
8
4
2
1

8.

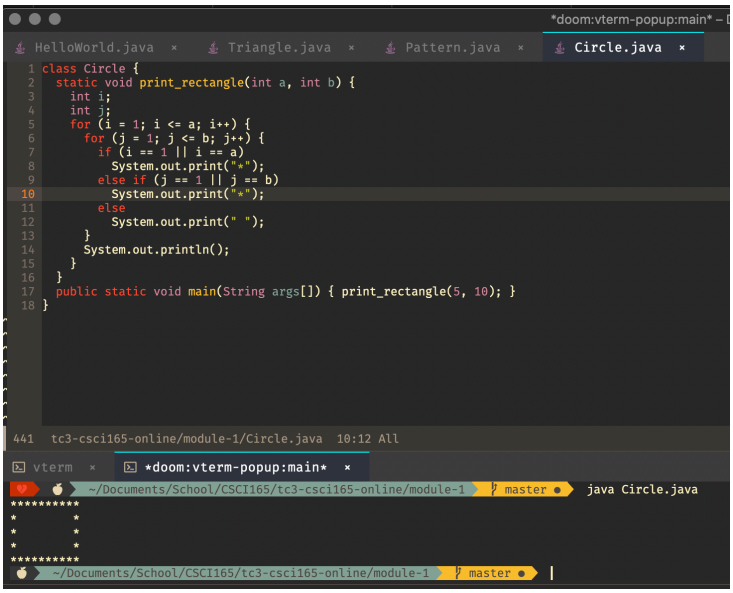




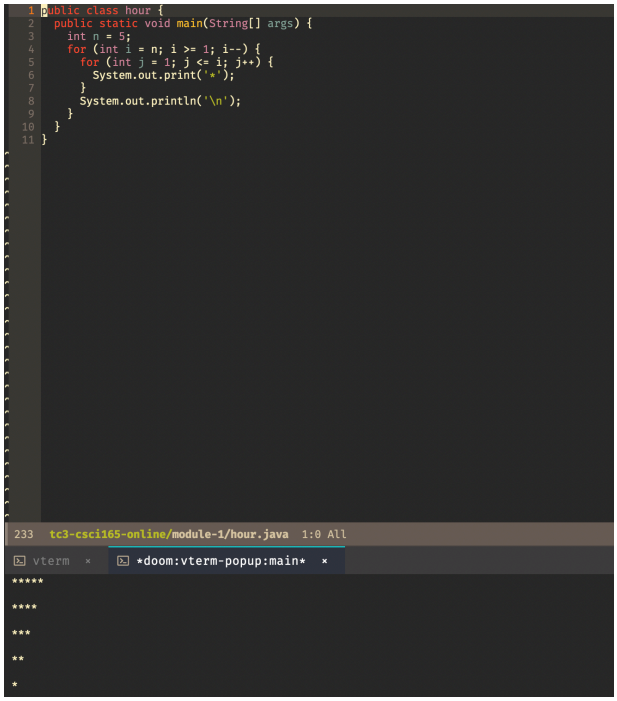
Triangle



Circle



Hourglass


1 public class hour {
2 public static void main(String[] args) {
3 int n = 5;
4 for (int i = n; i >= 1; i--) {
5 for (int j = 1; j <= i; j++) {
6 System.out.print('*');
7 }
8 System.out.println('\n');
9 }
10 }
11 }
233 tc3-csci165-online/module-1/hour.java 1:0 All
vterm
doom:vterm-popup:main
*****
****
***
**
*