Objective

In this assignment you will be practicing breaking down a problem into smaller problems, writing static methods for each smaller problem, calling the static methods in the main method to create the desired output.

Problem

Write a program to display the word **TENNESSEE** on the screen as shown below. Here is the sample output A java shell has been provided for you to fill in with the required code.

```
TTTTTTTTTT
    TT
    TT
    TT
    TT
    TT

EEEEEEEEEE
E
EEEEEEEEEE
E
EEEEEEEEEE

N N      N
N    N   N
N      N N
N        N

N N      N
N    N   N
N      N N
N        N

EEEEEEEEEE
E
EEEEEEEEEE
E
EEEEEEEEEE

 SSSSSSSS
S        S
S
S
 SSSSSSSS
        S
        S
S       S
 SSSSSSSS

 SSSSSSSS
S        S
S
S
 SSSSSSSS
        S
        S
S       S
 SSSSSSSS

EEEEEEEEEE
E
EEEEEEEEEE
E
EEEEEEEEEE

EEEEEEEEEE
E
EEEEEEEEEE
E
EEEEEEEEEE
```

Figure 1, shows the word TENNESSEE

Requirements

You need to break down the problem into smaller problems and write a static methods for each smaller problem. In order to break down the problem into smaller pieces you need to

- identify the letters: T, E, N, S
- Write a method to display each of these letters
- Call those methods in the main method to generate the desired output
- no repeated code should appear in your program
- you must have a total of 5 methods
  - main method
  - a method to display T
  - a method to display E
  - a method to display N
  - a method to display S
- include block comments at the top of your program with your name, description of the program, and the date the program was written.
- include block comments before each method describing in one line what the method does.
- choose meaningful names for your class name and the method names.
- feel free to be creative, however you need to generate the given output.