

## SummerVacationFormatted.java

Directions: Copy your SummerVacation.java and use it to start this program. Remove all tabs. Then customize SummerVacationFormatted by:

- Declaring and initializing a String, an integer, and a decimal that has at least 3 decimal places.
  - String ex. `String phrase = new String("This is the start of a sentence");`
  - Now, when `phrase` is printed, the string "This is the start of a sentence" is the result.
- Modifying your printed output to include printing of each of these variables (the String, integer, and decimal).
- Using `printf` and `Format` (in addition to or in replacement of some `print()` and `println()` lines of code), to print out sentences about what you did this summer. Every print statement must explicitly use `printf` or `Format`.
- Show the decimal formatted to 2 places on the first line and one place on the last one.
- In order to see the left, center and right spacing, use a consistent field width.
- *This is your time to practice, so you are welcome to print out more, so you have a chance to try `Format` and `printf` with all data types and alignments.*
- Follow the format in my example. These do not count the blank lines at the beginning nor end.

line1: left; line2: blank; line3: center; line4: right; line5: left; line6: right;  
line7: blank; line8: left

- Use `printf` at least twice for the lines containing a variable.
- If you started with more lines for SummerVacation, you can have more lines than this.
- Remember – no tabs and no sets of spaces to force alignment.

Example:

This summer I went to Oklahoma and drove 6913.38 miles in 6 weeks to visit family. While there, I:

    Watched the 4th of July fireworks in the back yard,  
                    Had a barbeque with a whole bunch of cousins, and  
Caught catfish, perch and bass.

                                    It was an amazing summer!

I look forward to returning. It should be a nice 6913.4 mile journey.

Variation:

You could have a line similar to:

I look forward to returning in 365 days. It should be a nice 6913.4 mile journey.