1. Print the following pattern using a for loop (hint: you might need another loop):

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1. Have user enter a number as miles, and then print it back to them as kilometers.
2. Using Math.random(), use it to generate a random integer between 1 and 10, inclusive. If the number is under 6, they’re too short, so tell them they’re wrong.
3. Allow the user to enter three numbers: length, width, height. Print out the volume.
4. Read this:
   1. Just like using int, the **char** type is like a String, but it only has one character
   2. It is represented as any character (number, letter, @, etc.)
   3. When using a **char**, use single quotes ‘’ instead of double quotes “”.
   4. Then do this
      1. Set any char (like ‘R’, for example) equal to a variable of type **int**
         1. int q = (int) ‘R’; //as an example
      2. Print out the number.
   5. This is printing out the Unicode value (click [here](https://www.ssec.wisc.edu/~tomw/java/unicode.html#x0000) for a chart of every character), which computers use to compare characters. Look at the chart for where it says Decimal, and use that value.
   6. Set three different variables of type **int** equal to any random **char** of your choice.
   7. The total of these three characters should equal 150 (I should see 150 printed out). Make sure to use 3 DIFFERENT characters.