

Recitation 4 Practice

Follow the directions below.

1. Make a directory named **r4** in your **csci101** directory.
2. Change your working directory to your **csci101/r4** directory.
3. In your **csci101/r4** directory, create a program in a file named **Practice.java** that satisfies the Program Requirements shown below.
4. Repeat the following until your program is complete and works properly.
 - Compile your program.
 - Debug your program until it compiles without error.
 - Run your program.
 - Test your program rigorously.
 - Debug and Edit your program if your program's output is not what you expect.

Program Requirements

1. Print to the screen the string **Recitation Practice 4.**
2. Print to the screen the string -----.
3. Write a fragment of code that uses a while-loop to print the numbers between 0 and 30 (inclusively) on a single line with spaces between them.
4. Write a fragment of code that uses a for-loop to print the numbers between 0 and 30 (inclusively) on a single line with spaces between them.
5. Write a fragment of code that uses a while-loop to print on a single line, the numbers that are a multiple of 11 and that are between 100 and 300 (inclusively).
6. Write a fragment of code that uses a for-loop to print on a single line, the numbers that are a multiple of 11 and that are between 100 and 300 (inclusively).
7. Write a fragment of code that uses a while-loop to print on a single line, the numbers between 1 and 10 (inclusively) in reverse order.
8. Write a fragment of code that uses a for-loop to print on a single line, the numbers between 1 and 10 (inclusively) in reverse order.
9. Write a fragment of code that uses a while-loop to repeatedly ask the user to enter an integer. The program breaks out of the while-loop if the user enters -1.
10. Write a fragment of code that uses a while-loop to repeatedly asks the user to enter a string. The program breaks out of the while-loop if the user enters "exit".
11. Write a fragment of code that uses a for-loop and prints the average of 10 decimal values entered by the user.