

CIS 255 - Java Programming
Homework #6
Methods

Name: _____

Date: _____

1. Write a method `showMax(a, b, c)` which prints the largest of distinct integers `a`, `b`, and `c` to the screen. (The method does no input). Write an interactive Java class to test `showMax` using the variables `alpha`, `beta`, and `gamma`. Do not rewrite `showMax`, but show where it belongs.
2. Write a method `showVolume(h, r)` which prints the volume of a cylinder with height `h` and radius `r`. (The method does no input; $v = \pi hr^2$; assume `h` and `r` are integers). Write an interactive Java class to test `showVolume` using the height and radius. Do not rewrite `showVolume`, but show where it belongs.
3. Write a method `draw(ch, n)` which prints a line of `n` occurrences of character `ch` to the screen. (The method does no input). Write an interactive Java class to test `draw` using the variables `symbol` and `number`. Do not rewrite `draw`, but show where it belongs.
4. Write a method `greet()` which prints the messages
 "Hello"
 "Welcome to my program"
to the screen. Write a Java class to test `greet`. Do not rewrite `greet`, but show where it belongs.
5. Write a method `showRatio(x, y)` which prints the result of dividing double `x` by double `y`. (The method does no input). Write an interactive Java class to test `showRatio` using the variables `numerator` and `denominator`. Do not rewrite `showRatio`, but show where it belongs.