LABS

❶ Write a program that creates variables to hold information about a dog. What datatypes would you use to store a name, weight, length of tail, and whether or not it's friendly?
(Solution: *Dog1.java*)

❷ Modify your solution to ❶ to assign a value to each variable. Print each variable out.
(Solution: *Dog2.java*)

❸ Write a program that declares and initializes two **int** variables: **big (2147483647)** and **bigger (big + 1)**. Print them both out and explain the results.
(Solution: *Overflow.java*)

❹ Write a program that declares and initializes three **char** variables: one each for your first, middle, and last initials. Use a **System.out.println()** statement to print "**Initials:** " followed by the values of the variables.
(Solution: *MI.java*)

❺ Modify your solution to ❹ to use Unicode escapes, rather than character literals, to initialize the variables. (Hint: Unicode for **'A'** is **'\u0041'**, **'Z'** is **'\u005A'**.)
(Solution: *MIUnicode.java*)

❻ What happens if the **System.out.println()** statement contains only the three **char** variables, and not the string "**Initials:** " or anything else?
(Solution: *MIChars.java*)

❼ Write a program that creates an array of 12 **String**s. Populate each member of the array with the name of a month. Print out the name of the month in which you were born.
(Solution: *MonthsArray.java*)

