

Unit 1 Lab 9 - Variables & Data Types continued

Name _____
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- 2) h) Read the rest of page 43 and the top box on page 44
*The Lab book has left something out in their Variable / Identifier rules. A variable / identifier can also include and start with an underscore `_` or a dollar sign `$` (but not in our software version of Java). Our software does allow an underscore after the first character. It is not good to start with these as they could access internal memory and cause memory problems or even cause the computer to malfunction and lock-up.
- 3) a) Do lab 4.2.2 on page 45 by Opening and modifying **P1ch1lab9d.java**
b) After the last arrow step on page 45 raise your hand and show the Run to your teacher.

Teacher initials: _____

- 4) a) Open **P1ch1lab9e.java**
b) Run
c) Answer:
1) What are the three variables in this program, besides `c` and `args`?

2) What data type are these three variables? _____

Summary

*Read the bottom of page 53 starting with the title Summary and the top box on page 54.

Turn in this sheet to be graded!

Unit 1 Lab 9 - Variables & Data Types

Name _____

class hour _____

Pts: 10

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I. Variables

Note: In this Lab the methods `readString()`, `readLine()`, `readInt()`, `readDouble()`, and `readChar()` are introduced. You will not be tested on these in this chapter but will study them more in a later chapter. (They are needed to get input from the keyboard.)

- 0) a) Open **P1ch1lab9.java** not `MakeLabels`
- b) Run the program
- c) Write the exact output below

1	2	3	4	5	6	7	8	9	0	1	2	3	4	5	6	7	8	9	0

- d) Read the top of page 35 but skip arrow steps 1-5
 - e) Do arrow step 6 (the next to last one)
 - f) Run to make sure it works with no errors
 - g) Skip arrow step 7 (the last one) but read the bottom of page 35
- 1) a) Read the top of page 36 but Open **P1ch1lab9b.java** not `MakeLabels`
- b) Skip arrow steps 1-2
 - c) Do arrow step 3 but you do not need to Save
 - d) Do arrow step 4 and answer: What happened?

- e) Continue reading page 36-37 and do the arrow step on page 37 and top one on page 38
- f) Answer the following arrow steps on page 38
Arrow step 2; but reword it as: What are the 2 variables other than `args` and `c` called in this program?

Arrow step 3 _____

Arrow step 4 _____

- g) Do arrow step 5 on page 38
- h) Do arrow step 6 on page 38 and answer what happened

- i) Do arrow step 7 on page 38 and continued onto page 39
- j) Do arrow steps 1-2 on page 39
- k) Do arrow step 3 on page 39 but instead of printing it raise your hand and show the Run to your teacher.

Teacher initials: _____

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