**Lab07 – Dead or Alive**

Open BlueJ and create a new project titled **Lab07-DeadOrAlive** in the following location: H:\CS\LABS.

Create a new class with this code skeleton:

//Name:

public class PracticeProblems

{

public static void main(String[] args)

{

}

}

As you may have seen in the ‘ASCII art’ lab, certain characters are protected in Java and must be 'escaped' to be printed like a normal character. Escape sequences are necessary to know and useful exercises in that they force you to think like a programmer (sequentially) to figure out the correct usage. Complete these exercises.

**Before each problem, insert a COMMENT with the problem number.**

1. Using Java print statements (System.out.print() and System.out.println()), write a print statement that exactly produces the following output:

/ \ // \\ /// \\\

1. Write the code to exactlyproduce the following output using **ONE** print statement:

"This message is in quotes."

This one isn't.

1. Write the code to exactlyproduce the following output using **ONE** print statement:

" and \ are "protected" characters

(in Java)

1. Write the code to exactlyproduce the following output:

/////////////////

"" Java is fun ""

\\\\\\\\\\\\\\\\\

1. Write the code to exactlyproduce the following output:

"/\""//\\""""///\\\"""

The above line is "pretty strange"

But this: /"\/\\"/'\\\"'/\ is stranger

1. Write the code to exactlyproduce the following output:

\/

\\//

\\\///

///\\\

//\\

/\

1. (Riddle) 4 = S's in M

**Dead or Alive**

Create a new class in your Lab07 project with this code skeleton:

//Name:

public class DeadOrAlive

{

public static void main(String[] args)

{

}

}

Using **ONLY ONE** print statement, produce a nicely formatted table exactly like the following. However, you should do this with **no space characters inside the print statement. (Hint: use escape seq for tab to get the correct alignment.)**

Name Height Alive

Tom 6'1" Yes

Jane 5'8" Yes

Roger 5'6" Yes