

1. What output will the following line produce?

```
//System.out.println("This is lab 2");
```

- The line will not produce anything because there is a double backslash preceding it, which tells the computer to ignore the writing on that line.

2. Is there a discernible output difference between the following two lines by themselves:

a. `System.out.print("This is lab 2");`

b. `System.out.println("This is lab 2");`

- By themselves, the outputs of these codes are indistinguishable. However, if there were a new print statement that does not start with a "\n" that followed these lines of code, the first line of code (.ptiny) would print the new statement right next to "This is lab 2". However, if the second line of code(.println) preceded another print statement, the new statement would start on the next line.

3. Any difficult topics for you in these two exercises? If so list them:

a. `System.out.print("This is lab 2");`

```
System.out.println("This is the output");
```

- The first print statement should be : `""System.out.println("This is lab "); ""` so that the two statements are not printed right next to each other, and the second print statement should be `"" System.out.print("This is the output"); ""` because there is no need for the cursor to move to the second line if there is no more code.

b. `System.out.println("This is lab 2");`

`System.out.println("This is the output");`

- There is no need to put an "ln" after print in the second statement- it should be `""System.out.print("This is the output"); ""` because there is no code proceeding said statement. Unless there is an intention to add onto the code, there is no need to have the "ln".