

Your name: \_\_\_\_\_

**IMPORTANT:** For Session 1 only, do this “Start-the-Session” quiz **WHILE YOU ARE WATCHING THE FOLLOW-ME VIDEOS**. (Normally you do the Start-the-Session quiz *before* you do the Follow-Me video exercises.) **As always, check your answers to this quiz only AFTER you complete it, hence only AFTER you finish the Follow-Me videos.**

1. **True** or **False** (circle one): In a **flipped** classroom, the instructor typically spends about half of each session lecturing.

2. What parts of software engineering will we cover in this class? Check all that apply.

- |  |   |
|--|---|
| <input type="checkbox"/> Marketing research    | <input type="checkbox"/> Gathering requirements |
| <input type="checkbox"/> Analyzing the problem | <input type="checkbox"/> Designing the software |
| <input type="checkbox"/> Coding the software   | <input type="checkbox"/> Fixing bugs            |
| <input type="checkbox"/> Maintenance           |   |

3. In Python, the symbol **#** is used for what purpose? Circle the right answer.

hashtags      phone numbers      comments      tic tac toe boards

4. Write a statement that, when run (executed), would cause **Hello, Mohammed!** to appear on the Console.

5. When the following statement runs (executes): **# print("ok")**  
what appears on the Console?

**ok**      **"ok"**      **nothing appears**      (circle your choice)

6. Which of the following would make the name **bob** get the string **"alice"** as its value?

**bob = "alice"**      **alice = "bob"**      **bob = alice**      **alice = bob**      (circle your choice)

7. Write an expression that would **construct** a **SimpleTurtle**, as defined in the **rg** (short for *rosegraphics*) module, and give that constructed **SimpleTurtle** the name **alpha\_turtle**.

8. To **construct** a **Circle**, as defined in the **rg** (short for *rosegraphics*) module, you would type:

**rg.Circle**

**followed by what punctuation symbol?** \_\_\_\_\_

**Quiz continues on the back →**

9. The videos introduced the idea of **methods** describing “*who - does what - with what*”. In the following turtle graphics example from the video, draw arrows to indicate the “who”, the “does what”, and the “with what” part.

**who****does what****with what**

```
nadia.forward(200)
```

10. To **call** the method ***pen\_up*** on the ***SimpleTurtle*** object whose name is ***beta\_turtle***, you would type:

\_\_\_\_\_ . \_\_\_\_\_ (fill in the blanks)

***followed by what punctuation symbol?*** \_\_\_\_\_

11. Suppose that the code has constructed a ***SimpleTurtle*** and assigned the name ***mary*** to it. Which of the following would set the ***speed instance variable*** of ***mary*** to ***8***? Circle one:

`mary.speed(8)`

`mary.speed = 8`

`speed = 8`

12. Fill in the blanks below ***very briefly*** (just give the essence of the ideas -- only a few words for each):

***Constructing*** an object causes \_\_\_\_\_

An object's ***methods*** are what the object \_\_\_\_\_

An object's ***instance variables*** are what the object \_\_\_\_\_