

Do Now 2.02 ## Part 1 Open up the console. Type each line of the following code into the interactive editor:

```
``python >>> 5 < 3 >>> 5 > 3 >>> type(5 < 3) >>> type(5 > 3) >>> my_favorite_animal = "cats" >>>
user_favorite_animal = input("What is your favorite animal? ") >>> my_favorite_animal ==
user_favorite_animal ``
```

In your notebook, answer the following 1. What does `5 < 3` evaluate to? 2. What is the type of `5 < 3`? What does that stand for (should be familiar from Snap!)? 3. What is the difference between `==` and `=` ? 4. What data type do you think `my_favorite_animal == user_favorite_animal` is?

Part 2 Open up the console. Type the following code into the interactive editor. ``Python >>>

```
months_with_driving_permit = 6 >>> age = 16 >>> can_get_license = months_with_driving_permit >= 6 and
age >= 16 >>> print(can_get_license) ``
```

In your Notebook, add this to your notes in your notebook 1. What does `and` do here? What type do you think `can_get_license` is? 2. Update the code to fit the new driving law: If you are over the age of 18 you don't need to have a permit

Part 3 Open up the console. Type the following code into the interactive editor. ``Python >>>

```
animal = 'mouse' >>> animal == 'cat' or 'dog' >>> animal =
'mouse' >>> animal == 'cat' or animal == 'dog' ``
```

In your notebook, continue answers to the following 1. What does `=` and `==` do here? 2. What is the difference between the two `or` statements?