TTS RoR Notes

**11/20/17**

HTTP Verbs

* Get – retrieve items from resource
* Post - create new item in resource
* Put – replace existing item in resource
* Patch – update existing item in resource
* Delete – delete existing item in resource

\*This relates to RESTful design

Don’t Repeat Yourself – Keep code dry - helps to reduce errors and streamlines production and collaboration

Make folders: mkdir

Change directory: cd

**11/27/17**

~ = Home path

<tbody style=”background-color: salmon;”> used to change background colors on a table

12.6.17:

**DO NOT USE CAPITALS TO DEFINE A VARIABLE**

.class will define what an object is

Use snake to define variables. Ex: my\_programming\_class

[] use to pick something out of a list [1, 12.0, true, “programming\_class”][3] will display true. Or [1..3] displays 112 or [-5..-1] will display “class”.

.. is range

Joe.reverse displays eoJ

Name=joe displays joe.

Name.reverse.capitalize displays eoJ

.upcase capitalizes all characters in a string or variable

Name.length defines number of characters in a string

19 % 10 displays the remainder

\*\* is exponent

+= adds to existing value shortcut is for x = x + 5

== compares two values 5==5 displays true and 5 == 4 displays 4

In ruby, the only statements for false are “False” and “NIL”

Gets always gives a string is how to get info from command line. Gets.chomp removes anything after this

my\_age = 1000

my\_age.to\_i converts to an integer since gets displays string

to\_s converts to string

“My Name is #{name}”

**Reference – ruby-style-guide**

Visual Studio Code

AND in if then statement is written as &&. OR is written as ||

=== is close to equal

! – this has a permanent side effect to a variable

(“example”) – parentheses set the word example as a string

If sentence = “every dog has its day” sentence.split turns all words into a string that are separated by a space

**Day 2 Ruby**

Arrays []

Hashes {}

Rand(x) will display random floats between target range

Help understanding symbols. Ex is :age age: 16

\*\* = squared

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Def my\_first\_method

End

\*This is how you define a method

Once defined you call it by typing its name

Methods automatically return value of the last line