**Week 1 :**

1. Ruby/Rails and Github Installation

2. Ruby Basics I

      What is Ruby?, Ruby naming convention, Interactive Ruby (IRB), “ri”, Ruby object, Ruby types: String, Hash, Symbol, Ruby class, Inheritance, 3 ways of creating Ruby object, Ruby methods

3. Ruby Basics II

      Methods Basics, Methods Advanced: Arguments, Visibility, Method with a ! (bang), Modules, Control structures, Exception handling, Ruby operators, Regular expression

4. Ruby Blocks

      What is a block?, How does a block look like?, How does a block get passed and executed?, Proc, & (Ampersand), lambda, Closure

5. Ruby Meta-programming

      What is and Why Meta-programming?, Ruby language characteristics (that make it a great metaprogramm

ing language), Object#respond\_to?, Object#send, Dynamic typing (and Duck typing), missing\_method, define\_method