Ember

* Routes - In Ember, when you hit a URL a route handler for that specific path is called into action and first renders the associated template as well as load the model available to the template. The route handler is a javascript file.
* Template - A template controls how the route will render. It is Ember’s version of a jsp page, and has a “.hbs” extension. The templates use the Handlebar syntax, which begin with double open curly braces “{{“ and end with double close curly braces “}}”
  + Inside these handlebars, the template can render anything from properties, to components, or be used as helpers.
* Model – like it sounds, the model is what contains the data/state that the template will render. It is what is returned in the “model()” method within the route handler.
* Components – consist of two parts: a source file (written in javascript) and a template. Components seem to be good for parts that are used over and over again. For example in a car sales site, a component might be written to control what happens when a user clicks on a picture of a car.
  + Controllers are specialized version of components
* CLI – the CLI makes it useful to not only create the ember application itself, but also the different ember parts (route, route handler, template, components, controllers)
  + “ember” command
    - Must install ember in order to add the capability of using the ember command
  + “new” for creating a new application
  + “generate” command to create all other ember parts
    - Routes
    - Templates
    - Components
    - Controllers
* Template hierarchy
  + If you create an “application” template, it automatically becomes the parent template. Meaning that any other templates will not only render their content, but also the application templates content as well. By using the handlebar tag “{{outlet}}”, any child content will get rendered. Likewise, if you put an outlet handlebar tag inside one of your templates, and create a child template/route the parent content will be rendered around the child content.