**Variable Recap:**

Interpolation: When a variable is resolved within a double quoted string

$variable = "This is my string for ${var}"

+= to add an item to an array

Puppet always finds the "closest" scope to the code being executed

Scope is very important

Can access variables outside of scope by defining their scope

$apache::params::varname

**Variable Names:**

. Variable names can begin with AND include:

. Uppercase and Lowercase letters

.Numbers

.Underscores

.DO NOT USE DASHES

.$string variable name is reserved and cannot be used

GOOD:

.$\_server="server"

.$Server="Server"

.$3server="server"

Bad: $server-name

Class Name:

Each starting name space must begin with a ***lowercase letter***

Can include ***lowercase letters, numbers and underscores***

**Bad:**

Class Apache::Params {}

class apache::Params {}

class 1apache::params {}

***Good:***

class apache::params {}

Class apache\_mod::params {}

**Reserved class Names:**

we can't use the following names since they are reserved.

.main

.settings

These names cannot be the name of modules

These names can be included in a module name

**Good:**

main\_apache

apache\_main

**Bad:**

main

settings