**Control Structure :**

Check intellij “controlstructure.groovy” for detail

**Annotation :**

@Controller

**Class** HomeController {

String home(){

}

}

On top of class we put an annotation here to kind of define that this particular set of code.

1. @sign indicates that what follows is a controller
2. In this case it can take parameter
   1. @Controller (name = “MyHomeController”)
3. For the most part of java and groovy we are consumer of annotation
4. Unlike the java language, in groovy annotation can be used to alter the semantics of a language and this is especially true of AST transformation, which will generate code based on that annotation.

**Operators :**

Check Inellij

**Grape :**

Grape is a jar dependency manager embedded in groovy.

Syntax :

@Grab

@Grapes(  
 @Grab(group='org.apache.commons', module='commons-lang3',version='3.4')  
)  
  
  
import org.apache.commons.lang3.text.WordUtils  
  
String name ="Rakesh Kumar Yadav"  
  
WordUtils wordutils = new WordUtils()  
  
​println wordUtils​.initials(name)​