

To build the project, copy/paste following commands into the terminal/  
command-line

### STEP 1: INSTALL GRADLE

- 1) `curl -s "https://get.sdkman.io" | bash`
- 2) `source "$HOME/.sdkman/bin/sdkman-init.sh"`
- 3) `sdk version` (this should show: `sdkman 5.0.0+51`)
- 4) `sdkman_beta_channel=true`
- 5) `sdk selfupdate force`
- 6) `sdk install gradle` (this should show: Do you want gradle 2.5 to be set as default? (Y/n): "Enter 'Y' ")

### GRADLE HAS BEEN INSTALLED

### STEP 2: BUILD THE FILES

- 1) `cd` into the project folder and add a new file -> `build.gradle` (in cmd line, enter: `vi build.gradle`. In vi editor, press 'i' to edit the file)

- 2) Enter the following lines into the `build.gradle` file:

```
buildscript {  
    repositories {  
        mavenCentral()  
    }  
    dependencies {  
        classpath("org.springframework.boot:spring-boot-gradle-plugin:  
1.4.2.RELEASE")  
    }  
}  
  
apply plugin: 'java'  
apply plugin: 'eclipse'  
apply plugin: 'idea'  
apply plugin: 'spring-boot'  
apply plugin: 'application'  
  
mainClassName = 'rest_api.RestApiService'  
  
jar {  
    baseName = 'gs-rest-service'  
    version = '0.1.0'  
}
```

```
repositories {  
    mavenCentral()  
}  
  
sourceCompatibility = 1.8  
targetCompatibility = 1.8  
  
dependencies {  
    compile("org.springframework.boot:spring-boot-starter-web")  
    testCompile('org.springframework.boot:spring-boot-starter-test')  
}
```

- 3) To save the file and exit -> press 'esc' then press ':' and enter 'wq' (this should exit you from the vi editor)
- 4) Enter gradle build in the cmd line
- 5) Enter gradle wrapper -gradle-version 2.13
- 6) Enter ./gradlew build

AT this stage the code has been built