Spring Professional Exam Tutorial v5.0

Environment Setup

Tools Used

- JDK 11.0.2
  https://www.oracle.com/technetwork/java/javase/downloads/jdk11-downloads-5066655.html
- Maven 3.6.1
  https://www-eu.apache.org/dist/maven/maven-3/3.6.1/binaries/
- IntelliJ IDEA
  https://www.jetbrains.com/idea/download/

Environment Validation - JDK

- JDK Installation Validation

```
> echo %JAVA_HOME%
C:\Java\jdk-11.0.2

> java -version
java version "11.0.2" 2019-01-15 LTS
Java(TM) SE Runtime Environment 18.9 (build 11.0.2+9-LTS)
Java HotSpot(TM) 64-Bit Server VM 18.9 (build 11.0.2+9-LTS, mixed mode)

> javac -version
javac 11.0.2
```

Environment Validation - Maven

- Maven Installation Validation

```
> echo %MAVEN_HOME%
C:\apache-maven-3.6.1


> mvn -version
Apache Maven 3.6.1 (d66c9c0b3152b2e69ee9bac180bb8fcc8e6af555;
2019-04-04T21:00:29+02:00)
Maven home: C:\apache-maven-3.6.1\bin\..
Java version: 11.0.2, vendor: Oracle Corporation, runtime:
C:\Java\jdk-11.0.2
Default locale: en_US, platform encoding: Cp1250
OS name: "windows 10", version: "10.0", arch: "amd64", family:
"windows"
```

Environment Validation – Compile all Examples and Run Environment Validation Example

- Download & Extract Course Examples
- Compile all examples

```
> mvn clean install
```

- Validate that `[INFO] BUILD SUCCESS` is visible on the screen
- Go to module01-environment-validation
- Run the example

```
> mvn exec:java
```

- Validate that `Hello From Spring Framework` is visible on the screen