

Step 1: **Download and Install Java 17**

You can use any trusted distribution. Here's the easiest:

Option A: Adoptium (Recommended)

Visit:

 <https://adoptium.net/en-GB/temurin/releases/?version=17>

- Select **Windows x64** , **JDK 17** , and install it.

Option B: Oracle JDK 17

Visit:

 <https://www.oracle.com/java/technologies/javase/jdk17-archive-downloads.html>

Step 2: **Set JAVA_HOME and update your PATH**

After installing Java 17:

Set JAVA_HOME:

1. Press **Win + S**, search for **Environment Variables** , and open it.
2. Under **System Variables** , click **New** :
 - Variable name: **JAVA_HOME**
 - Variable value: Path to your Java 17 installation (e.g., **C:\Program Files\Java\jdk-17.0.x**)

Add JAVA_HOME/bin to PATH:

1. Still in **Environment Variables** , find the **Path** variable under **System Variables** .
2. Click **Edit** > **New**
3. Add:

`%JAVA_HOME%\bin`

☒ Step 3: **Verify Setup**

Close and reopen your terminal (or use **cmd**) and run:

```
java -version
javac -version
echo %JAVA_HOME%
```

Expected output should look like:

```
java version "17.0.x"  
javac 17.0.x  
C:\Program Files\Java\jdk-17.0.x
```

Step 4: Run Your Spring Boot App

```
cd C:\vs_code\intellcap\MR-BOOKING-PLATFORM\dev\MR-BOOKING-  
BACK\springSecurityCode  
./mvnw spring-boot:run
```