

# RAJAT VERMA

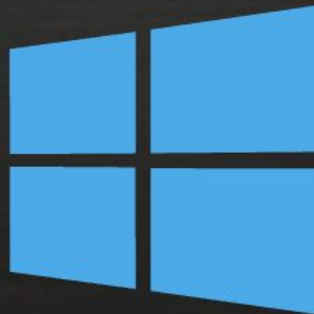
# SOFTWARE TESTING

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# MAVEN



<https://github.com/rajatt95>


<https://www.youtube.com/@rajatt95>



# What is Maven?

1. Maven is a popular open-source build tool developed by the Apache Group to build, publish, and deploy several projects at once for better project management
2. Maven requires **JAVA** to execute. So we will have to first install Java and then maven into our WIN OS
3. Verifying the JDK installation

a. **java -version**



```
cmd Select Command Prompt
Microsoft Windows [Version 10.0.19045.2486]
(c) Microsoft Corporation. All rights reserved.

C:\Users\Verma>java -version
java version "15.0.2" 2021-01-19
Java(TM) SE Runtime Environment (build 15.0.2+7-27)
Java HotSpot(TM) 64-Bit Server VM (build 15.0.2+7-27, mixed mode, sharing)

C:\Users\Verma>
```



# How to download Maven?

1. Go to URL:
  - a. <https://maven.apache.org/download.cgi>
2. Download the “**apache-maven-3.8.7-bin.zip**” file

	Link
Binary tar.gz archive	<a href="#">apache-maven-3.8.7-bin.tar.gz</a>
Binary zip archive	<a href="#">apache-maven-3.8.7-bin.zip</a>



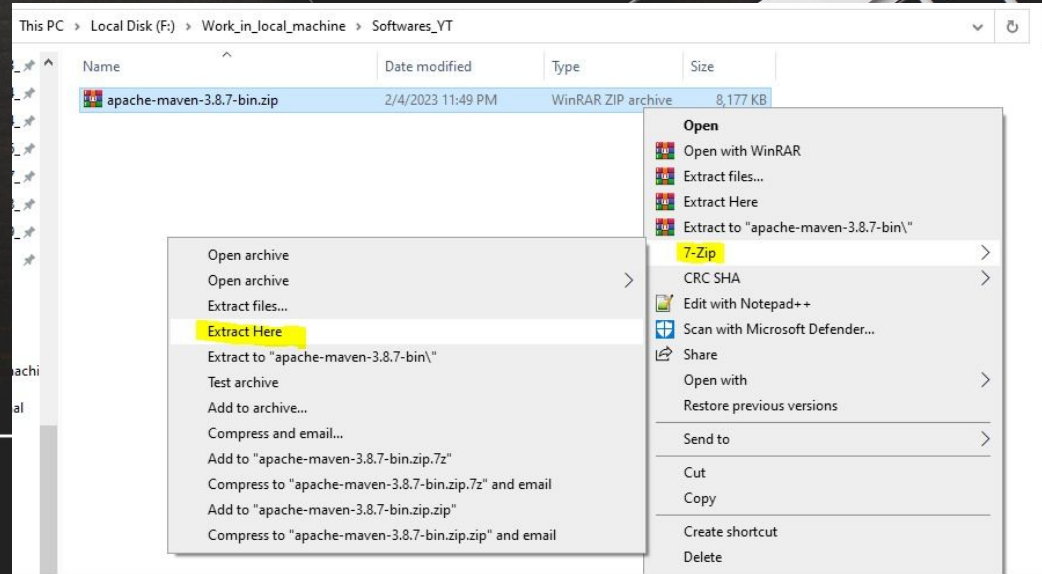


# How to setup Maven?

1. Move this zip file into some directory
  - a. Example: Softwares/apache-maven-3.8.7-bin.zip
2. Extract the downloaded file
  - a. By using software
    - i. 7-Zip

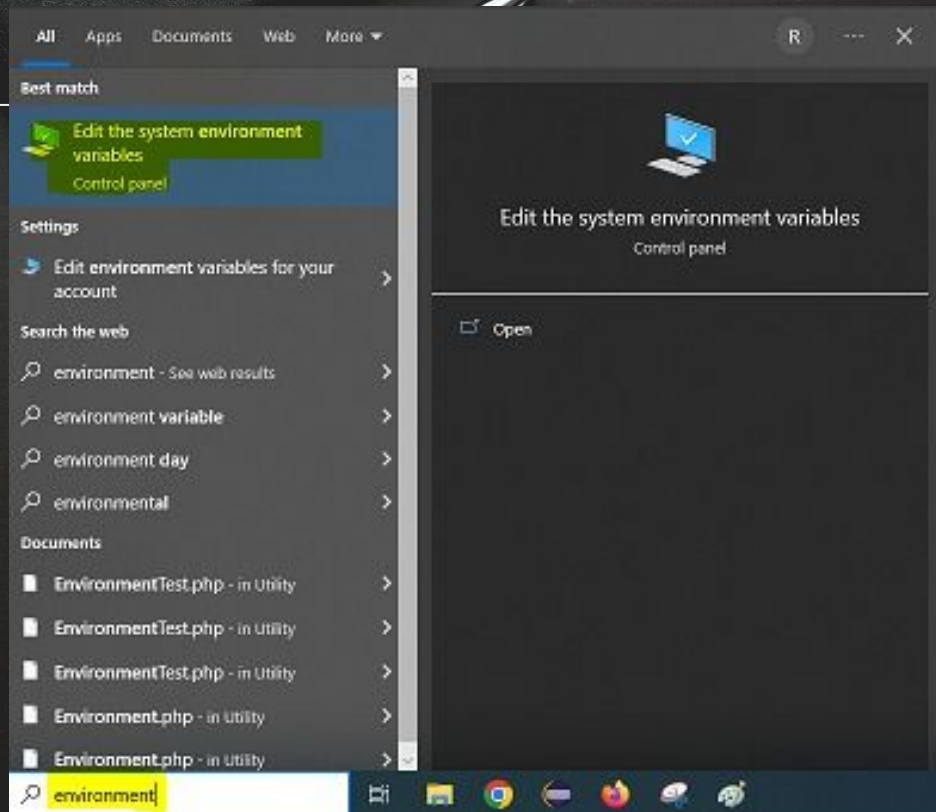


<https://github.com/rajatt95>



# Setup Environment Variable

1. Search for
  - a. Environment Variables



<https://github.com/rajatt95>

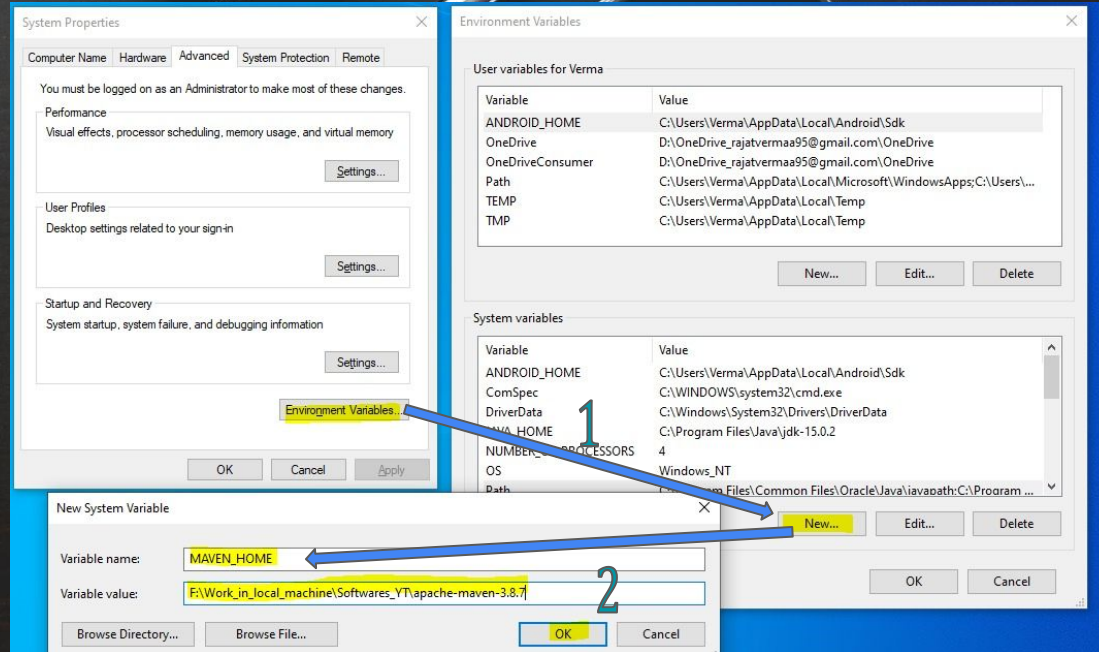
<https://www.youtube.com/@rajatt95>



# Setup Environment Variable

..... (2)

1. Environment Variables
2. Under System variables
  - a. New
3. Variable
  - a. Name: MAVEN\_HOME
  - b. Value: Folder Path





..... (3)

- 



# Setup Environment Variable

..... (4)

1. Open Command Prompt
2. To verify that Maven setup
3. Command
  - a. **mvn -version**



```
Ca. Select Command Prompt
Microsoft Windows [Version 10.0.19045.2486]
(c) Microsoft Corporation. All rights reserved.

C:\Users\Verma>mvn -version
Apache Maven 3.8.7 (b89d5959fcde851dcb1c8946a785a163f14e1e29)
Maven home: F:\Work_in_local_machine\Softwares_YT\apache-maven-3.8.7
Java version: 15.0.2, vendor: Oracle Corporation, runtime: C:\Program Files\Java\jdk-15.0.2
Default locale: en_US, platform encoding: Cp1252
OS name: "windows 10", version: "10.0", arch: "amd64", family: "windows"

C:\Users\Verma>
```







# RAJAT VERMA

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SOFTWARE TEST ENGINEER



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