Installing TOMCAT on Linux OS.

Step 1: Install Tomcat from Binary

First, navigate over to the download page and select specific version of Tomcat.

https://tomcat.apache.org/download-90.cgi

Under the heading version 9 or whichever is the newest version at the time, you'll see Binary Distributions. Under Binary Distributions you'll see Core and then tar.gz. Right click on tar.gz and copy the URL.

or use below link to download version 9.x

https://dlcdn.apache.org/tomcat/tomcat-9/v9.0.55/bin/apache-tomcat-9.0.55.tar.gz

After the download completes, decompress the file:

`tar xvzf apache-tomcat-9.0.0.M20.tar.gz`

Now, move the file into a proper location:

`mv apache-tomcat-8.5.14 /opt/tomcat`

Step 2: Install Java 8 or above version.

Before you can use Tomcat you'll have to install the Java Development Kit (JDK) 7. First let's check to see if Java is installed:

`java -version`

If that returns the following then Java hasn't yet been installed:

`The program 'java' can be found in the following packages:`

To install Java, simply run the following command (and at the prompt enter Y to continue):

`apt-get install openjdk-7-jdk`

Step 3: Configure .bashrc (**Optional)**

Now let's set the environment variables in .bashrc:

`vim ~/.bashrc`

Add this information to the end of the file:

```
export JAVA_HOME=/usr/lib/jvm/java-7-openjdk-amd64
export CATALINA_HOME=/opt/tomcat
```

Simply save and exit .bashrc, then make the changes effective by running the following command:

```
. ~/.bashrc
```

Step 4: Test Run

Tomcat and Java should now be installed and configured on your server. To activate Tomcat, run the following script:

```
$CATALINA_HOME/bin/startup.sh
```

You should get a result similar to:

```
Using CATALINA_BASE:   /opt/tomcat
Using CATALINA_HOME:   /opt/tomcat
Using CATALINA_TMPDIR:   /opt/tomcat/temp
Using JRE_HOME:   /usr/lib/jvm/java-7-openjdk-amd64/
Using CLASSPATH:   /opt/tomcat/bin/bootstrap.jar:/opt/tomcat/bin/tomcat-juli.jar
Tomcat started.
```

Verify that Tomcat is working by visiting the_IP_of_your_server:8080. For example: http://127.0.0.1:8080