

# Preparing to Work in Tomcat's Environment

Tomcat is a Java-enabled web server that can be used as a host for servlets

A domain has been created for you to access your servlets. The instructor's domain is: <http://spiegel.kutztown.edu:8080/>

Your Tomcat web domain will use your login id in place of the instructor's.

## Setup on acad (csit):

- Confirm that the following directories exist in your login directory:
  - webapps
  - logs

If these directories are not present, create them.

*webapps* is where Tomcat sniffs for web archive files. When a war file is placed there, Tomcat will deploy it, according to the information located here:

<http://faculty.kutztown.edu/spiegel/CSc521/TomcatServletDeployment/>

*logs* is where error messages will be available.

## Classpath Requirements:

- Place `/usr/share/java/servlet.jar` in your classpath.

Later, our servlets will be using an oracle database to store data.

- Place `/usr/lib/oracle/12.1/client64/lib/ojdbc6.jar` in your classpath

Place

```
export JAVA_HOME="/etc/alternatives/java_sdk_1.8.0"  
export CATALINA_HOME="/opt/tomcat/latest"
```

in `.bash_profile`, under the entry for `JAVA_HOME`

## Java Version Requirements:

- Tomcat runs on acad (csit), and uses the version of java (1.8.0\_262) installed on that machine. Be sure to compile your servlets on acad.