

Preparation

Download and extract the code package to U:\ess_tute3

We will be using a Unix command line available under Program Files → Cygwin → Cygwin Bash Shell.

Type in your Bash shell:

```
cd /cygdrive/u/ess_tute3
```

Compile

```
javac compute/*.java
```

```
javac client/*.java
```

```
javac engine/*.java
```

Deploy

```
jar cf compute.jar compute/*.class
```

```
mkdir /cygdrive/c/temp/server_classes
```

```
cp compute.jar /cygdrive/c/temp/server_classes
```

```
mkdir /cygdrive/c/temp/client_classes/
```

```
cp client/*.class /cygdrive/c/temp/client_classes/
```

Start Servers

Open your web browser and go to <http://localhost:8080>

Click on the Tomcat Manager link and login with the following (admin:student)

Go to Deploy → Deploy directory and deploy the following two (2) directories:

Context Path: /server Directory URL: C:\temp\server_classes

Context Path: /client Directory URL: C:\temp\client_classes

Return to your Bash shell and execute the following commands:

```
rmiregistry 1234 &
```

(type the following on the same line)

```
java -Djava.rmi.server.codebase=http://localhost:8080/server/compute.jar  
-Djava.rmi.server.hostname=localhost  
-Djava.security.policy=server.policy  
engine.ComputeEngine 1234 60001 &
```

You should see "ComputeEngine bound".

(type the following on the same line)

```
java -Djava.rmi.server.codebase=http://localhost:8080/client  
-Djava.security.policy=client.policy  
client.ComputePi 1234 45
```