Week 2 Tutorial – JAVA RMI with objects

[Create a Java Maven Project in NetBeans 1](#_Toc188884173)

[Download the zip file of code for this weeks lab from Moodle. 1](#_Toc188884174)

[Using the provided code, create each of the classes in your project. 1](#_Toc188884175)

[Start the server 1](#_Toc188884176)

[Start the client 2](#_Toc188884177)

[Update the client to create a few more bookings 2](#_Toc188884178)

[How to stop the server 2](#_Toc188884179)

[Trouble Shooting 3](#_Toc188884180)

[Draw a class diagram of this application 3](#_Toc188884181)

# Create a Java Maven Project in NetBeans

NetBeans will automatically make an App class with a main method. **You can delete this class as we are going to write the main method ourselves.**

# Download the zip file of code for this weeks lab from Moodle.

Extract the code into a temporary file and **look at it to see what is there**.

# Using the provided code, create each of the classes in your project.

Read the source code that is provided and do your best to understand the code that is there. Pay attention to the package name in the code, make sure it matches the package name you are using in your project.

# Start the server

When all the files are ready with no compile issues

Start the server by running BookHolidaysImpl.java ( right click on it and select run)

You should see some output on the output tab and hopefully a message that the server is started…

A screenshot of a computer program

AI-generated content may be incorrect.

# Start the client

Start BookHolidaysClient ( right click on it and select run )

Again look for the output on the output tab in NetBeans.

A screenshot of a computer

AI-generated content may be incorrect.

# Update the client to create a few more bookings

You can run the client again as before. The server will still be running unless you stop it.

# How to stop the server

The server will run forever until you stop it ( or close NetBeans). To stop it then select Run->Stop Build/Run from the NetBeans menu and stop it.

A screenshot of a computer program

AI-generated content may be incorrect.

# Trouble Shooting

If you try to start the server while it is already running you will see messages like this on the output tab. Follow the steps above to stop the sever before attempting to restart it.A computer screen shot of text

AI-generated content may be incorrect.

# Draw a class diagram of this application

Draw a class diagram that includes all the classes in this application including the RMI classes that you are extending or implementing.