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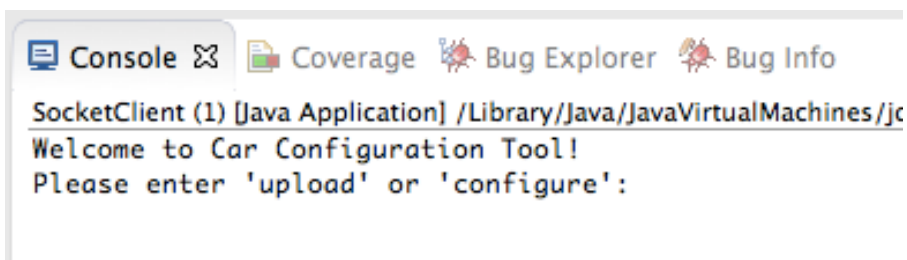
Unit 1-5:

To run the whole program, right click on the Car\_Configuration\_Web project and run on server. Then we can see the following web page pops up:

**Car Configuration Tool**  
by Zac Li  
Number of visits: 1

<b>Make/Model:</b>	<input type="button" value="÷"/>
<b>Color:</b>	<input type="button" value="÷"/>
<b>Transmission:</b>	<input type="button" value="÷"/>
<b>ABS/Traction Control:</b>	<input type="button" value="÷"/>
<b>Side Impact Air Bags:</b>	<input type="button" value="÷"/>
<b>Power Moonroof:</b>	<input type="button" value="÷"/>

Then go to the Car\_Configuration\_Client project, right click on the SocketClient class in client package and run as java application. Next the application will prompt you to type a command.



We type “upload”, and then type in the file path. After the upload is done, the application will prompt you with the same message again, so we can upload multiple files.

```
SocketClient (1) [Java Application] /Library/Java/JavaV
Welcome to Car Configuration Tool!
Please enter 'upload' or 'configure':
upload
Input file path:
car.Properties
Bytes Sent test :3072
from server : ok
Welcome to Car Configuration Tool!
Please enter 'upload' or 'configure':
upload
Input file path:
car2.Properties
Bytes Sent test :3072
from server : ok
Welcome to Car Configuration Tool!
Please enter 'upload' or 'configure':
```

## Car Configuration Tool

by Zac Li

Number of visits: 2

Make/Model:	<div>✓</div>
Color:	<div>Focus</div> <div>Honda</div>
Transmission:	<div>⌵</div>
ABS/Traction Control:	<div>⌵</div>
Side Impact Air Bags:	<div>⌵</div>
Power Moonroof:	<div>⌵</div>

Done

Next we check the web page again. We have successfully uploaded the data and in the drop down menu for car model, we have 2 choices now.

# Car Configuration Tool

by Zac Li

Number of visits: 2

<b>Make/Model:</b>	Focus ▾
<b>Color:</b>	Fort Knox Gold Clearcoat Metallic ▾
<b>Transmission:</b>	automatic ▾
<b>ABS/Traction Control:</b>	Standards ▾
<b>Side Impact Air Bags:</b>	present ▾
<b>Power Moonroof:</b>	present ▾

Done

We can choose whichever of them and they all the corresponding options automatically shows on the webpage.

**You have successfully configured a car!**

Focus	base price	18445.0
Color	Sangria Red Clearcoat Metallic	0.0
Transmission	manual	-815.0
ABS/Traction Control	ABS	400.0
Side Impact Air Bags	not present	350.0
Power Moonroof	manual	-815.0
<b>Total Cost</b>		17565.0

Then after we have made all the configuration, we click on the done button, and the result web page shows up.

#### Unit 6:

The test class is the TestDB class which located in driver package, Database project. Run the class as java application and we can get the following output:

(1) Create a table from the \*.dat file.

Now we have created a new table with the \*.dat file..

Focus, 10000, white

Honda, 12000, silver

Hyundai, 14000, red

Benz, 16000, gold

(2) Insert a new item (BMW) to the existing table.

Now we're testing the insert function....

Focus, 10000, white

Honda, 12000, silver

Hyundai, 14000, red

Benz, 16000, gold

BMW, 20000, Silver

(3) Update the price of Benz to 30000.

Now we're testing the update function....

Focus, 10000, white

Honda, 12000, silver

Hyundai, 14000, red

Benz, 30000, gold

BMW, 20000, Silver

(4) Delete the Benz item.

Now we're testing the delete function....

Focus, 10000, white

Honda, 12000, silver

Hyundai, 14000, red

BMW, 20000, Silver