CTI NELSPRUIT

JAVA UNIT 6 Project

CrossFire Forum- Project 2

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Database Restoration and Database Connection

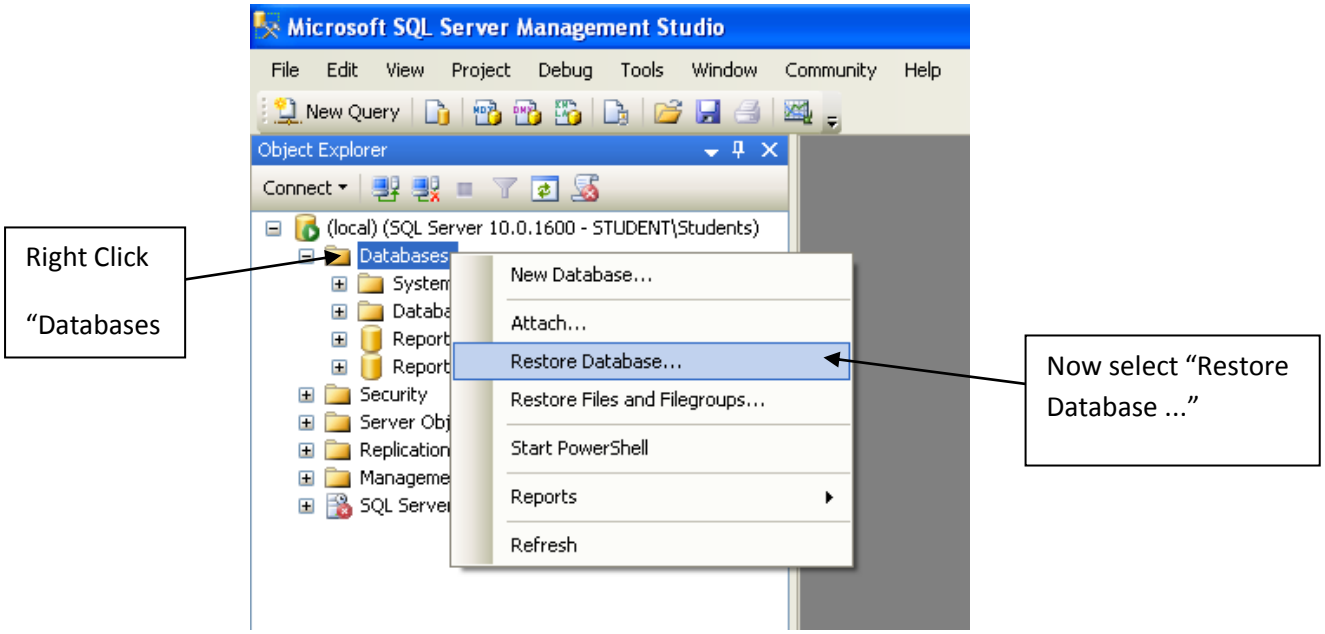
In order to use this Web Service based Web application, your database system needs to be setup correctly.

On your resource disc, a file named “forumdb_toBeRestored.zip” shall be found. First proceed to unzip the contents.

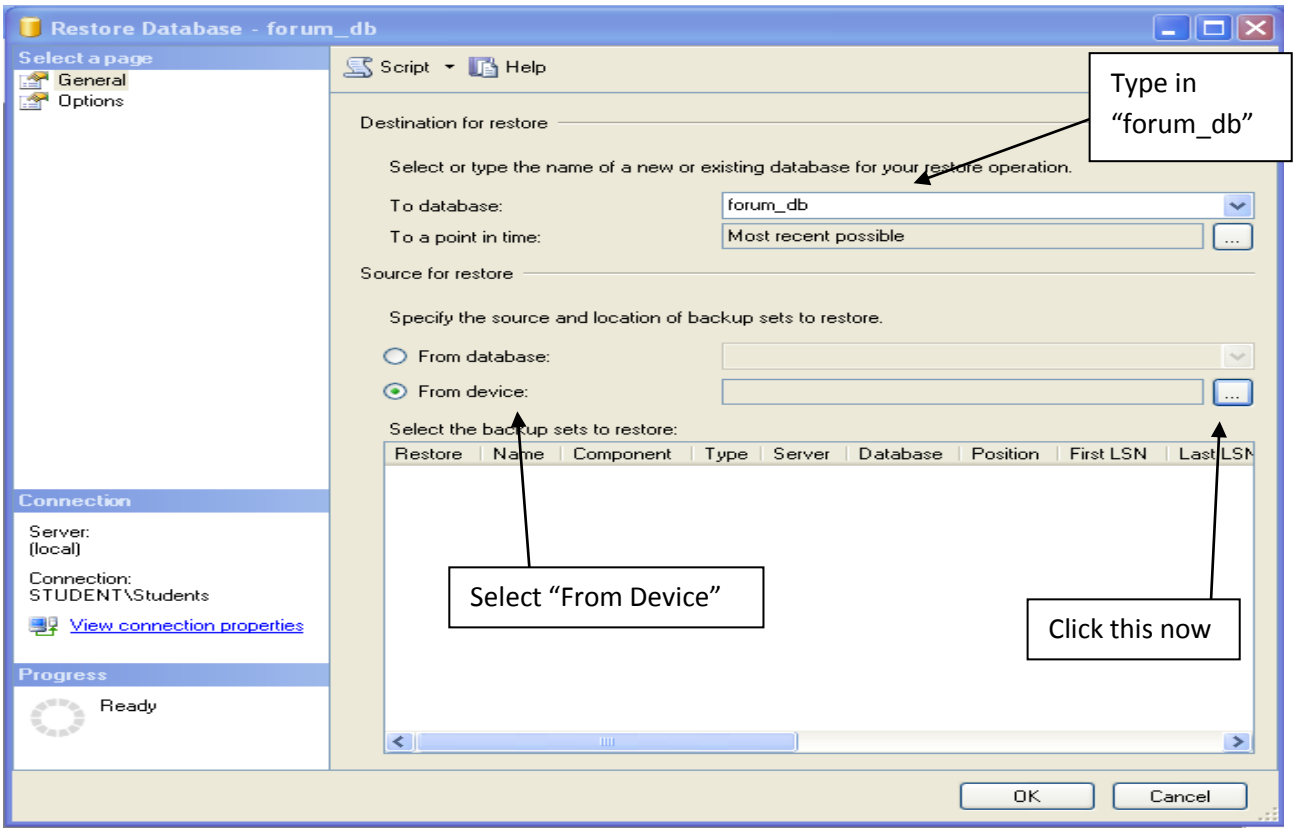
You shall then see a file called “forumdb_toBeRestored”.

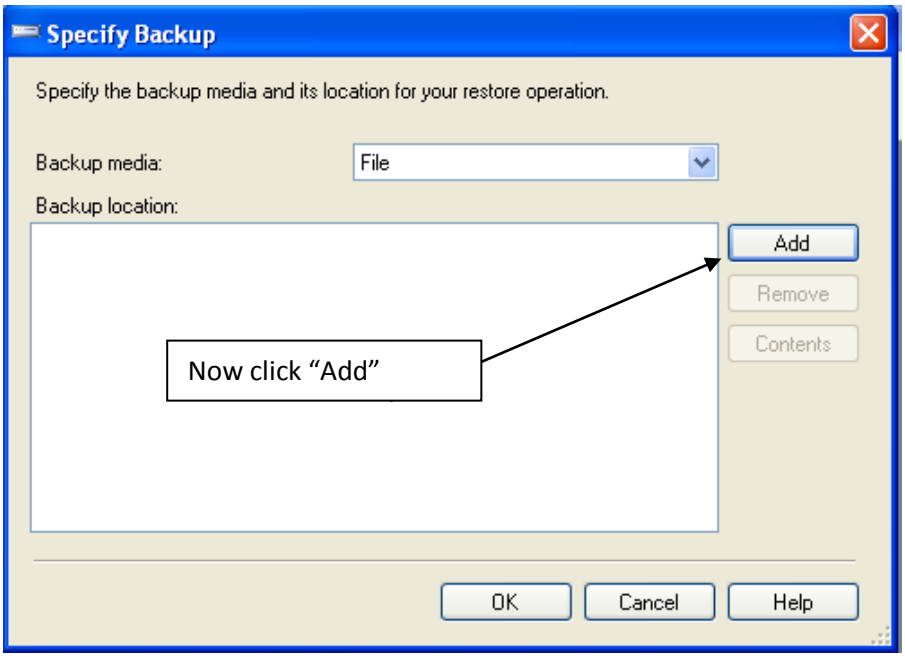
Now proceed to MSSQL 2008.

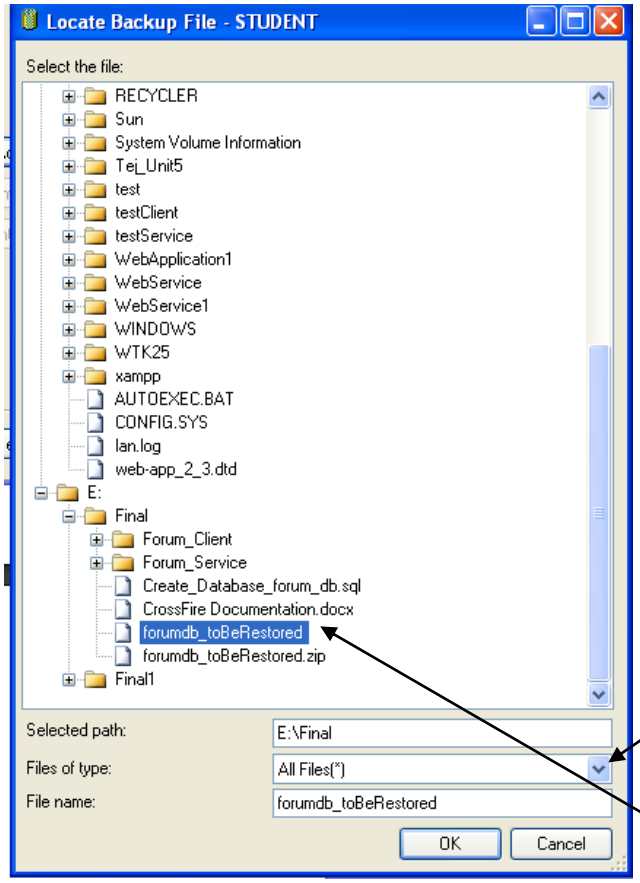
Once opened and successfully logged in, follow the instructions below to complete the first half of setting up the database aspect of this application:



There after the following screen will be shown

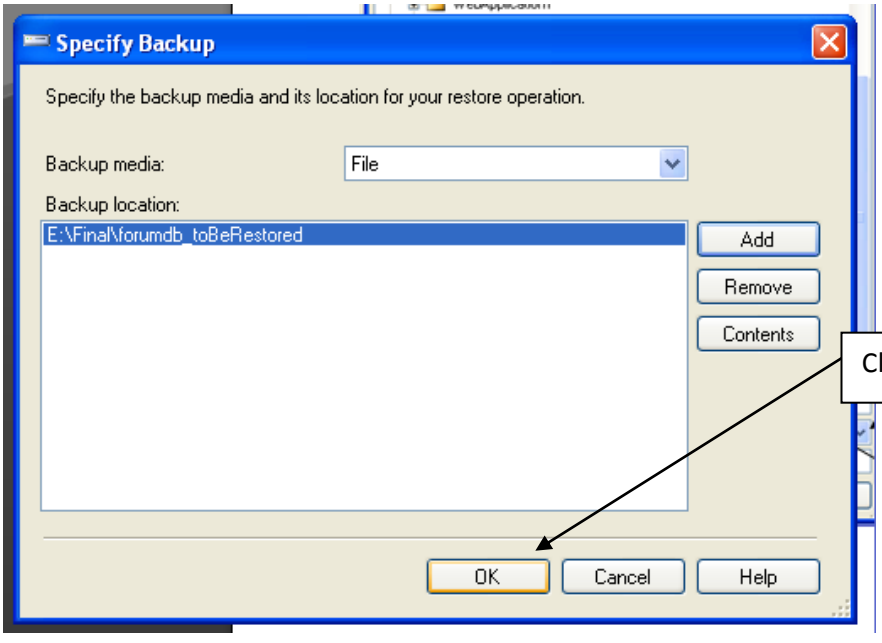




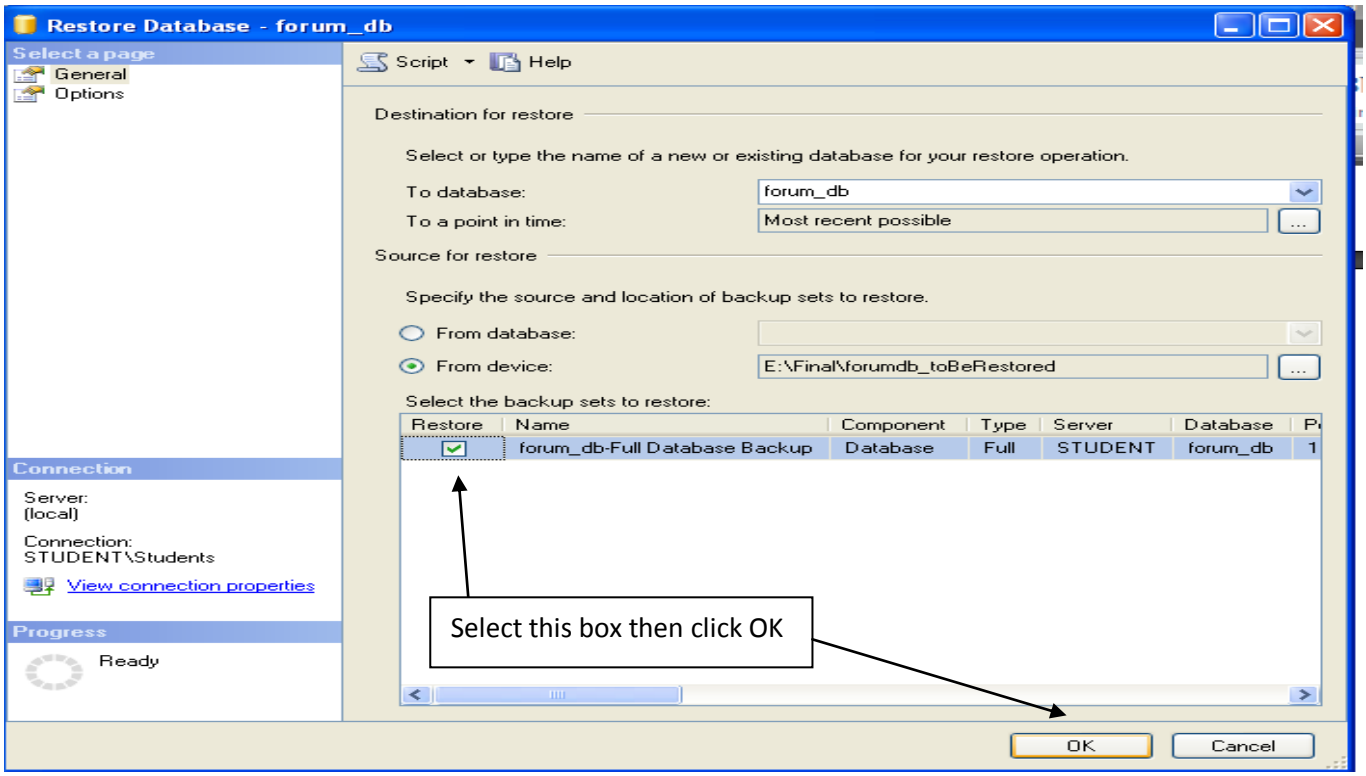


First Click here and select “All Files (*)”

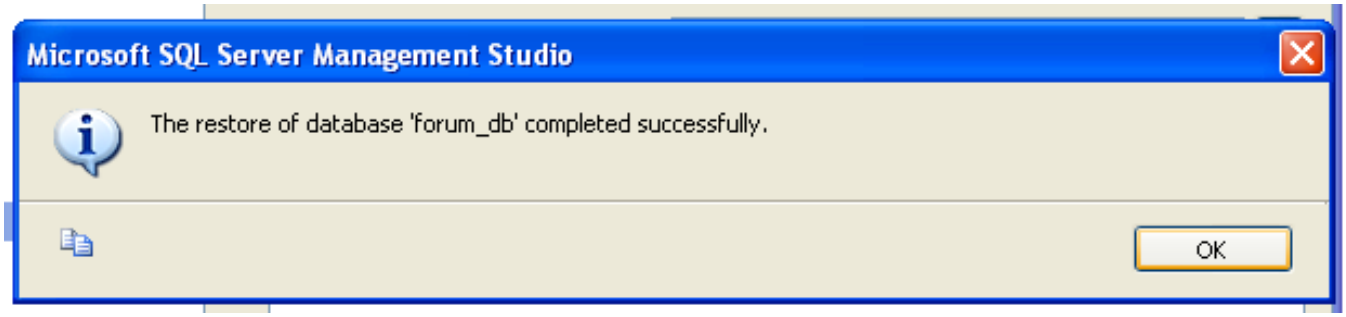
Find the location of the file you unzipped earlier, and select it. Then click OK.

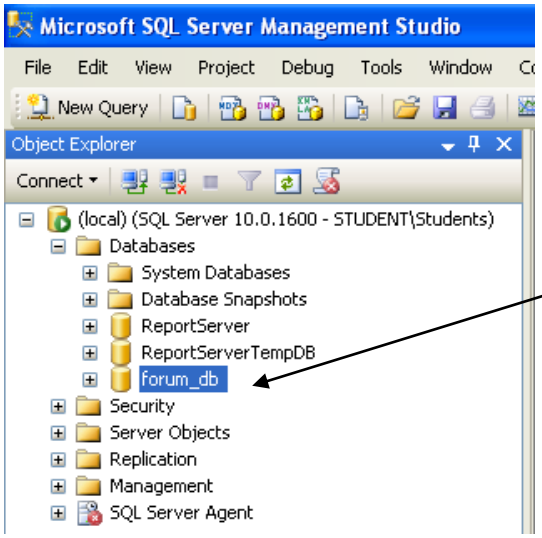


Click OK



The following message will then be shown

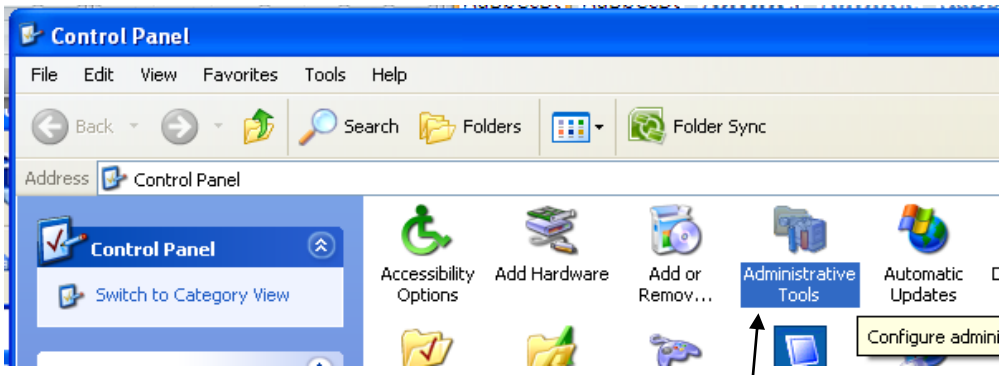




You will now see “forum_db” as one of your databases

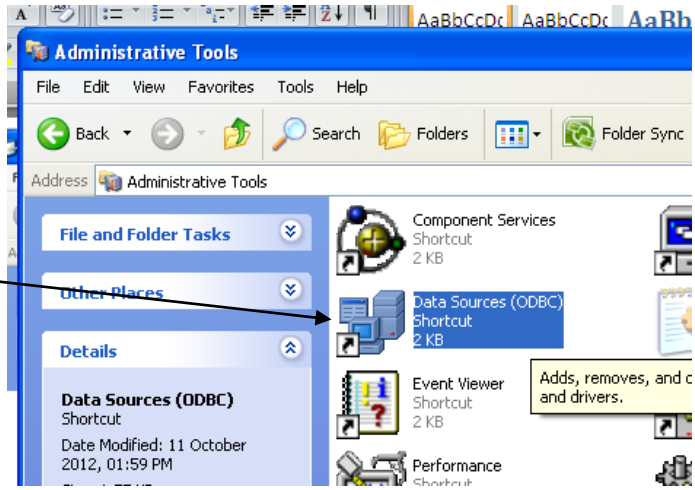
You have successfully restored the database, now to part 2.

Close MSSQL, and now go to your Control Panel of your pc, and select “Administrative Tools”

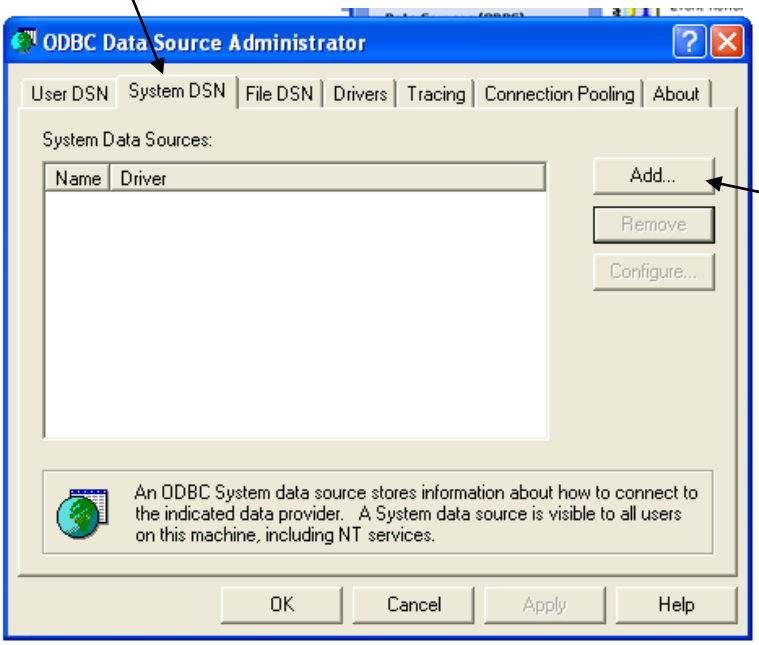


Double click on this

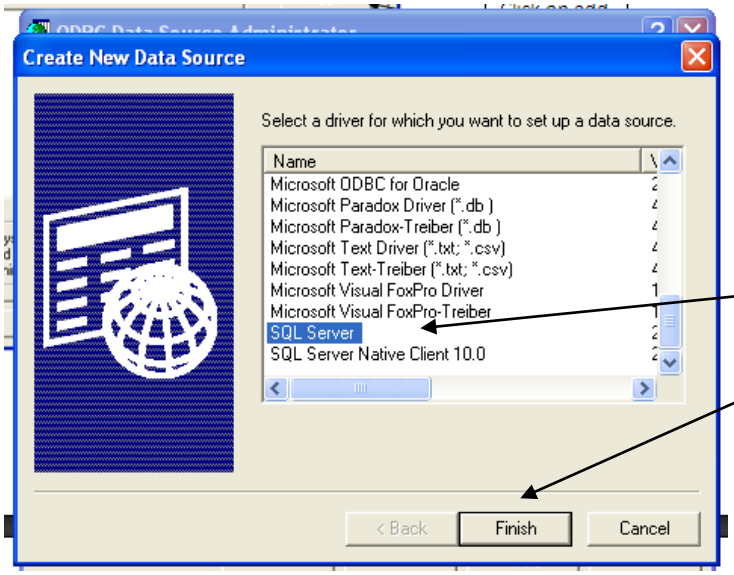
Now double click “Data Sources(ODBC)”



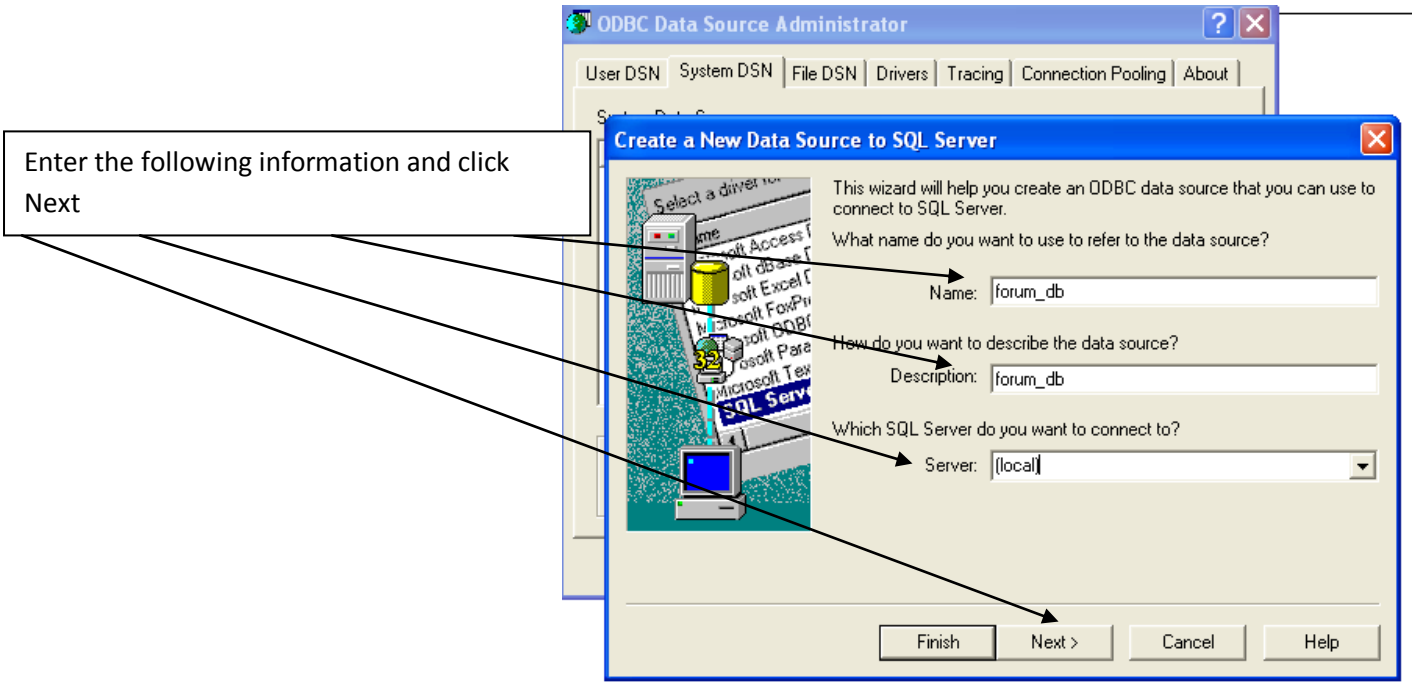
Select this tab



Click on add

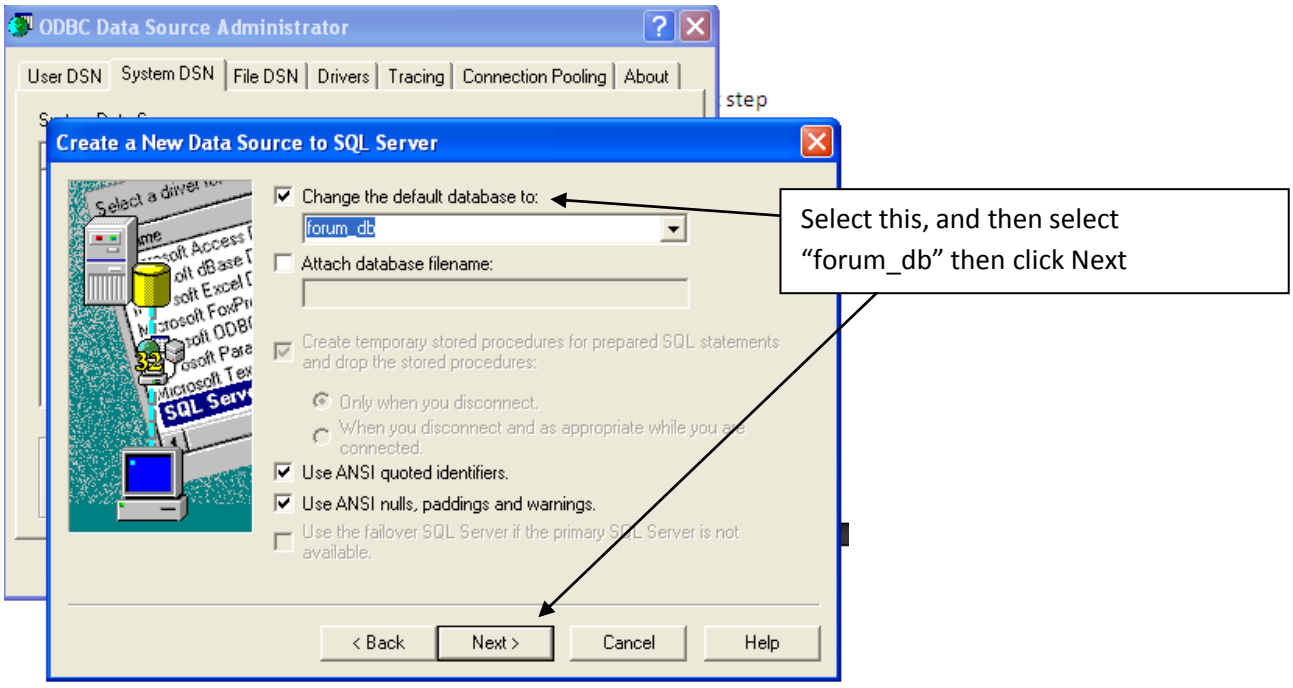


Scroll down and select SQL Server then click Finish

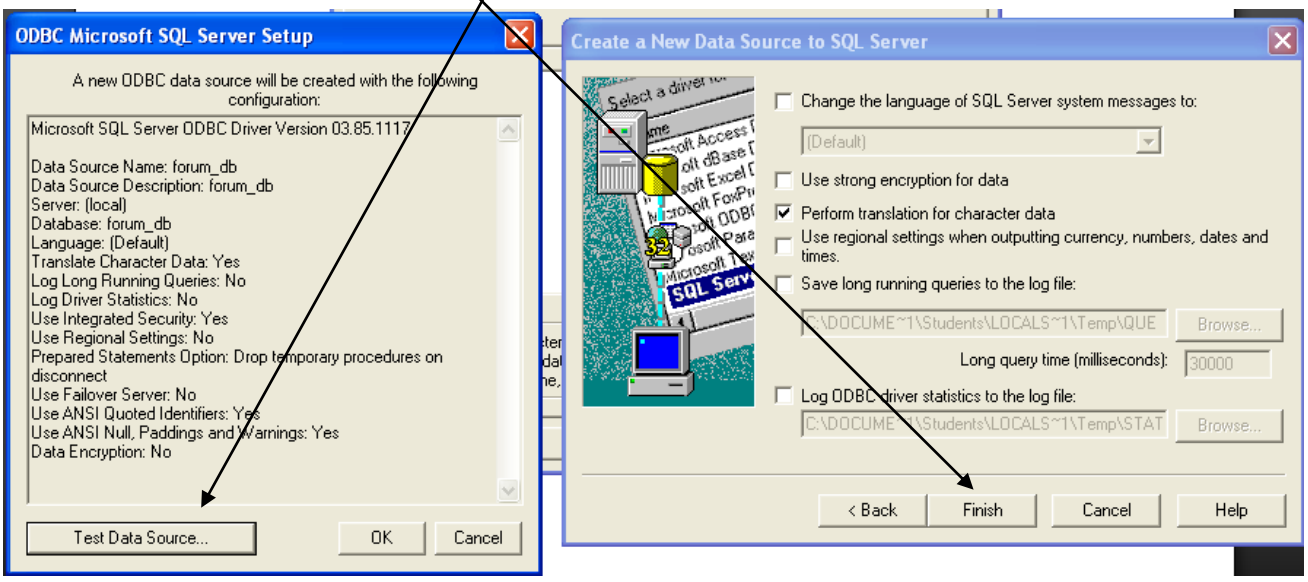


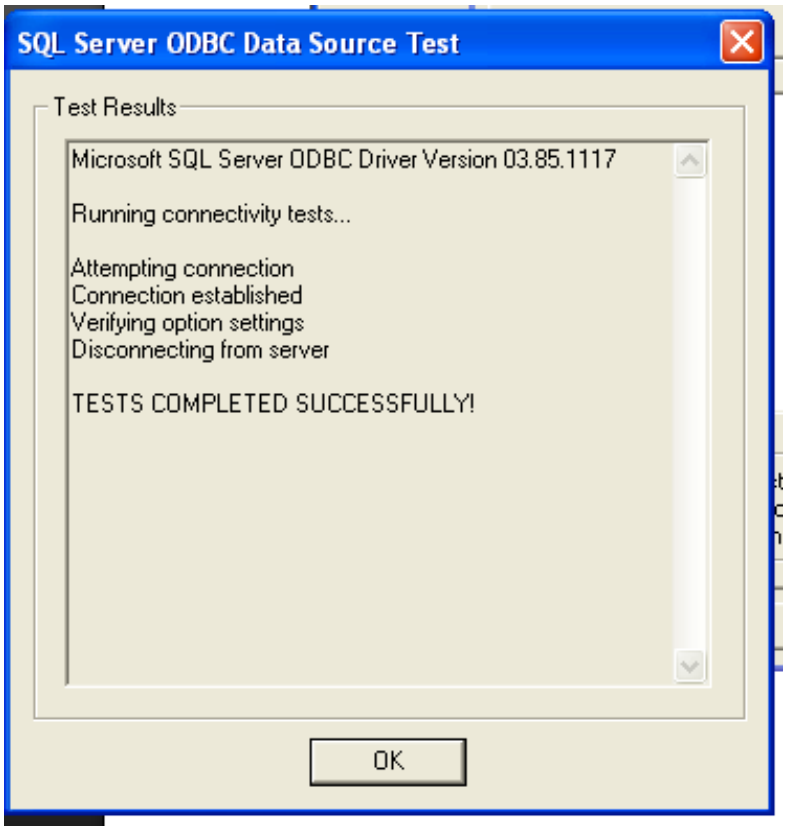
Enter the following information and click Next

Proceed to click next on the screen that follows, no information needs to be edited on that step



On the next page, click finish and then select Test Data Source





If everything is correct, the tests will be successful.

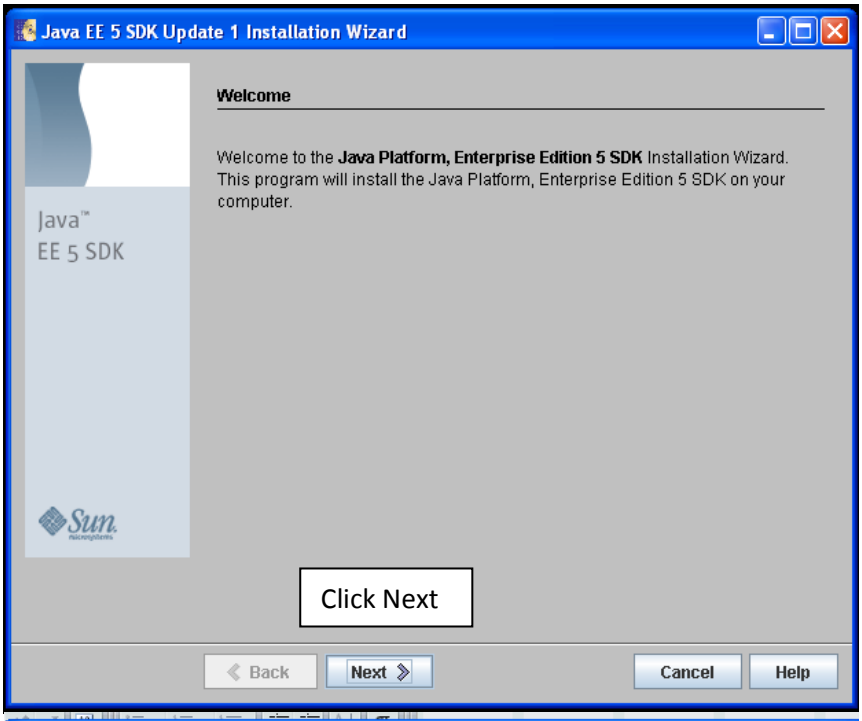
Simply click “Ok”, the “Ok” again and then “OK” again to exit.

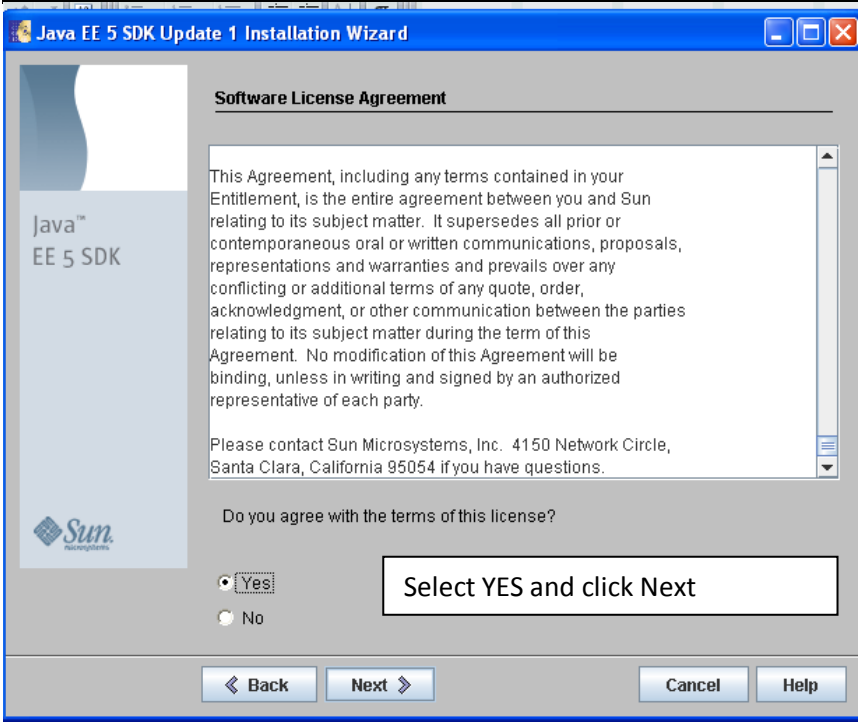
Next I will show you how to set up the Java Sun Applications Server Program, to allow you to use the webservice correctly

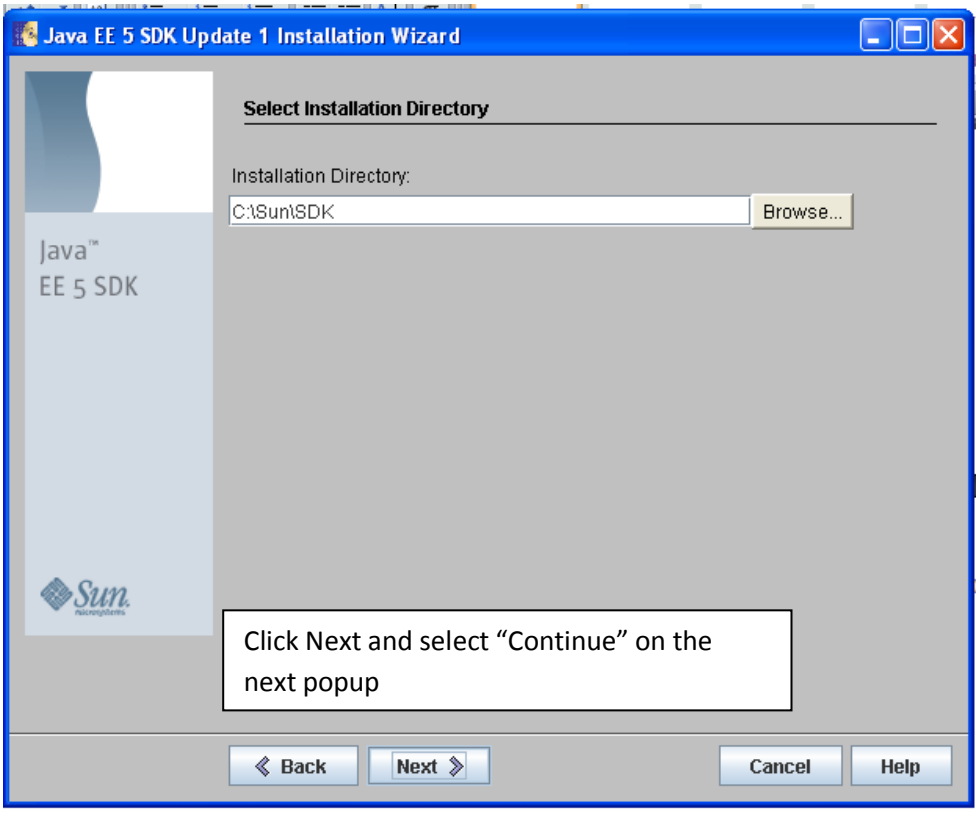
Setting up the Sun Applications Server

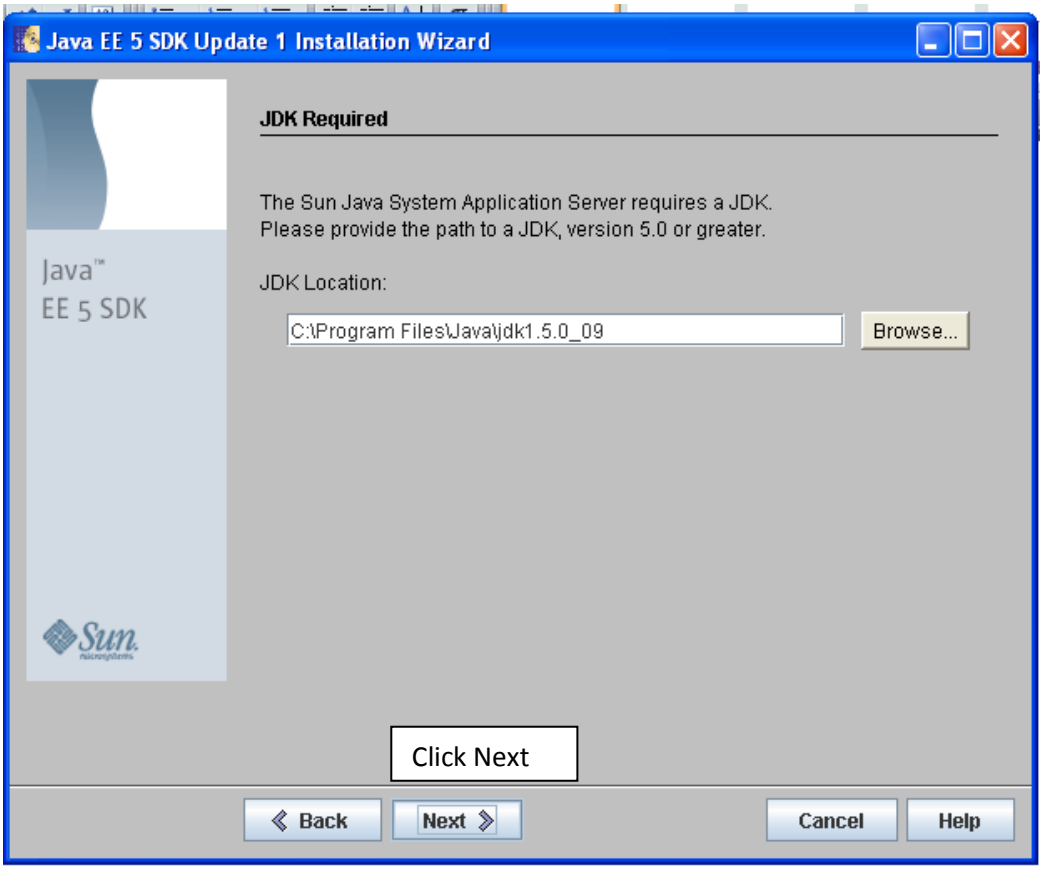
Proceed to the resource disk again, and locate the application named “java_ee_sdk-5_01-windows-nojdk.exe”, double click and run this application

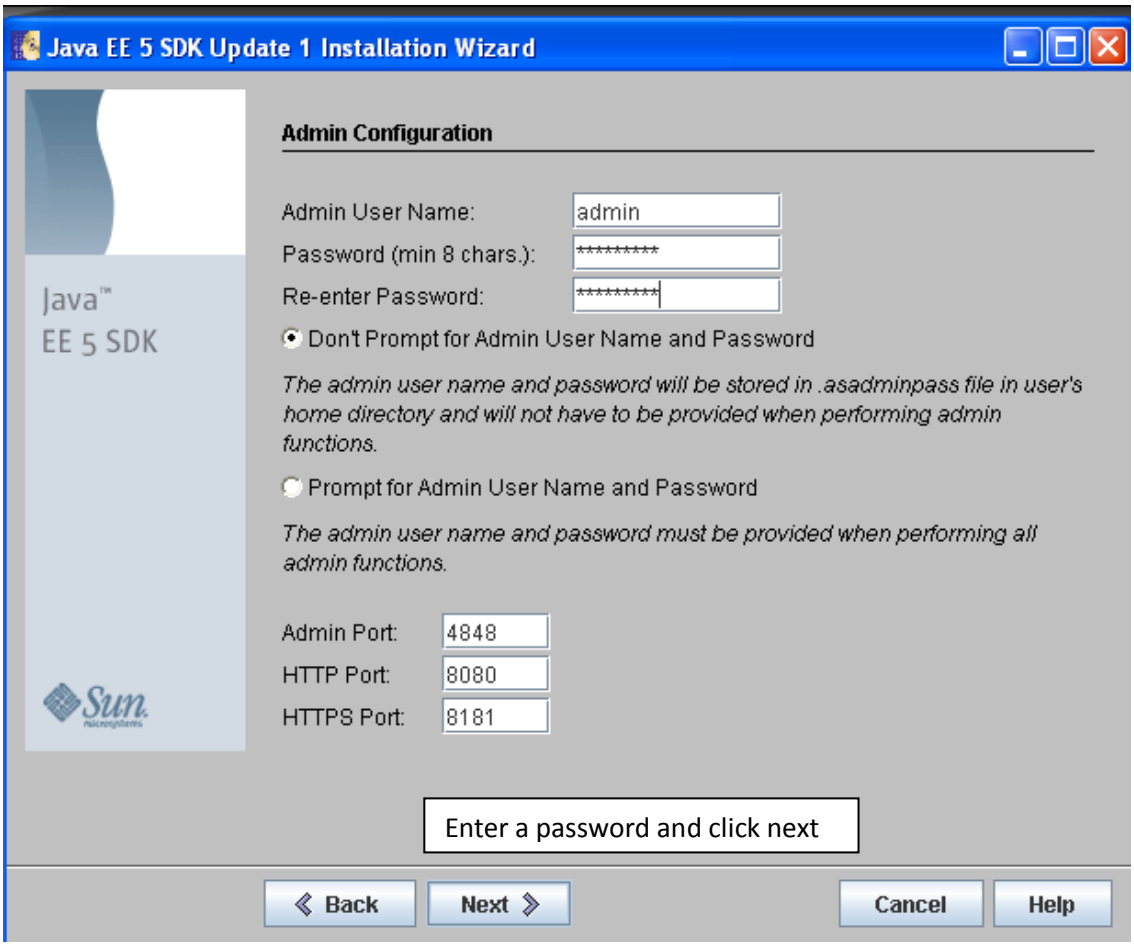
NB. You require java to be properly configured on your pc to run this server program! If you don’t have it properly configured, please find out how to, and then try this installation again!

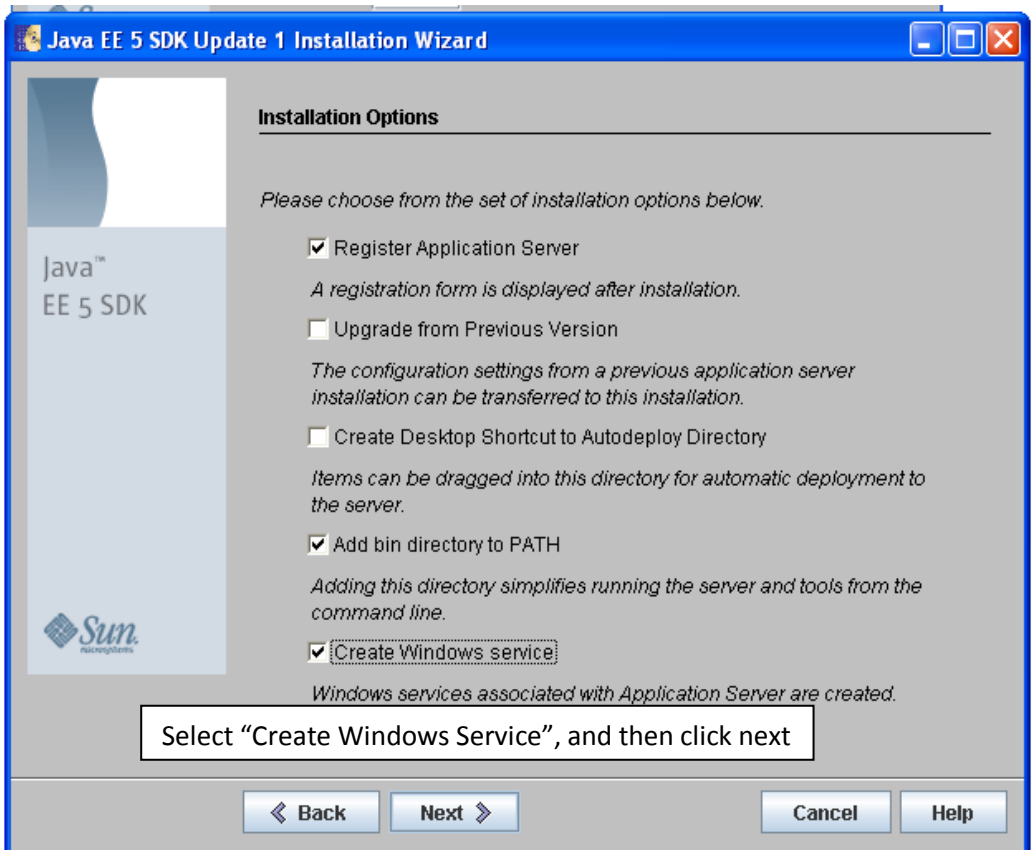





Java EE 5 SDK Update 1 Installation Wizard
Select Installation Directory
Installation Directory:
C:\Sun\SDK
Browse...
Java™
EE 5 SDK
Sun
Click Next and select “Continue” on the next popup
Back
Next
Cancel
Help


Java EE 5 SDK Update 1 Installation Wizard
JDK Required
The Sun Java System Application Server requires a JDK.
Please provide the path to a JDK, version 5.0 or greater.
JDK Location:
C:\Program Files\Java\jdk1.5.0_09
Browse...
Java™
EE 5 SDK
Sun
Click Next
Back
Next
Cancel
Help

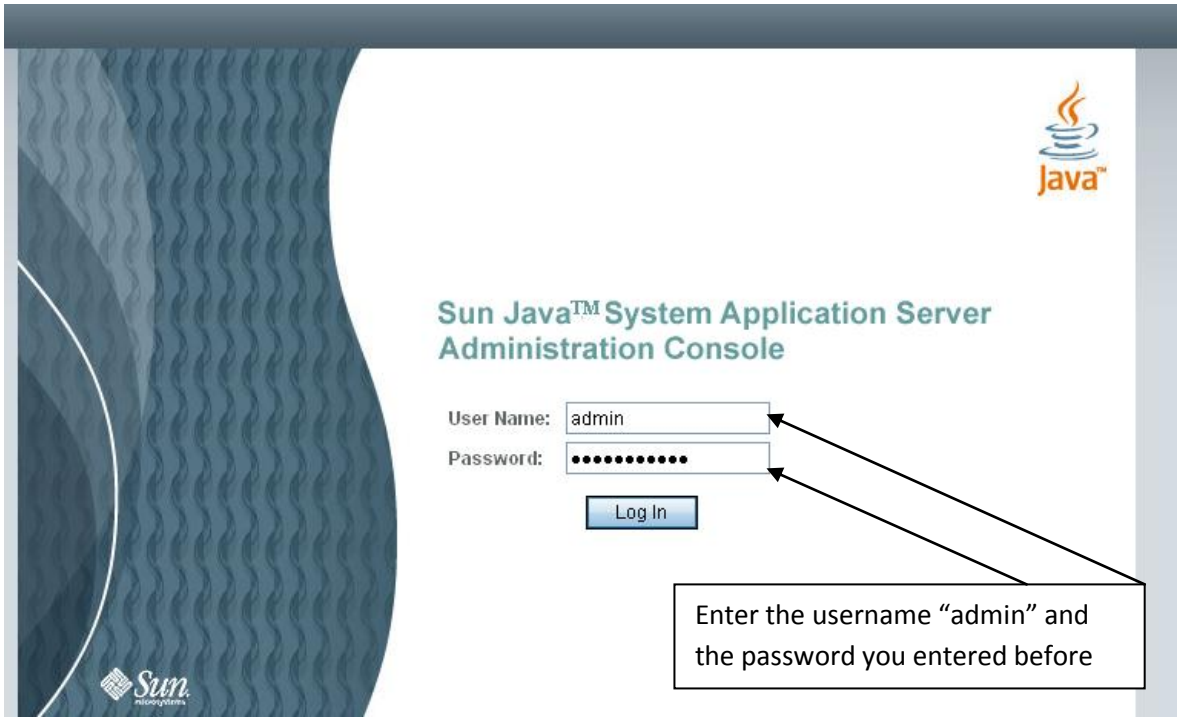

Java EE 5 SDK Update 1 Installation Wizard
Admin Configuration
Admin User Name:
admin
Password (min 8 chars.):
Re-enter Password:
Don't Prompt for Admin User Name and Password
The admin user name and password will be stored in .asadminpass file in user's home directory and will not have to be provided when performing admin functions.
Prompt for Admin User Name and Password
The admin user name and password must be provided when performing all admin functions.
Admin Port:
4848
HTTP Port:
8080
HTTPS Port:
8181
Java™ EE 5 SDK
Sun
Enter a password and click next
Back
Next
Cancel
Help

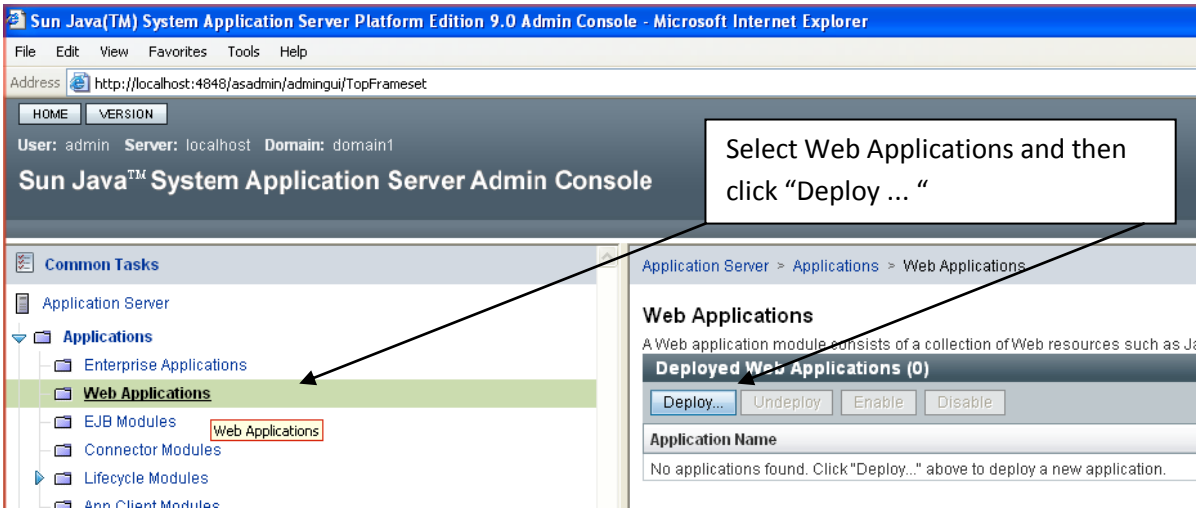

Java EE 5 SDK Update 1 Installation Wizard
Installation Options
Please choose from the set of installation options below.
Register Application Server
A registration form is displayed after installation.
Upgrade from Previous Version
The configuration settings from a previous application server installation can be transferred to this installation.
Create Desktop Shortcut to Autodeploy Directory
Items can be dragged into this directory for automatic deployment to the server.
Add bin directory to PATH
Adding this directory simplifies running the server and tools from the command line.
Create Windows service
Windows services associated with Application Server are created.
Java™ EE 5 SDK
Sun
Select “Create Windows Service”, and then click next
Back
Next
Cancel
Help

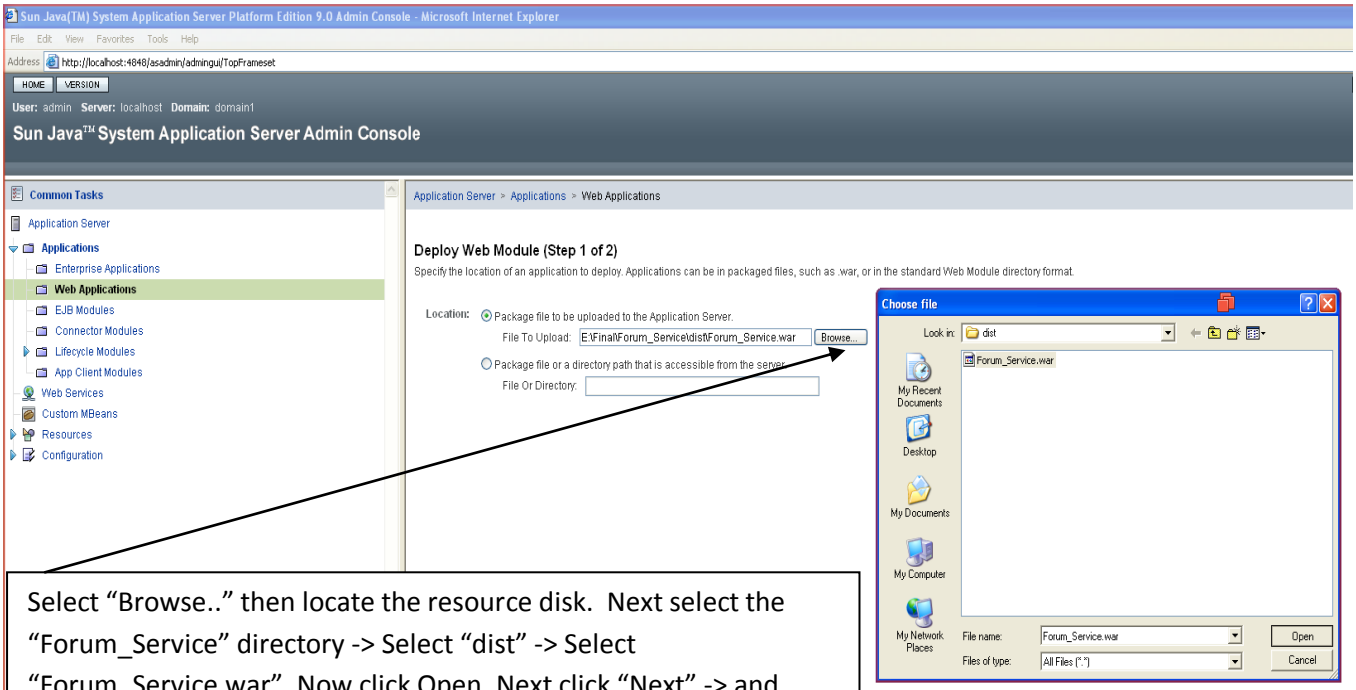
Thereafter simply press “Install Now” and wait for the installation to complete

Once complete click “Finish”, and go to your Start Menu -> Sun Microsystems -> Applications Server PE9 -> Admin Console

Once clicked, a web browser will open, and take you to the login page



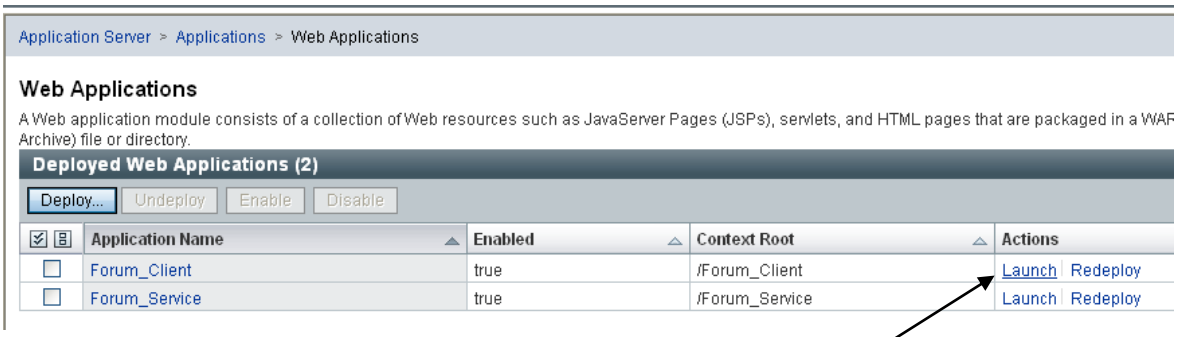




Select “Browse..” then locate the resource disk. Next select the “Forum_Service” directory -> Select “dist” -> Select “Forum_Service.war”. Now click Open. Next click “Next” -> and then Finish”.

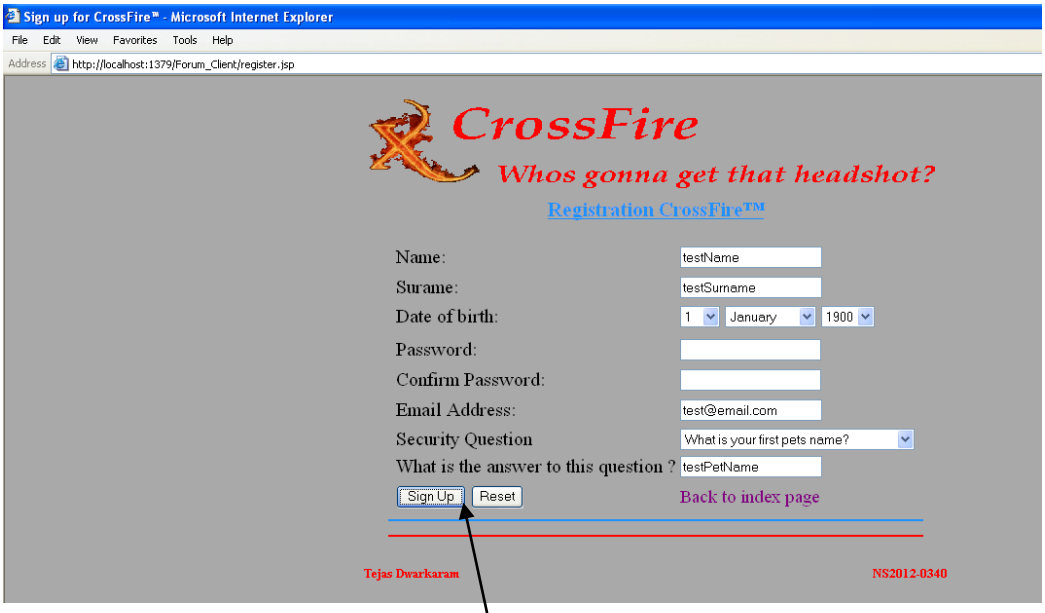
Next repeat the same deployment process for the Forum_Client as well.

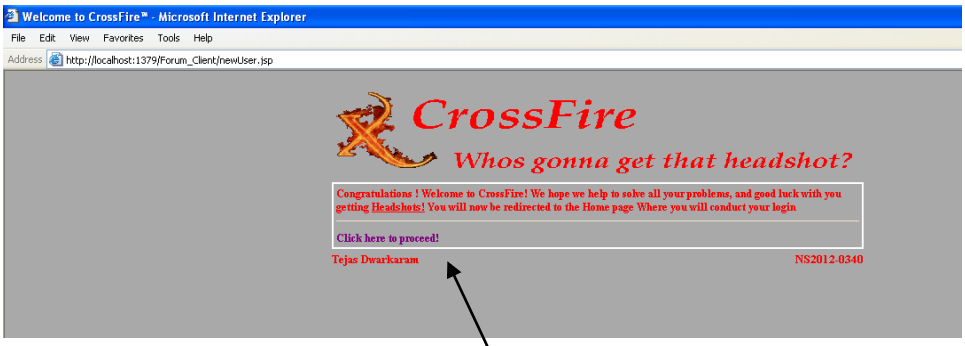
Once complete the following should be shown :



Now click “Launch” and the index page for the website will be shown.

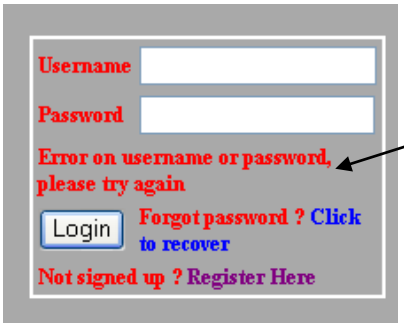
Using the website





If the login is successful, the following page will be shown, then click “Click here to proceed, to go to the login page and login with the details you specified earlier.

If the email address is already in use, or any errors occurred with details enter, you will be notified and asked to re-enter them

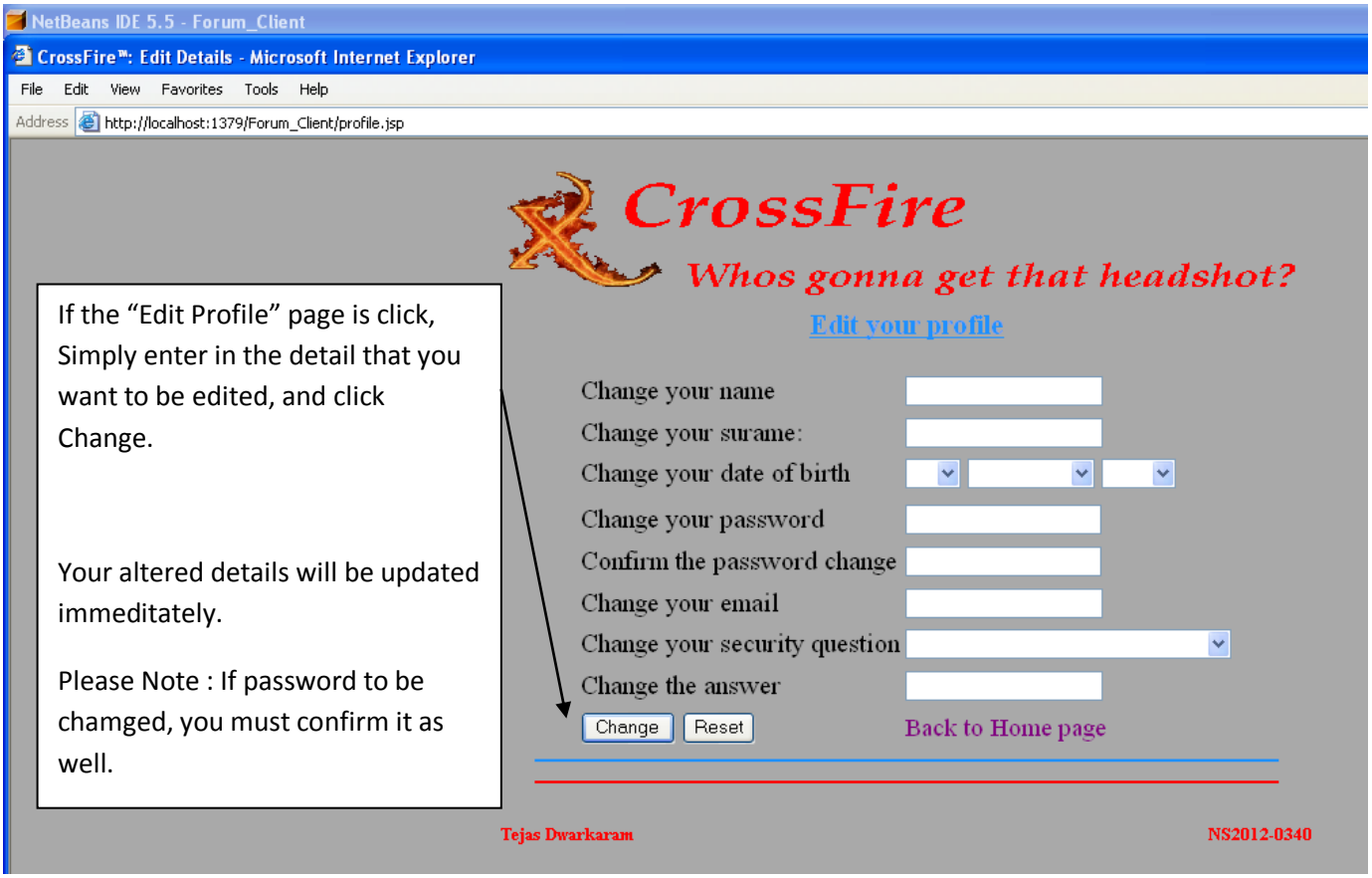


Enter the name that was used to create the account as well as the password you entered, and click login. If either are incorrect, the following will be shown, then you will be asked to re-enter.

On successful login, the login page will be shown, where :
- current topics will be shown
- you will be able to add topics
- you will be able to edit your profile
- or just logout

When adding a topic, enter the name of the topic, the detailed description of the topic as well as the urgency of the topic and click “Add Topic”

Once the topic is added, it will be visible in the "Latest threads by members" table, and by clicking on the name of the topic, you will be able to view comments and replies to the topic, as well post your own comments and replies



If the "Edit Profile" page is click, Simply enter in the detail that you want to be edited, and click Change.

Your altered details will be updated immeditately.

Please Note : If password to be chamged, you must confirm it as well.

In the hope that my application helps you to solve all the problems you may come across, i ask that if any further assistance is required please feel free to contact me.