Schalk Mouton  
T3HVGK1T8  
Project number 1  
Forum  
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**Advanced Java Programming Project Documentation**

**Forum**

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# Instructions on how to install and run the program

* 1. First copy the “Schalk Mouton Unit 6 Project” folder (on the root of the stick) to your computer’s C Drive.
  2. In the “Schalk Mouton Unit 6 Project” folder, open the DatabaseEditor.
  3. Go to the System DSN tab.
  4. Click on add.
  5. Select “Microsoft Access Driver (\*.mdb)” from the list and click on finish.
  6. In the Data Source Name field, type in “Forum”.
  7. Click on Select and open “c:\”, then “Schalk Mouton Unit 6 Project”.
  8. On the left select “Forum.mdb” and click on “ok”.
  9. Click on “ok” again.
  10. The Forums database should be listed under System Data Sources, click on “ok” again to close.
  11. Open Netbeans IDE.
  12. Open the Tools menu on the toolbar, and go to Servers.
  13. On the left bottem click on add Server and in the new window select “Apache Tomcat or TomEE” and click next.
  14. Click on browse to locate the server location.
  15. Under the C:/ Drive in “Schalk Mouton Unit 6 Project”, select the “apache-tomcat-7.0.79” folder and click on Open.
  16. Uncheck “Create user if it does not exist”
  17. Type “admin” in both the username and password field, and click on finnish.
  18. The Apache Tomcat server should now be listed under servers. Close the servers window.
  19. Drag the “Server” and “Service” folder from “Schalk Mouton Unit 6 Project” to the Netbeans Code area.  
      The Server and Service Projects should now display in the Projects tab.
  20. Right click on the Server project and click “Deploy” from the menu and wait for the IDE to finnish deploying the server.
  21. After deplouying the server, you can finaly run the Service, by right click on the service project and select run.

# Purpose and description of project.

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The purpose of the project is to test my understanding of all the sections covered in the Unit 4-6 Advanced Java Programming study guide, by designing an Online Forum Web Service and Server.   
This project contains the create of a database with different tables and relationships, the create of a java server and Web Service application which can communicate with each other and the server which can retrieve data from the database.

The Java applications are coded in Netbeans IDE 8.0.2.

# Planning



