

**Course: Web Application Development**  
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## Lab 1: Setup Environment & Implement a Website

### Content:

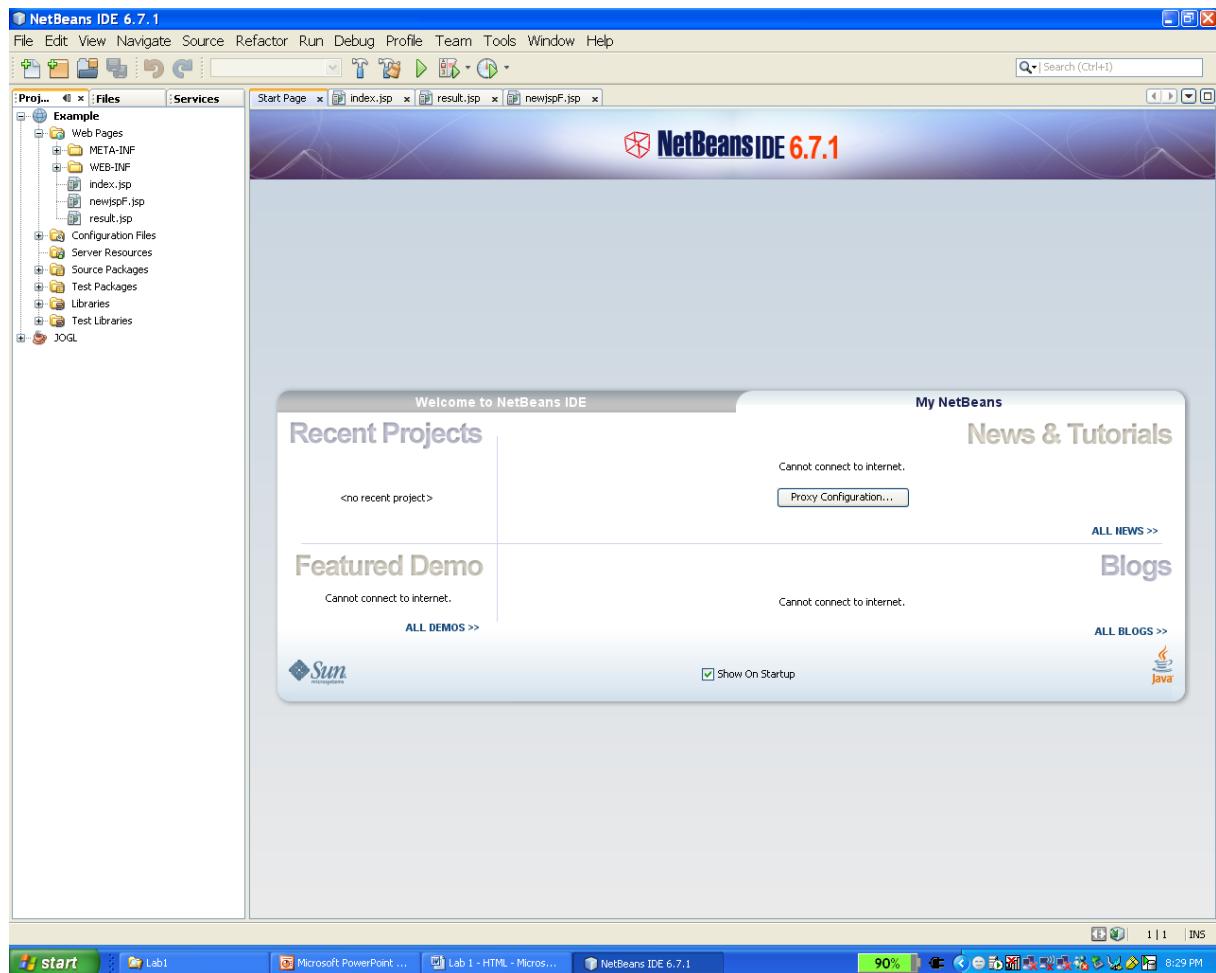
- Setup NetBeans
- Setup MySQL, Macromedia Dreamweaver MX (optional)
- Implement a website using HTML

Duration: 3 hours

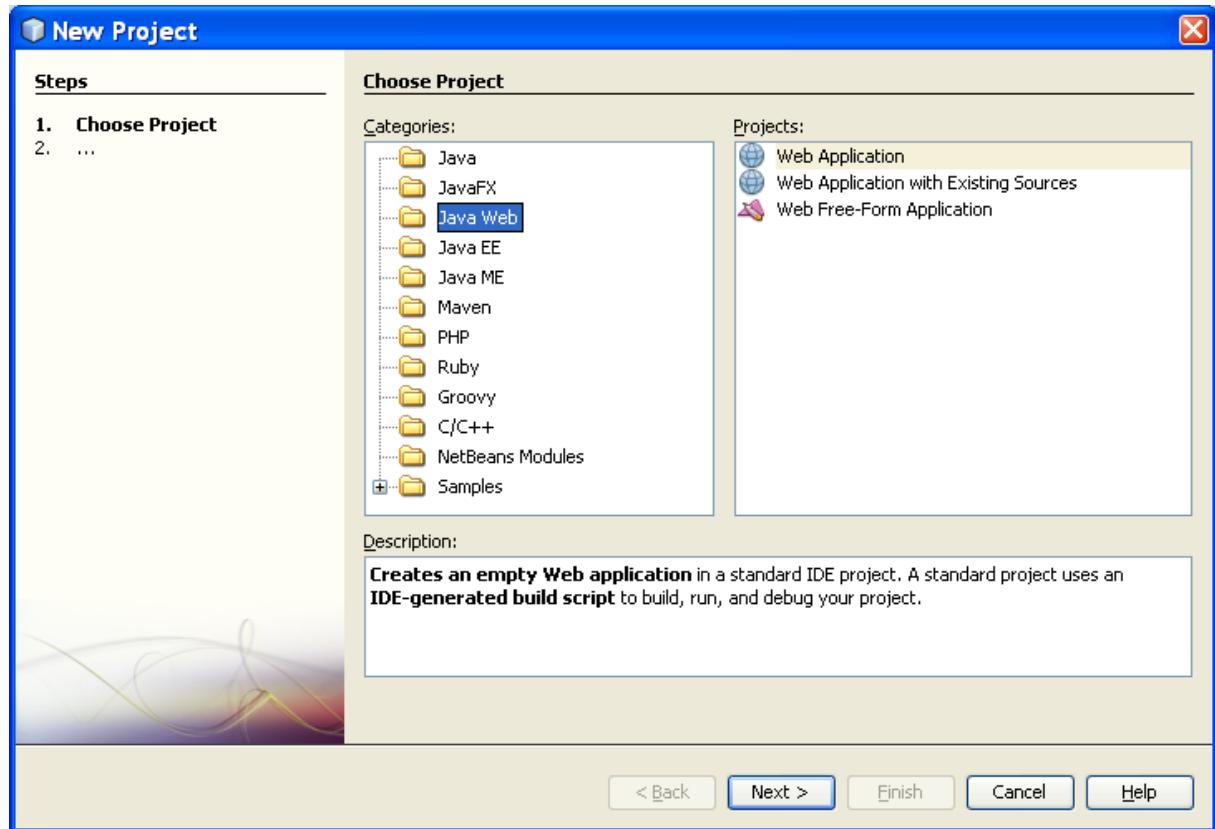
### Part 1: Setup NetBeans IDE 6.7

The source program copy from Instructor, you can go to this website: [www.netbeans.org/](http://www.netbeans.org/) to have an overview of Netbeans or download the last version.

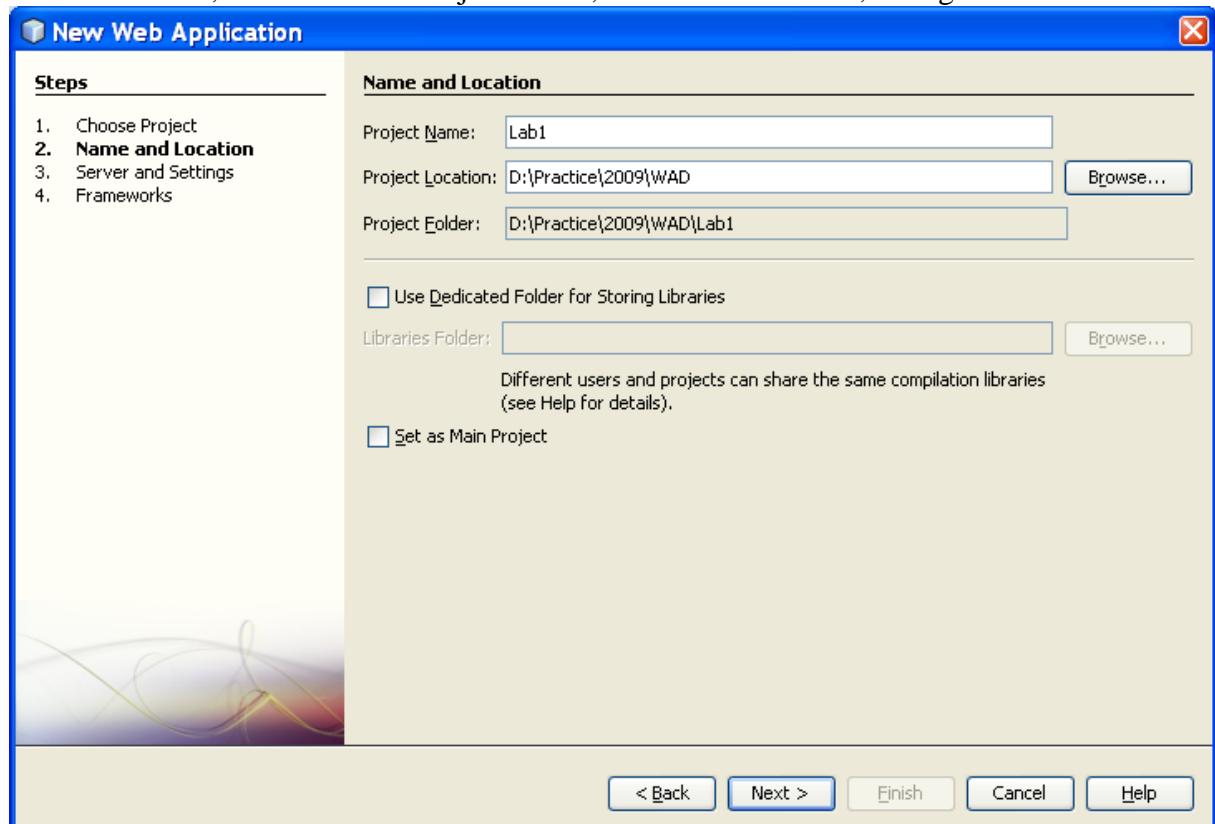
The Interface when finish installation:



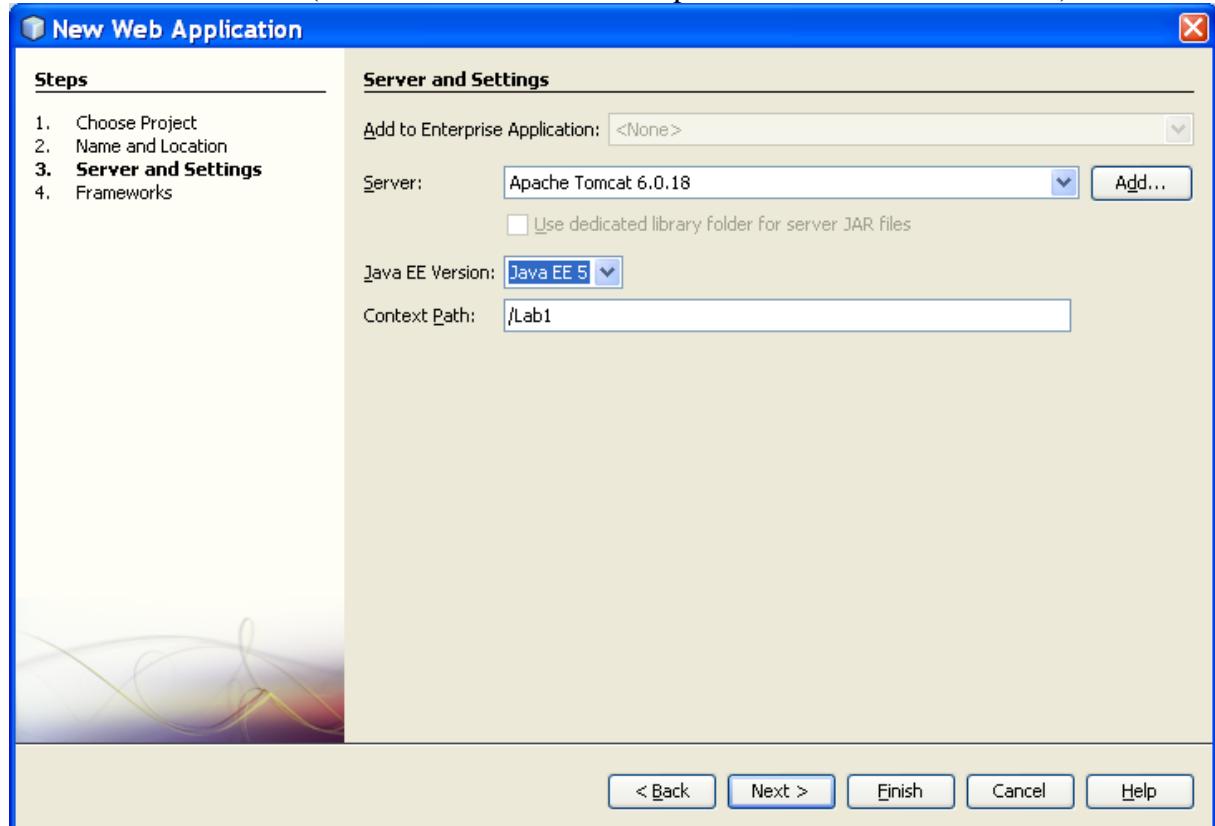
Create a website to test Netbeans environment: Select File > New Project > Java Web > Web Application:



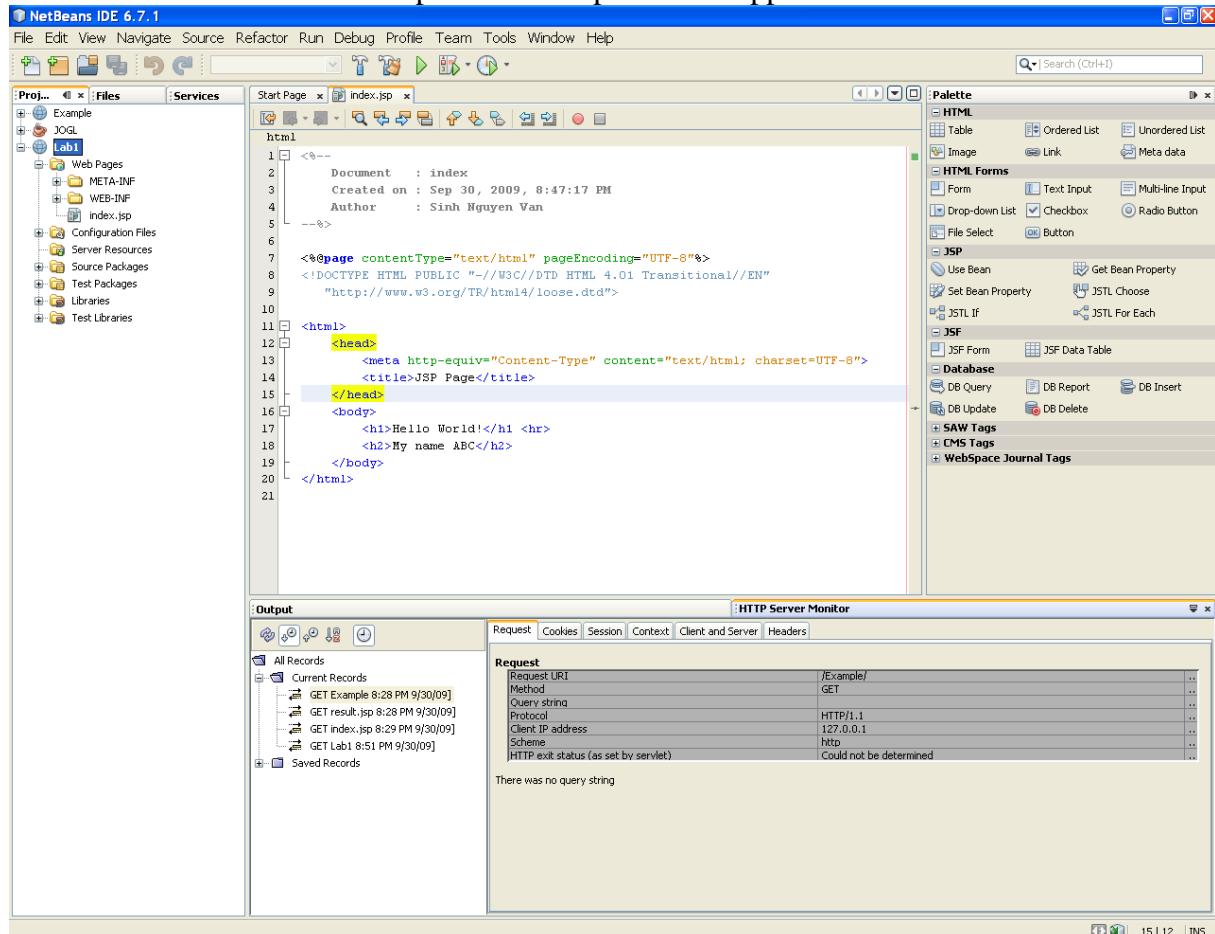
Click to “Next”, then fill in the Project Name; Name and Location, then go to Next button.

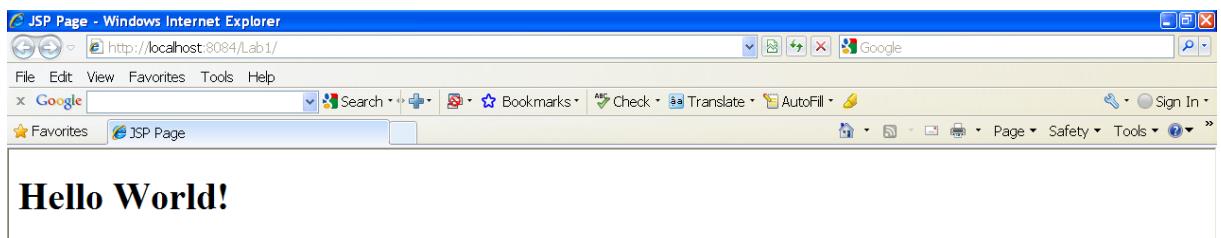


Choose the web server (there are two web server: Apache Tomcat & GlassFishV2)



Now click Finish button to complete an example of web application.





## Part 2: Setup MySQL (Database System)

In this Lab, we will install MySQL version 6.0 (source program refer from Instructor). You can install Navicat Lite for MySQL

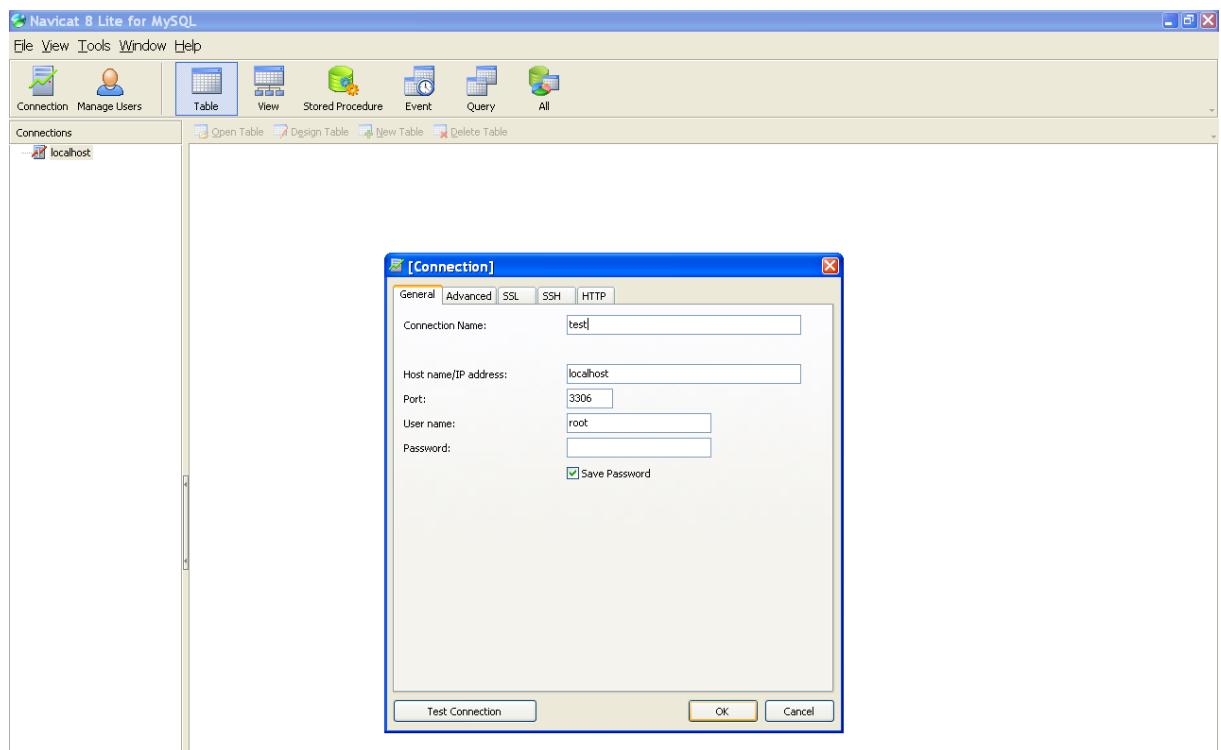
```
C:\WINDOWS\system32\cmd.exe - mysql -u root -p
C:\Program Files\MySQL\MySQL Server 6.0\bin>mysql root -p
Enter password:
ERROR 1044 (42000): Access denied for user ''@'localhost' to database 'root'

C:\Program Files\MySQL\MySQL Server 6.0\bin>mysql -u root -p
Enter password:
Welcome to the MySQL monitor. Commands end with ; or \g.
Your MySQL connection id is 4
Server version: 6.0.3-alpha-community MySQL Community Server (GPL)

Type 'help;' or '\h' for help. Type '\c' to clear the buffer.

mysql> shows databases;
ERROR 1064 (42000): You have an error in your SQL syntax; check the manual that
corresponds to your MySQL server version for the right syntax to use near 'shows
databases' at line 1
mysql> show databases;
+-----+
| Database |
+-----+
| information_schema |
| funtasybook |
| mysql |
| student |
| test |
| weblab5 |
| webtest |
+-----+
7 rows in set (0.24 sec)

mysql> -
```



### Part 3: Design your personal website using HTML

In this part, you will learn how to create a new web project using NetBeans. You also learn how to modify the web application deployment descriptor. Then, you can start using the lab sample web application.

Create your personal website at least 5 pages, using frame for homepage.