

Administrative Portal for the Learner's Academy

This document contains sections for:

- [Project Dtails](#)
- [Product Backlog](#)
- [Tools used in the project](#)
- [Core concept used in the project](#)
- [Flow of the Application.](#)
- [Steps to run the program](#)
- [ScreenShots](#)

The code for this project is hosted at <https://github.com/rmanish074/Administration-Portal>

The project is developed by Manish Reddy

Project Details:

Learner's Academy is a school that has an online management system. The system keeps track of its classes, subjects, students, and teachers. It has a back-office application with a single administrator login.

Product Backlog:

1. Create database and tables.
2. Connect the database to the project.
3. Create models classes.
4. Create a database utility class to retrieve data.
5. Create login page.
6. Create JSP files for all pages of the project.
7. Create a servlet to get requests and send responses to the JSP files.
8. Add cookies.
9. Create a CSS file to format the contents.
10. Debug and Test the project.

Tools used in project

- Servlet: to do the business logic and works a controller for the project.
- JSP: to handle the presentation view.
- SQL: to create and manage the database.

- JDBC: to make operations on the database for the project.
- CSS: to format the contents.
- Eclipse: to write and run the code.
- Tomcat: to run and deploy servlet application.

Core concepts used in project

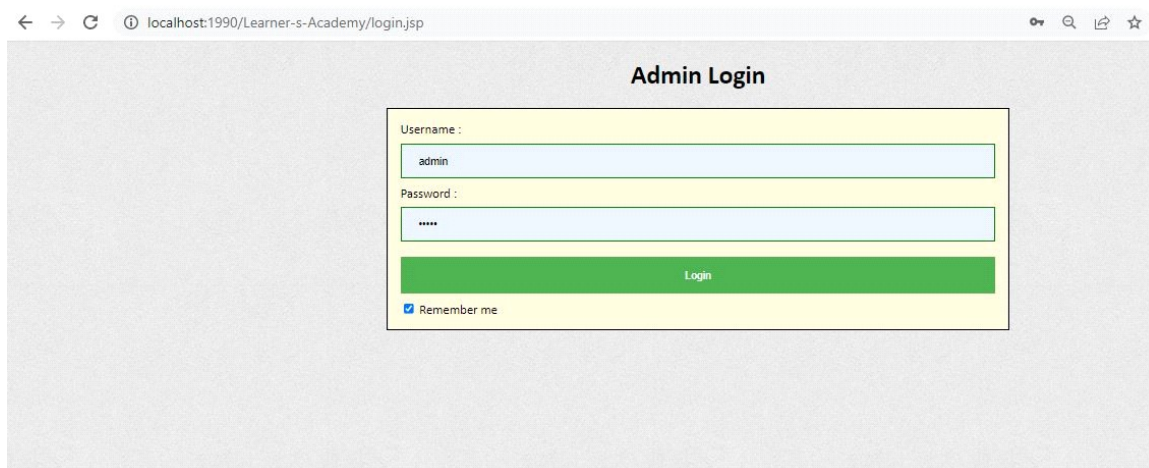
Collections framework, File Handling, Flow Control, Recursion, Exception Handling, Cookies, DataSources, DataBases.

Steps to Run the Program

1. Click on the above github link and clone the project.
2. Import the database/database.sql file to your database administration tool.
3. Go to src\main\webapp\META-INF\context.xml file and open it.
4. Edit the databases properties such as username, password and driverClassName to be suit to your database administration tool.
5. Now run program on a server.
6. To login you must enter admin for both username and password.

ScreenShots of the Project

- Admin login



- Classes

Administrative Academy Portal Classes Subjects Teachers Students Log out	Classes				
	Section	Subject	Teacher	Time	List of Students
	1	Hindi	suresh Baghmare	9:00	List
	3	English	Pooja Raut	11:30	List

- Subjects

Administrative Academy Portal Classes Subjects Teachers Students Log out	Subjects	
	Name	Shortcut
	Hindi	Hin
	English	Eng

- Teachers

Administrative Academy Portal Classes Subjects Teachers Students Log out	Teachers		
	First Name	Last Name	age
	suresh	Baghmare	55
	Pooja	Raut	49

- Students

Administrative
Academy Portal

Classes

Subjects

Teachers

Students

Log out

Students

First Name	Last Name	age
Manish	Reddy	22
Akshay	Rajpoot	27
Mahesh	Soni	25