

# Learners's Academy



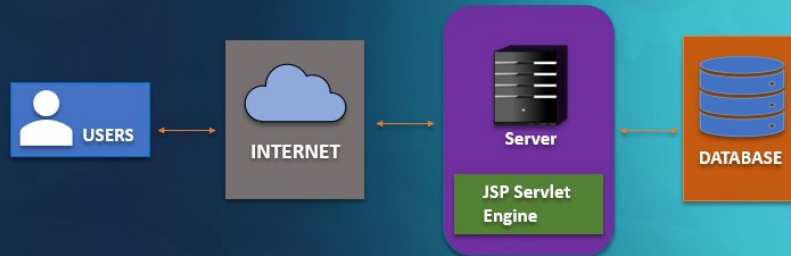
Learners's Academy is an **online administrative portal** that keeps a record of the database of a school named "Learner's Academy".

The entities are students , teachers,subjects and classes.Admin can perform all the basic **CRUD** (Create, Retrieve,Update ,Delete)operations on all the entities.



**Technology used:**

# What is JSP?



[www.educba.com](http://www.educba.com)

Java programming.

Core java concepts.

Java Collections Exception Handling.

Front End- Html,JSP






























Backend -Servlets

Java Database Connectivity.

Database -mySQL

Server -Tomcat 9

**Project folder structure.**

- ▼  Learners-Academy
    - >  JRE System Library [JavaSE-1.7]
    - ▼  src/main/java
      - ▼  com.classes.dao
        - >  ClassesDAO.java
      - ▼  com.classes.pojo
        - >  Classes.java
      - ▼  com.clsrepo.dao
        - >  ClsrepoDAO.java
      - ▼  com.clsrepo.pojo
        - >  Clsrepo.java
      - ▼  com.dbcon
        - >  DBUtil.java
      - ▼  com.student.dao
        - >  StudentDAO.java
      - ▼  com.student.pojo
        - >  Student.java
      - ▼  com.subject.dao
        - >  SubjectDAO.java
      - ▼  com.subject.pojo
        - >  Subject.java
      - ▼  com.subteach.dao
        - >  SubteachDAO.java
      - ▼  com.subteach.pojo
        - >  Subteach.java
      - ▼  com.teacher.dao
        - >  TeacherDAO.java
      - ▼  com.teacher.pojo
        - >  Teacher.java
-

- ▼ main
    - ▼ webapp
      - > META-INF
      - > WEB-INF
      - clist.jsp
      - deletebb.jsp
      - deletecc.jsp
      - deleteclass.jsp
      - deleteclsrepo.jsp
      - deletocr.jsp
      - deletess.jsp
      - deletest.jsp
      - deletestudent.jsp
      - deletesubject.jsp
      - deletesubteach.jsp
      - deleteteacher.jsp
      - deletett.jsp
      - editclass.jsp
      - editstudent.jsp
      - editsubject.jsp
      - editteacher.jsp
      - index.jsp
      - insertclass.jsp
      - insertclsrepo.jsp
      - insertstudent.jsp
      - insertsubject.jsp
      - insertsubteach.jsp
      - insertteacher.jsp
      - login.jsp
      - logincode.jsp
      - logout.jsp
      - retrieveclass.jsp
      - retrieveclsrepo.jsp
      - retrievestudent.jsp
-

login.jsp  
logincode.jsp  
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retrieveclass.jsp  
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retrievestudent.jsp  
retrievesubject.jsp  
retrievesubteach.jsp  
retrieveteacher.jsp  
saveclass.jsp  
saveclsrepo.jsp  
savestudent.jsp  
savesubject.jsp  
savesubteach.jsp  
saveteacher.jsp  
updateclass.jsp  
updatestudent.jsp  
updatesubject.jsp  
updateteacher.jsp

Note: The red cross is due to build path configurations. This doesn't affect the performance of this application.

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## MySQL Query :

```
create database Learners_Academy;  
use learners_academy;  
create table student(sid int, sname varchar(20) primary key,saddress varchar(20),  
scontact int, class varchar(20));  
select *from student;  
create table teacher(tid int, tname varchar(20) primary key,taddress varchar(20),  
tcontact int, tdesig varchar(20));  
select *from teacher;  
  
create table subject(subid int,subname varchar(20) primary key);  
select* from subject;  
  
create table classes (clsid int primary key,classname varchar(20));
```

```
select *from classes;
```

```
create table subteach(sno int,subname varchar(20), foreign key(subname) references  
subject(subname),tname varchar(20),foreign key(tname) references teacher(tname));
```

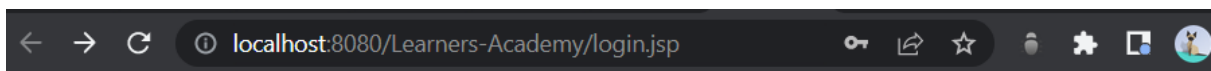
```
select *from subteach;
```

```
create table classreport(cno int,sname varchar(20),foreign key(sname) references  
student(sname),tname varchar(20),foreign key(tname) references teacher(tname));
```

```
select *from classreport;
```

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## OUTPUT:

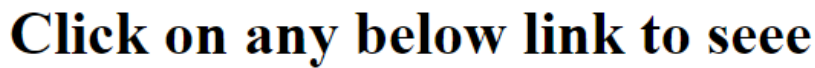


## Login form

**User name and password should be same**

UserName

Password

[logout](#)

## List Of Students

Add Student

## List Of Students

Add Student

	sid	sname	saddress	scontact	class
▶	3	Devendra	banglore	4321	B.A
	4	Rakhi	banglore	4321	MBBS
	2	Ram	banglore	4321	B.Tech
	1	Tanu	banglore	4321	B.Sc
	5	Vishal	Banglore	4321	BBA

← → ↻ ⓘ localhost:8080/Learners-Academy/deletestudent.jsp 🔗 ☆ ⚙️ 👤 ⋮

## Delete the Student

### Enter the Student Name to delete

StudentName

← → ↻ ⓘ localhost:8080/Learners-Academy/deletess.jsp?name=Ram 🔗 ☆ ⚙️ 🔔

deleted successfully

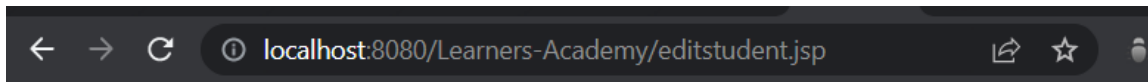
← → ↻ ⓘ localhost:8080/Learners-Academy/editstudent.jsp 🔗 ☆ ⚙️ 👤 ⋮

## Edit the Student

### Enter the Student Details to update

Studentid   
 Studentname   
 Address   
 Contact   
 Class

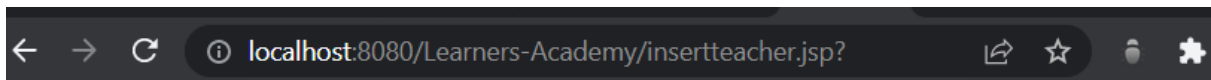




## Edit the Student

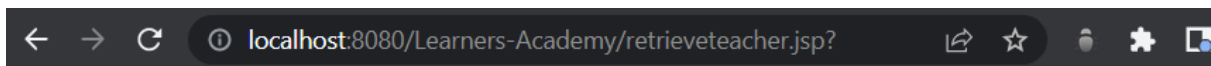
### Enter the Student Details to update

Studentid 3  
Studentname Saket  
Address banglore  
Contact 4321  
Class B.A  
update



## Give the correct info about Teacher

TeacherID 1  
 TeacherName Karthik  
 Address TamilNadu  
 Contact 4563  
 Designation Full timer  
 Save



## List Of Teachers

Teacher id	Teacher name	Address	Contact	Designation	Edit	Delete
1	Karthik	TamilNadu	4563	Full timer	<a href="#">edit</a>	<a href="#">delete</a>
2	Kota	UP	4563	full timer	<a href="#">edit</a>	<a href="#">delete</a>
3	Krishna	Banglore	908978	Part timer	<a href="#">edit</a>	<a href="#">delete</a>
4	vedic	Maharashtra	784212112	Part timer	<a href="#">edit</a>	<a href="#">delete</a>
Add Teacher						

## Update the Teacher Details

Teacherid

Teachername

Address

Contact

Designation

## Delete the teacher

Enter the Teacher Name to delete

Teacher Name

## List Of Subjects

Subject id	Subject name	Edit	Delete
<input type="button" value="Add new Subject"/>			

## Give the correct info about subject

SubjectID

SubjectName

## List Of Subjects

Subject id	Subject name	Edit	Delete
4	Biology	<a href="#">edit</a>	<a href="#">delete</a>
2	Chemistry	<a href="#">edit</a>	<a href="#">delete</a>
5	Geography	<a href="#">edit</a>	<a href="#">delete</a>
3	Math	<a href="#">edit</a>	<a href="#">delete</a>
1	Physics	<a href="#">edit</a>	<a href="#">delete</a>

## Update the Subject Details

Subjectid

Subjectname

## Delete the Subject

Enter the Subject Name to delete

Subject Name

## List Of all Claases

Class id	Class name	Edit	Subject&Teacher	Class Report	Delete
1	B.Sc	<a href="#">edit</a>	<a href="#">Subject&amp;Teacher</a>	<a href="#">Class Report</a>	<a href="#">delete</a>
2	B.Tech	<a href="#">edit</a>	<a href="#">Subject&amp;Teacher</a>	<a href="#">Class Report</a>	<a href="#">delete</a>
3	B.A	<a href="#">edit</a>	<a href="#">Subject&amp;Teacher</a>	<a href="#">Class Report</a>	<a href="#">delete</a>
4	BBA	<a href="#">edit</a>	<a href="#">Subject&amp;Teacher</a>	<a href="#">Class Report</a>	<a href="#">delete</a>
5	BMS	<a href="#">edit</a>	<a href="#">Subject&amp;Teacher</a>	<a href="#">Class Report</a>	<a href="#">delete</a>

## Update the Class Details

Classid   
Classname

← → ↻ ⓘ localhost:8080/Learners-Academy/insertsubteach.jsp? 🔗 ☆ ⚙ 🖨 👤 ⋮

## Give the correct info about subject and Teacher

SNo.

SubjectName

teacher Name

← → ↻ ⓘ localhost:8080/Learners-Academy/deleteclass.jsp 🔗 ☆ ⚙ 🖨 👤 ⋮

## Delete the Class

### Enter the Class ID to delete

Class id

← → ↻ ⓘ localhost:8080/Learners-Academy/logout.jsp? 🔗

## Logged Out Successfully