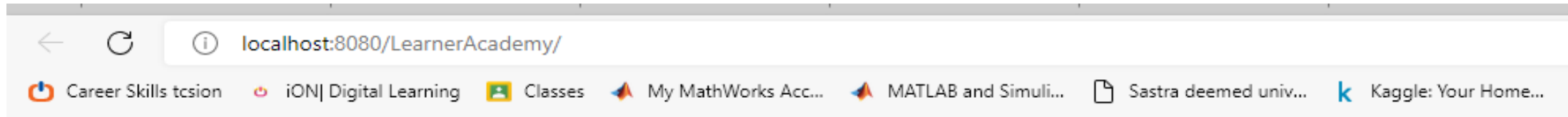


Front page of Admin Portal for Academy



Welcome to administrative portal for the Learner Academy

What you want to do?

Add Items **View Items**

[Add Class](#) [View Classes](#)

[Add Subject](#) [View Subjects](#)

[Add Teacher](#) [View Teachers](#)

[Add Student](#) [View Students](#)

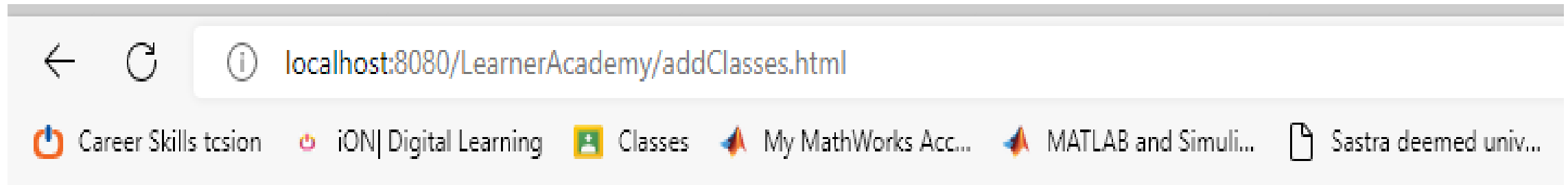
[Assign Student to Class](#)

[Assign Teacher to Class](#)

[Assign Subject to Class](#)

[Choose Class for report](#)

Page to Adding a Class

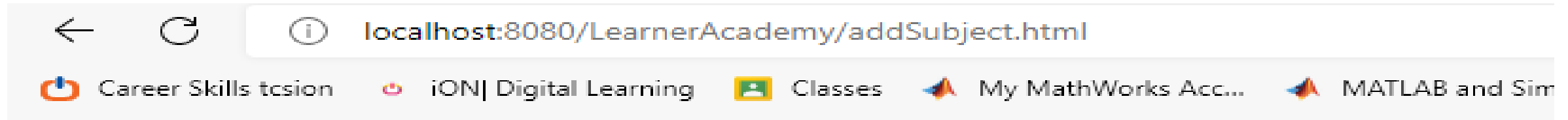


Add Class

Class:

Submit

Page to Adding a Subject

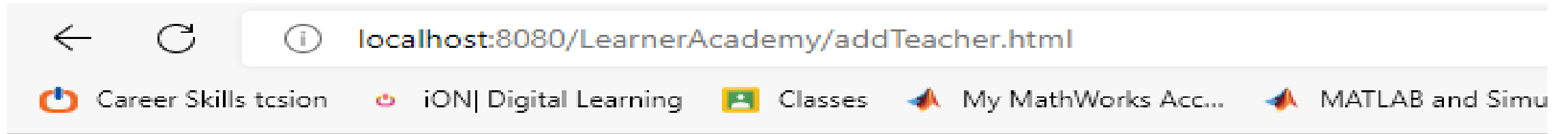


Add Subject

Subject Name:

Submit

Page to Adding a Teacher



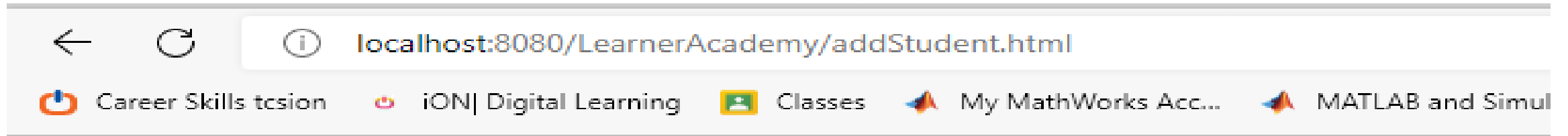
Add Teacher

Name:

Last name

Submit

Page to Adding a Student



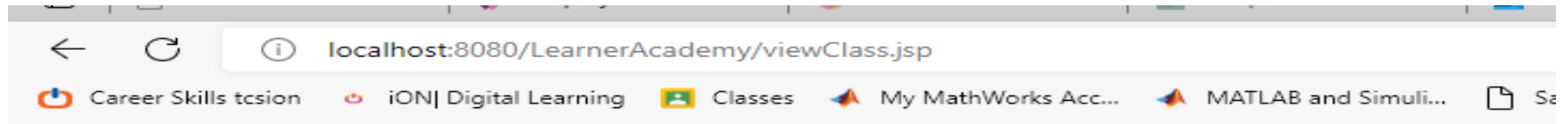
Add Student

Name

Last Name

Submit

Display the master list of Classes



[Back to Main Menu](#)

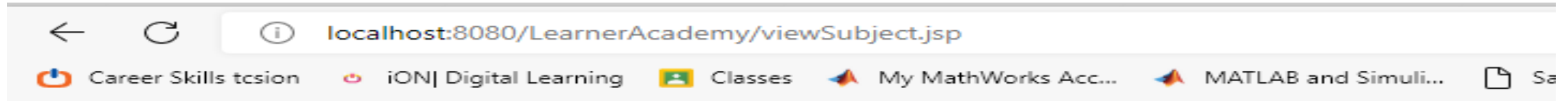
[Add Class](#)

[Assign Subject to Class](#)

The Following Classes are listed

Class Name	Subject Name
School of Electrical	Signals and Systems
	Image Processing
	Digital Signal Processing
School of Computing	Java
	Python
	SQL
	Soft Skills

Display the master list of Subjects



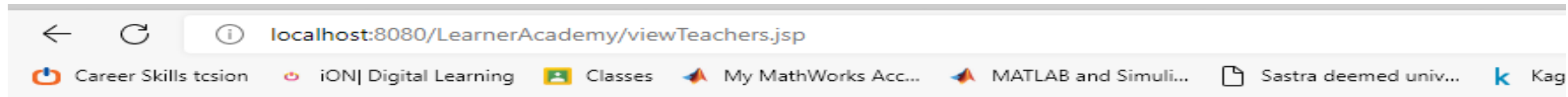
[Back to Main Menu](#)
[Add Subject](#)

The Following Subjects are listed

Subject Name

Java
Python
SQL
Soft Skills
Signals and Systems
Image Processing
Digital Signal Processing

Display the master list of Teachers



[Back to Main Menu](#)

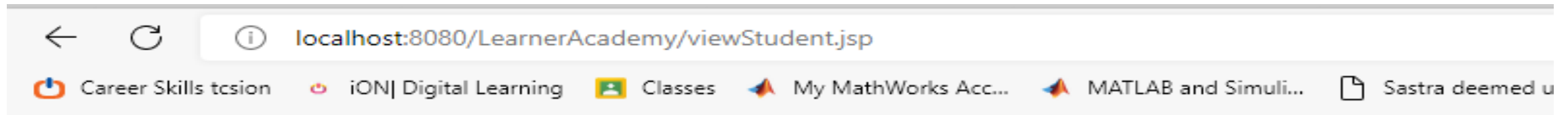
[Add Teacher](#)

[Assign Teacher to Subject](#)

The Following Teachers are listed

First Name	Last Name	Assigned Class
Helen	Walker	SQL Digital Signal Processing
David	Thomas	Java Image Processing
Joseph	Harris	Python Signals and Systems

Display the master list of Students



[Back to Main Menu](#)

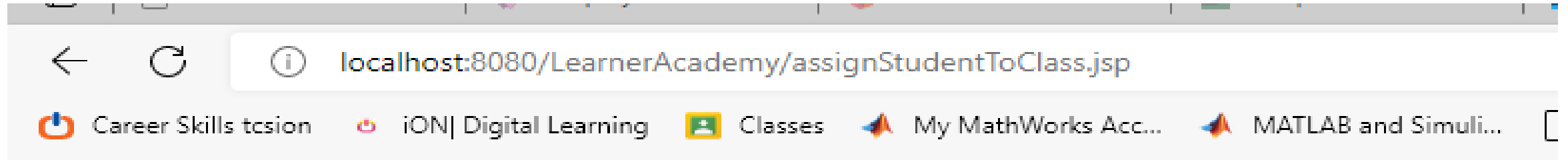
[Add Student](#)

[Assign Student](#)

The Following Students are listed

Name	Last Name	Assigned Class
Priya	Kumar	School of Computing
Adit	Bharghav	School of Electrical
Sunil	Chetra	School of Electrical
Chitra	Devi	School of Computing
Disha	Rani	School of Computing

Page for assigning a Student to a class

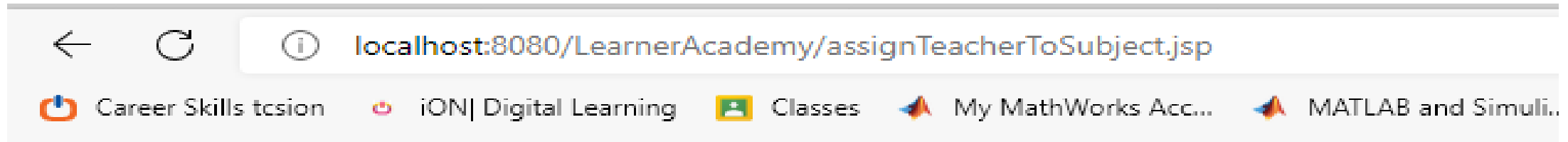


[Back to Main Menu](#)

Assign a Student to a Class

Student Name	Class Name
Priya Kumar ▼	School of Electrical ▼
<input type="button" value="Submit"/>	

Page for assigning a Teacher to a Subject

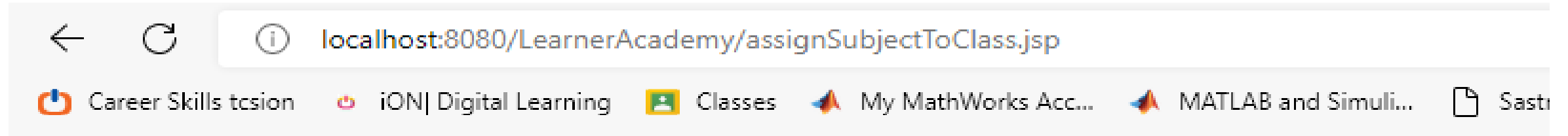


[Back to Main Menu](#)

Assign a Teacher to a Subject

Student Name	Subject Name
<input type="text" value="Helen Walker"/>	<input type="text" value="Java"/>
<input type="button" value="Submit"/>	

Page for assigning a Subject to a class

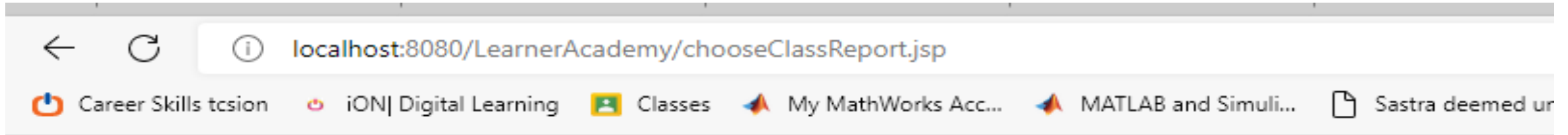


[Back to Main Menu](#)

Assign a Subject to a Class

Class Name	Subject Name
<input type="text" value="School of Electrical"/>	<input type="text" value="Java"/>
<input type="button" value="Submit"/>	

Option to select which class report to be shown



[Back to Main Menu](#)

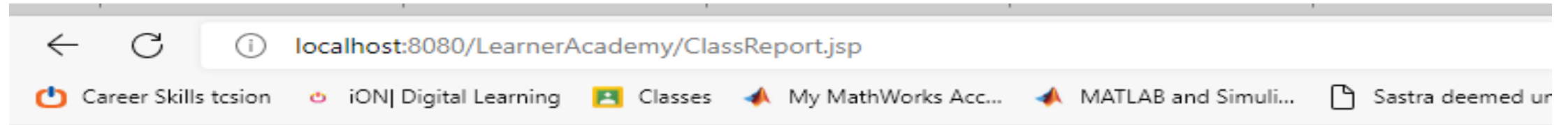
Choose a Class for Report Page

Class Name

School of Electrical ▼

Submit

Class Report with all details - Example 1



[Back to Main Menu](#)

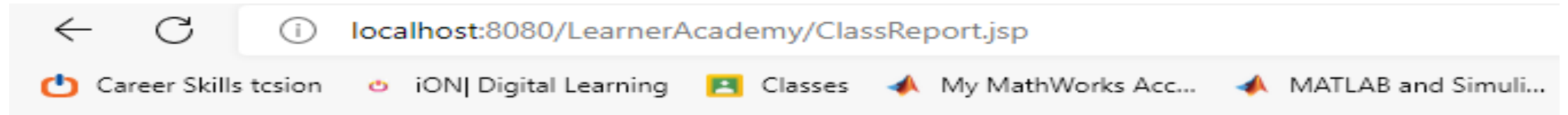
Class Report for School of Computing

Subject Name	Teacher Name
Java	David Thomas
Python	Joseph Harris
SQL	Helen Walker
Soft Skills	No Teacher assigned

Listed Students

Priya Kumar
Chitra Devi
Disha Rani

Class Report with all details - Example 2



[Back to Main Menu](#)

Class Report for School of Electrical

Subject Name	Teacher Name
Signals and Systems	Joseph Harris
Image Processing	David Thomas
Digital Signal Processing	Helen Walker

Listed Students

Adit Bharghav
Sunil Chetra

Tables stored in Learner's Academy Database

MySQL 8.0 Command Line Client

2 rows in set (0.03 sec)

```
mysql> show tables;
```

Tables_in_learneracademy
class_table
hibernate_sequence
student_table
subject_table
teacher_table

5 rows in set (0.22 sec)

```
mysql> _
```


Records in Class table

 MySQL 8.0 Command Line Client

3 rows in set (0.00 sec)

```
mysql> select * from class_table;
```

class_id	class_name
13	School of Electrical
12	School of Computing

2 rows in set (0.03 sec)

```
mysql> _
```

Records in Teacher table

MySQL 8.0 Command Line Client

```
mysql> select * from teacher_table;
```

teacher_id	last_name	first_name
23	Walker	Helen
22	Thomas	David
21	Harris	Joseph

```
3 rows in set (0.00 sec)
```

```
mysql>
```

Records in Student table

MySQL 8.0 Command Line Client

7 rows in set (0.00 sec)

```
mysql> select * from student_table;
```

student_id	fname	name	class_id
24	Kumar	Priya	12
25	Bharghav	Adit	13
26	Chetra	Sunil	13
27	Devi	Chitra	12
28	Rani	Disha	12

5 rows in set (0.05 sec)

```
mysql> _
```

Records in Subject table

MySQL 8.0 Command Line Client

5 rows in set (0.05 sec)

```
mysql> select * from subject_table;
```

subject_id	subject_name	class_id	teacher_id
14	Java	12	22
15	Python	12	21
16	SQL	12	23
17	Soft Skills	12	NULL
18	Signals and Systems	13	21
19	Image Processing	13	22
20	Digital Signal Processing	13	23

7 rows in set (0.00 sec)

```
mysql> _
```

Query written in console using Hibernate

```
java_servlet - LearnerAcademy/src/main/java/com/business/servlet/AssignTeacher.java - Eclipse IDE
File Edit Source Refactor Navigate Search Project Run Window Help
Markers Properties Servers Data Source Explorer Snippets Terminal Console X Progress
<terminated> Tomcat v8.5 Server at localhost [Apache Tomcat] C:\Users\God\p2\pool\plugins\org.eclipse.justj.openjdk.hotspot.jre.full.win32.x86_64_17.0.3.v20220515-1416\jre\bin\javaw.exe (12-Aug-2022, 9:18:13 am - 9:24:17 am) [pid: 13648]
INFO: HHH10001001: Connection properties: {password=****, user=root}
Aug 12, 2022 9:22:02 AM org.hibernate.engine.jdbc.connections.internal.DriverManagerConnectionProviderImpl buildCreator
INFO: HHH10001003: Autocommit mode: false
Aug 12, 2022 9:22:02 AM org.hibernate.engine.jdbc.connections.internal.DriverManagerConnectionProviderImpl$PooledConnections <init>
INFO: HHH000115: Hibernate connection pool size: 5 (min=1)
Aug 12, 2022 9:22:02 AM org.hibernate.dialect.Dialect <init>
INFO: HHH000400: Using dialect: org.hibernate.dialect.MySQL5Dialect
Aug 12, 2022 9:22:03 AM org.hibernate.resource.transaction.backend.jdbc.internal.DdlTransactionIsolatorNonJtaImpl getIsolatedConnection
INFO: HHH10001501: Connection obtained from JdbcConnectionAccess [org.hibernate.engine.jdbc.env.internal.JdbcEnvironmentInitiator$ConnectionProviderJdbcConnectionAccess@80cd98] for (non-
Hibernate: alter table student_table add constraint FKbic8asuo4ieajdrvby77he49c foreign key (class_id) references class_table (class_id)
Hibernate: alter table subject_table add constraint FKt4l5y7s0fycp5mhr4je3u34hn foreign key (class_id) references class_table (class_id)
Hibernate: alter table subject_table add constraint FK4tl0k63181bch2a15dbdfec0a foreign key (teacher_id) references teacher_table (teacher_id)
Aug 12, 2022 9:22:06 AM org.hibernate.engine.transaction.jta.platform.internal.JtaPlatformInitiator initiateService
INFO: HHH000490: Using JtaPlatform implementation: [org.hibernate.engine.transaction.jta.platform.internal.NoJtaPlatform]
Hibernate: select teacher0_.teacher_id as teacher_1_3, teacher0_.last_name as last_nam2_3, teacher0_.first_name as first_na3_3 from teacher_table teacher0_
Hibernate: select subjects0_.teacher_id as teacher_4_2_0, subjects0_.subject_id as subject_1_2_0, subjects0_.subject_id as subject_1_2_1, subjects0_.class_id as class_id3_2_1, subject
Hibernate: select subjects0_.teacher_id as teacher_4_2_0, subjects0_.subject_id as subject_1_2_0, subjects0_.subject_id as subject_1_2_1, subjects0_.class_id as class_id3_2_1, subject
Hibernate: select subjects0_.teacher_id as teacher_4_2_0, subjects0_.subject_id as subject_1_2_0, subjects0_.subject_id as subject_1_2_1, subjects0_.class_id as class_id3_2_1, subject
Hibernate: alter table student_table add constraint FKbic8asuo4ieajdrvby77he49c foreign key (class_id) references class_table (class_id)
Hibernate: alter table subject_table add constraint FKt4l5y7s0fycp5mhr4je3u34hn foreign key (class_id) references class_table (class_id)
Hibernate: alter table subject_table add constraint FK4tl0k63181bch2a15dbdfec0a foreign key (teacher_id) references teacher_table (teacher_id)
Hibernate: select student0_.student_id as student_1_1, student0_.class_id as class_id4_1, student0_.fname as fname2_1, student0_.name as name3_1 from student_table student0_
Hibernate: select classes0_.class_id as class_id1_0_0, classes0_.class_name as class_na2_0_0 from class_table classes0_ where classes0_.class_id=?
Hibernate: select classes0_.class_id as class_id1_0_0, classes0_.class_name as class_na2_0_0 from class_table classes0_ where classes0_.class_id=?
Hibernate: alter table student_table add constraint FKbic8asuo4ieajdrvby77he49c foreign key (class_id) references class_table (class_id)
Hibernate: alter table subject_table add constraint FKt4l5y7s0fycp5mhr4je3u34hn foreign key (class_id) references class_table (class_id)
Hibernate: alter table subject_table add constraint FK4tl0k63181bch2a15dbdfec0a foreign key (teacher_id) references teacher_table (teacher_id)
Hibernate: select student0_.student_id as student_1_1, student0_.class_id as class_id4_1, student0_.fname as fname2_1, student0_.name as name3_1 from student_table student0_
Hibernate: select classes0_.class_id as class_id1_0_0, classes0_.class_name as class_na2_0_0 from class_table classes0_ where classes0_.class_id=?
Hibernate: select classes0_.class_id as class_id1_0_0, classes0_.class_name as class_na2_0_0 from class_table classes0_ where classes0_.class_id=?
Hibernate: select classes0_.class_id as class_id1_0_0, classes0_.class_name as class_na2_0_0 from class_table classes0_ where classes0_.class_id=?
Aug 12, 2022 9:22:15 AM org.hibernate.engine.jdbc.connections.internal.DriverManagerConnectionProviderImpl configure
WARN: HHH10001002: Using Hibernate built-in connection pool (not for production use!)
Aug 12, 2022 9:22:15 AM org.hibernate.engine.jdbc.connections.internal.DriverManagerConnectionProviderImpl buildCreator
INFO: HHH10001005: using driver [com.mysql.cj.jdbc.Driver] at URL [jdbc:mysql://localhost:3306/LearnerAcademy]
Aug 12, 2022 9:22:15 AM org.hibernate.engine.jdbc.connections.internal.DriverManagerConnectionProviderImpl buildCreator
INFO: HHH10001001: Connection properties: {password=****, user=root}
Aug 12, 2022 9:22:15 AM org.hibernate.engine.jdbc.connections.internal.DriverManagerConnectionProviderImpl buildCreator
```