

Screenshot with all the records

The screenshot shows the Eclipse IDE with the 'CollegeFestRegistrations' project. The main window displays the 'College Fest Registrtion Portal' with a 'List of all the students Registered'. The table below lists the students:

Student Id	Name	Department	Country	Update	Delete
1	Suresh	B Tech	India	Update	Delete
2	Muri	B Arch	Canada	Update	Delete
3	Daniel	B Tech	New Zealand	Update	Delete
4	Tanya	B Com	USA	Update	Delete

The console window shows the following log messages:

```
Tomcat v9.0 Server at localhost [Apache Tomcat] C:\Program Files\Java\jdk-17.0.2\bin\javaw.exe (21-Mar-2022 6:57:03 pm)
Hibernate: select student0_.id as id1_0_, student0_.country as country2_0_, student0_.department as departme3_0_, student0_.nam
Hibernate: select next_val as id_val from hibernate_sequence for update
Hibernate: update hibernate_sequence set next_val = ? where next_val=?
Hibernate: insert into Student (country, department, name, id) Values (?, ?, ?, ?)
Hibernate: select student0_.id as id1_0_, student0_.country as country2_0_, student0_.department as departme3_0_, student0_.nam
```

Testing Addition of Student Screen

The screenshot shows the Eclipse IDE with the 'CollegeFestRegistrations' project. The main window displays the 'College Fest Registrtion Portal' with a form to add a new student. The form fields are:

- Name: Testing Addition
- Department: Addition
- Country: India

The 'Register Student' button is visible. The console window shows the following log messages:

```
Tomcat v9.0 Server at localhost [Apache Tomcat] C:\Program Files\Java\jdk-17.0.2\bin\javaw.exe (21-Mar-2022 6:57:03 pm)
Hibernate: select student0_.id as id1_0_, student0_.country as country2_0_, student0_.department as departme3_0_, student0_.nam
Hibernate: select next_val as id_val from hibernate_sequence for update
Hibernate: update hibernate_sequence set next_val = ? where next_val=?
Hibernate: insert into Student (country, department, name, id) values (?, ?, ?, ?)
Hibernate: select student0_.id as id1_0_, student0_.country as country2_0_, student0_.department as departme3_0_, student0_.nam
```

Post Addition

The screenshot shows the Eclipse IDE with the 'College Fest registration Portal' web application running in the browser. The browser address bar shows 'http://localhost:8080/CollegeFestRegistrations/StudentSave'. The page displays a table titled 'List of all the students Registered' with the following data:

Student Id	Name	Department	Country	Update	Delete
1	Suresh	B.Tech	India	Update	Delete
2	Muri	B.Arch	Canada	Update	Delete
3	Daniel	B.Tech	New Zealand	Update	Delete
4	Tanya	B.Com	USA	Update	Delete
5	Testing Addition	Addition	India	Update	Delete

The console window shows the following log messages:

```
Tomcat v9.0 Server at localhost [Apache Tomcat] C:\Program Files\Java\jdk-17.0.2\bin\javaw.exe (21-Mar-2022 6:57:03 pm)
Hibernate: select student0_.id as id1_0_, student0_.country as country2_0_, student0_.department as department3_0_, student0_.name as name4_0_ from student0_ where student0_.id=?
Hibernate: update hibernate_sequence set next_val=? where next_val=?
Hibernate: insert into Student (country, department, name, id) values (?, ?, ?, ?)
Hibernate: select student0_.id as id1_0_, student0_.country as country2_0_, student0_.department as department3_0_, student0_.name as name4_0_ from student0_ where student0_.id=?
```

Testing Update

The screenshot shows the Eclipse IDE with the 'College Fest registration Portal' web application running in the browser. The browser address bar shows 'http://localhost:8080/CollegeFestRegistrations/OneStudent?id=5'. The page displays a form titled 'Enter Student Details' with the following fields:

Name	5
Name	Testing Addition
Department	Additionsssss
Country	India

Below the form is a button labeled 'Register Student'. The console window shows the following log messages:

```
Tomcat v9.0 Server at localhost [Apache Tomcat] C:\Program Files\Java\jdk-17.0.2\bin\javaw.exe (21-Mar-2022 6:57:03 pm)
Hibernate: select student0_.id as id1_0_, student0_.country as country2_0_, student0_.department as department3_0_, student0_.name as name4_0_ from student0_ where student0_.id=?
Hibernate: update hibernate_sequence set next_val=? where next_val=?
Hibernate: insert into Student (country, department, name, id) values (?, ?, ?, ?)
Hibernate: select student0_.id as id1_0_, student0_.country as country2_0_, student0_.department as department3_0_, student0_.name as name4_0_ from student0_ where student0_.id=?
```

Post Update

The screenshot shows the Eclipse IDE with the 'College Fest Registrtion Portal' web application running in the browser. The browser address bar shows 'http://localhost:8080/CollegeFestRegistrations/StudUpdate'. The page title is 'College Fest Registrtion Portal' and the main heading is 'List of all the students Registered'. Below the heading is a table with 5 rows and 5 columns: Student Id, Name, Department, Country, and Update/Delete. The table contains the following data:

Student Id	Name	Department	Country	Update/Delete
1	Suresh	B.Tech	India	Update Delete
2	Muri	B.Arch	Canada	Update Delete
3	Daniel	B.Tech	New Zealand	Update Delete
4	Tanya	B.Com	USA	Update Delete
5	Testing Addition	Additionsssss	India	Update Delete

The console shows the following logs:

```
Tomcat v9.0 Server at localhost [Apache Tomcat] C:\Program Files\Java\jdk-17.0.2\bin\java.exe (21-Mar-2022, 6:57:03 pm)
Hibernate: update hibernate_sequence set next_val= ? where next_val=?
Hibernate: insert into Student (country, department, name, id) values (?, ?, ?, ?)
Hibernate: select student0_id as idl_0, student0_country as country2_0, student0_department as departme3_0, student0_nam
Hibernate: update Student set country=?, department=?, name=? where id=?
Hibernate: select student0_id as idl_0, student0_country as country2_0, student0_department as departme3_0, student0_nam
```

Post Deletion of ID = 5

The screenshot shows the Eclipse IDE with the 'College Fest Registrtion Portal' web application running in the browser. The browser address bar shows 'http://localhost:8080/CollegeFestRegistrations/DeleteStudent?id=5'. The page title is 'College Fest Registrtion Portal' and the main heading is 'List of all the students Registered'. Below the heading is a table with 4 rows and 5 columns: Student Id, Name, Department, Country, and Update/Delete. The table contains the following data:

Student Id	Name	Department	Country	Update/Delete
1	Suresh	B.Tech	India	Update Delete
2	Muri	B.Arch	Canada	Update Delete
3	Daniel	B.Tech	New Zealand	Update Delete
4	Tanya	B.Com	USA	Update Delete

The console shows the following logs:

```
Tomcat v9.0 Server at localhost [Apache Tomcat] C:\Program Files\Java\jdk-17.0.2\bin\java.exe (21-Mar-2022, 6:57:03 pm)
Hibernate: select student0_id as idl_0, student0_country as country2_0, student0_department as departme3_0, student0_nam
Hibernate: update Student set country=?, department=?, name=? where id=?
Hibernate: select student0_id as idl_0, student0_country as country2_0, student0_department as departme3_0, student0_nam
Hibernate: delete from Student where Id=?
Hibernate: select student0_id as idl_0, student0_country as country2_0, student0_department as departme3_0, student0_nam
```