

Spring MVC -

This is the first page for the application -



localhost:8080/ x + Mozilla Firefox

localhost:8080

Welcome, Enter The Student Details

Id

First Name

Last Name

Department

[View Students](#)

Enter the student details -



localhost:8080/ x + Mozilla Firefox

localhost:8080

Welcome, Enter The Student Details

Id

First Name

Last Name

Department

[View Students](#)

Click on the 'view students' to see the student list -

← → ↻ 🏠 localhost:8080/viewstudent ... 🛡️ ☆

Student List

Id	First Name	Last Name	Designation	Edit	Delete
1	Sukanya	Baranwal	IT	Edit	Delete

For editing the student details, click on edit, change the details and save it -

← → ↻ 🏠 localhost:8080/editstudent/1

Edit Student

First Name :

Last Name :

Department :

← → ↻ 🏠 localhost:8080/editsave ... 🛡️ ☆

Student List

Id	First Name	Last Name	Designation	Edit	Delete
1	Sukanya	Baranwal	IT consultant	Edit	Delete

Delete the record by clicking on the delete button -

Student List

Id	First Name	Last Name	Designation	Edit	Delete
1	Sukanya	Baranwal	IT consultant	Edit	Delete
2	Sathish	Baranwal	Security	Edit	Delete

Student List

Id	First Name	Last Name	Designation	Edit	Delete
2	Sathish	Baranwal	Security	Edit	Delete

If we try to add the record with the same Id, it will throw error -



localhost:8080/

Welcome, Enter The Student Details

Id: 1

First Name: Sukanya

Last Name: Baranwal

Department: IT

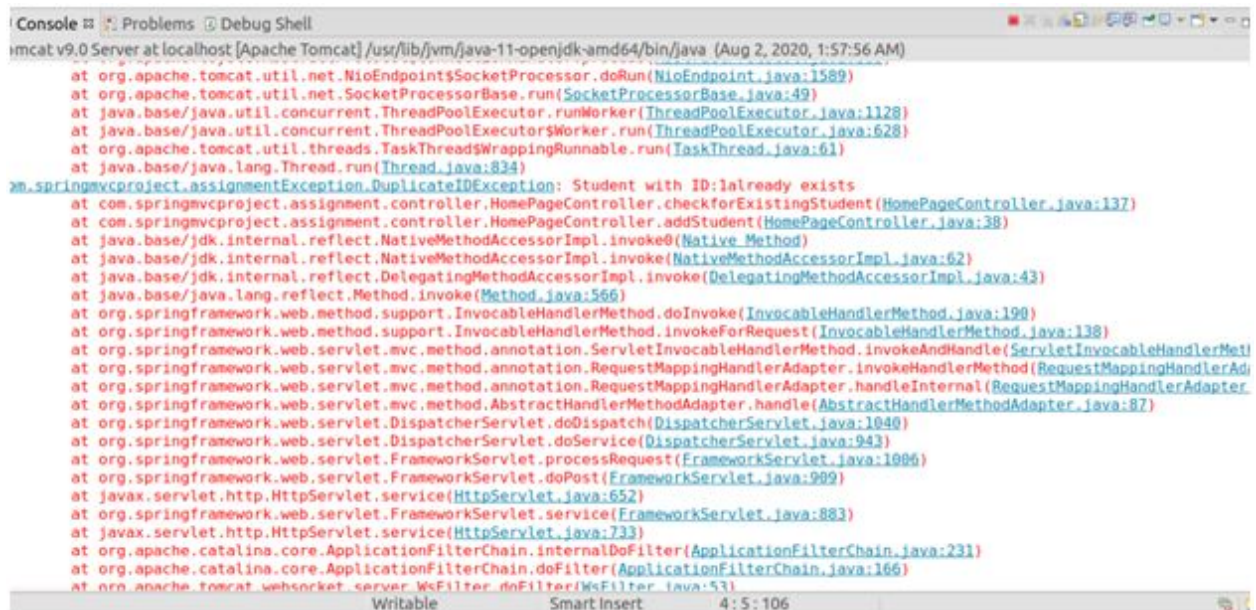
Submit

[View Students](#)



localhost:8080/addstudent

Student with id 1 already exists



Console Problems Debug Shell

Tomcat v9.0 Server at localhost [Apache Tomcat] /usr/lib/jvm/java-11-openjdk-amd64/bin/java (Aug 2, 2020, 1:57:56 AM)

```
at org.apache.tomcat.util.net.NioEndpoint$SocketProcessor.doRun(NioEndpoint.java:1589)
at org.apache.tomcat.util.net.SocketProcessorBase.run(SocketProcessorBase.java:49)
at java.base/java.util.concurrent.ThreadPoolExecutor.runWorker(ThreadPoolExecutor.java:1128)
at java.base/java.util.concurrent.ThreadPoolExecutor$Worker.run(ThreadPoolExecutor.java:628)
at org.apache.tomcat.util.threads.TaskThread$WrappingRunnable.run(TaskThread.java:61)
at java.base/java.lang.Thread.run(Thread.java:834)
com.springmvcproject.assignment.exception.DuplicateIDException: Student with ID:1already exists
at com.springmvcproject.assignment.controller.HomePageController.checkforExistingStudent(HomePageController.java:137)
at com.springmvcproject.assignment.controller.HomePageController.addStudent(HomePageController.java:38)
at java.base/jdk.internal.reflect.NativeMethodAccessorImpl.invoke0(Native Method)
at java.base/jdk.internal.reflect.NativeMethodAccessorImpl.invoke(NativeMethodAccessorImpl.java:62)
at java.base/jdk.internal.reflect.DelegatingMethodAccessorImpl.invoke(DelegatingMethodAccessorImpl.java:43)
at java.base/java.lang.reflect.Method.invoke(Method.java:566)
at org.springframework.web.method.support.InvocableHandlerMethod.doInvoke(InvocableHandlerMethod.java:190)
at org.springframework.web.method.support.InvocableHandlerMethod.invokeForRequest(InvocableHandlerMethod.java:138)
at org.springframework.web.servlet.mvc.method.annotation.ServletInvocableHandlerMethod.invokeAndHandle(ServletInvocableHandlerMethod.java:112)
at org.springframework.web.servlet.mvc.method.annotation.RequestMappingHandlerAdapter.invokeHandlerMethod(RequestMappingHandlerAdapter.java:885)
at org.springframework.web.servlet.mvc.method.annotation.RequestMappingHandlerAdapter.handleInternal(RequestMappingHandlerAdapter.java:898)
at org.springframework.web.servlet.mvc.method.AbstractHandlerMethodAdapter.handle(AbstractHandlerMethodAdapter.java:87)
at org.springframework.web.servlet.DispatcherServlet.doDispatch(DispatcherServlet.java:1040)
at org.springframework.web.servlet.DispatcherServlet.doService(DispatcherServlet.java:943)
at org.springframework.web.servlet.FrameworkServlet.processRequest(FrameworkServlet.java:1006)
at org.springframework.web.servlet.FrameworkServlet.doPost(FrameworkServlet.java:989)
at javax.servlet.http.HttpServlet.service(HttpServlet.java:652)
at org.springframework.web.servlet.FrameworkServlet.service(FrameworkServlet.java:883)
at javax.servlet.http.HttpServlet.service(HttpServlet.java:733)
at org.apache.catalina.core.ApplicationFilterChain.internalDoFilter(ApplicationFilterChain.java:231)
at org.apache.catalina.core.ApplicationFilterChain.doFilter(ApplicationFilterChain.java:166)
at org.apache.tomcat.websocket.server.WsFilter.doFilter(WsFilter.java:53)
```

Writable Smart Insert 4: 5:106