Instructor Notes:

Add instructor notes here.

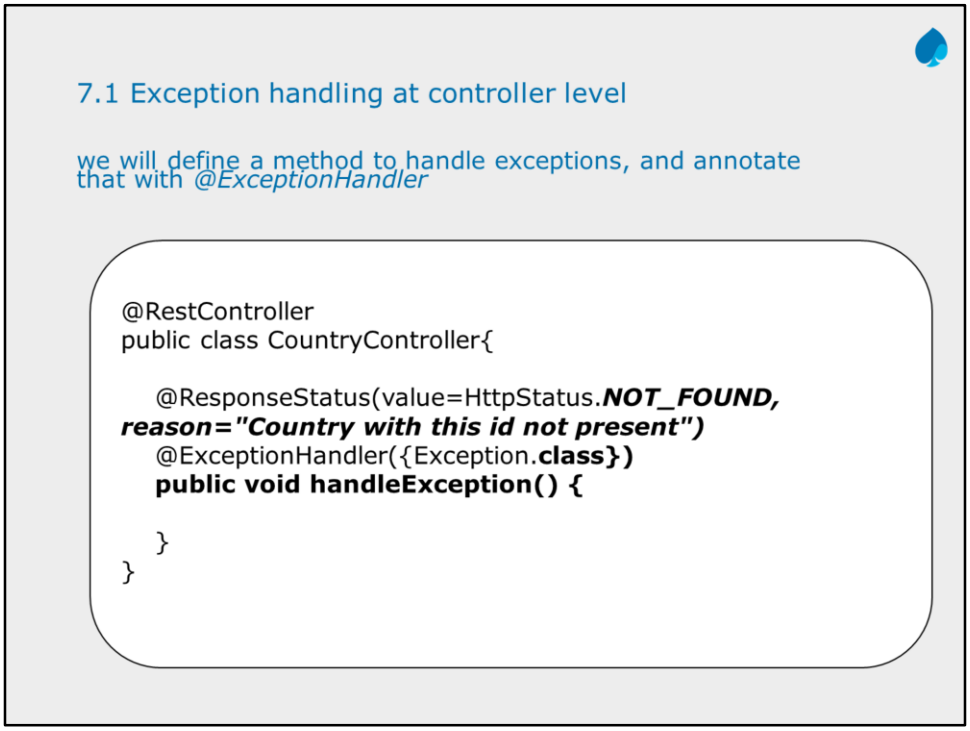
Instructor Notes:

Lesson Objectives

- Exception handling at controller level
- Exception handling at application level

References:
http://www.baeldung.com/exception-handling-for-rest-with-spring

Instructor Notes:



@ExceptionHandler along with @ResponseStatus to map the exception to the custom method in controller which can handle all exception in that controller. In @ExceptionHandler annotation we can include the Exception classes which we need to handle for this controller

Instructor Notes:

These demos can be executed for better understanding

7.1 Exception handling at controller level

SpringRESTDemowithException

Instructor Notes:

The new annotation allows the multiple scattered *@ExceptionHandler* from before to be consolidated into a **single, global error handling component**. The actual mechanism is extremely simple but also very flexible:
it allows full control over the body of the response as well as the status code
it allows mapping of several exceptions to the same method, to be handled together
it makes good use of the newer RESTful *ResposeEntity* response

```
public class ErrorInfo {
private String url;
private String message;
public ErrorInfo(String url, String message) {
this.url = url;
this.message = message;
}
public String getUrl() {
return url;
}
public void setUrl(String url) {
this.url = url;
}
public String getMessage() {
return message;
}
public void setMessage(String message) {
this.message = message;
}

}
```

Instructor Notes:

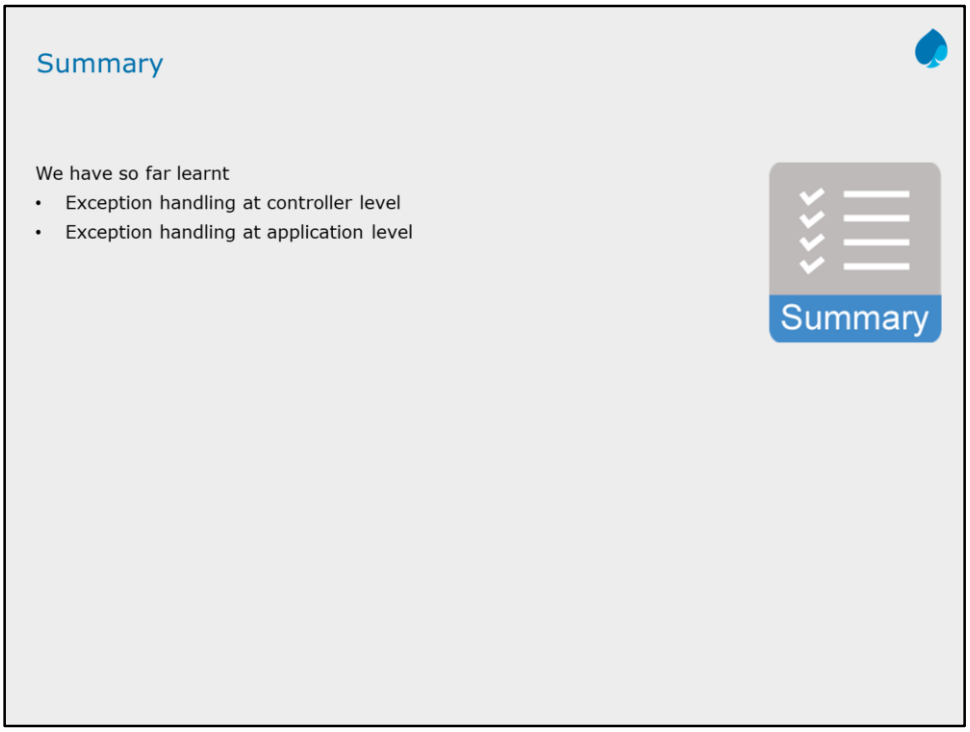
These demos can be executed for better understanding

7.2 Exception handling at application level

SpringRESTDemowithGlobalException

Instructor Notes:

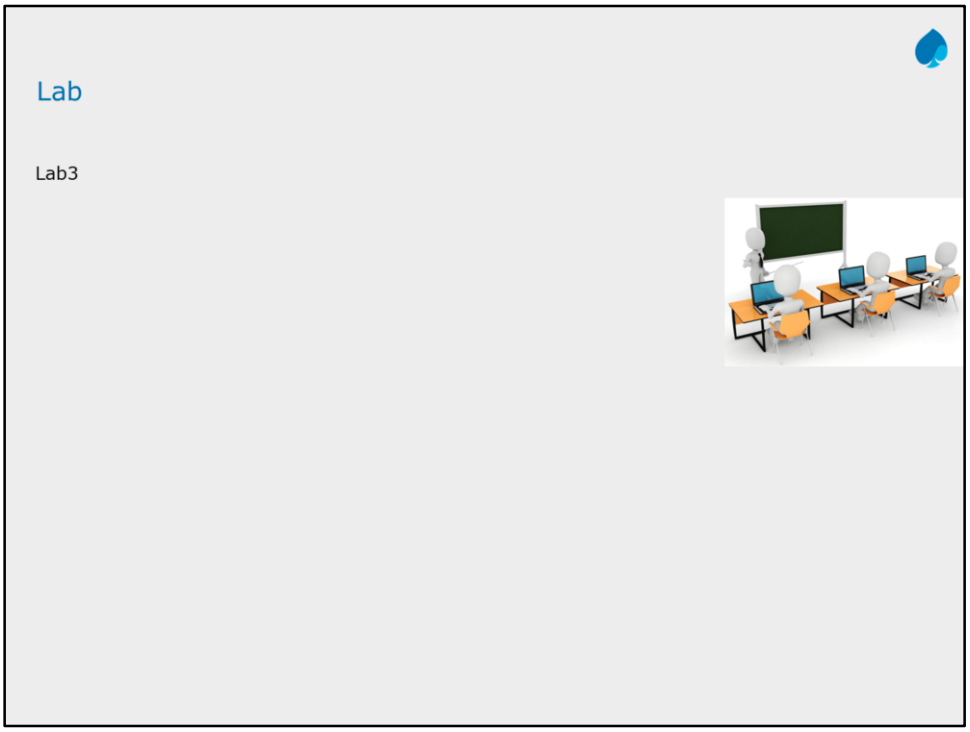
Summary of the lesson.



Add the notes here.

Instructor Notes:

Corresponding lab assignment



Lab will be added after Lab Book creation

Instructor Notes:

Question 1: Option 2

Question 2: True

Review Question

Question 1: Which of the following annotation is used for handler method?

- Option1 : @Exception
- Option 2: @ExceptionHandler
- Option 3: @HandlerMapping
- Option 4: @HandlerMethod

Question 2: We can handle Custom Exception in Spring REST.

- True
- False

Add the notes here.