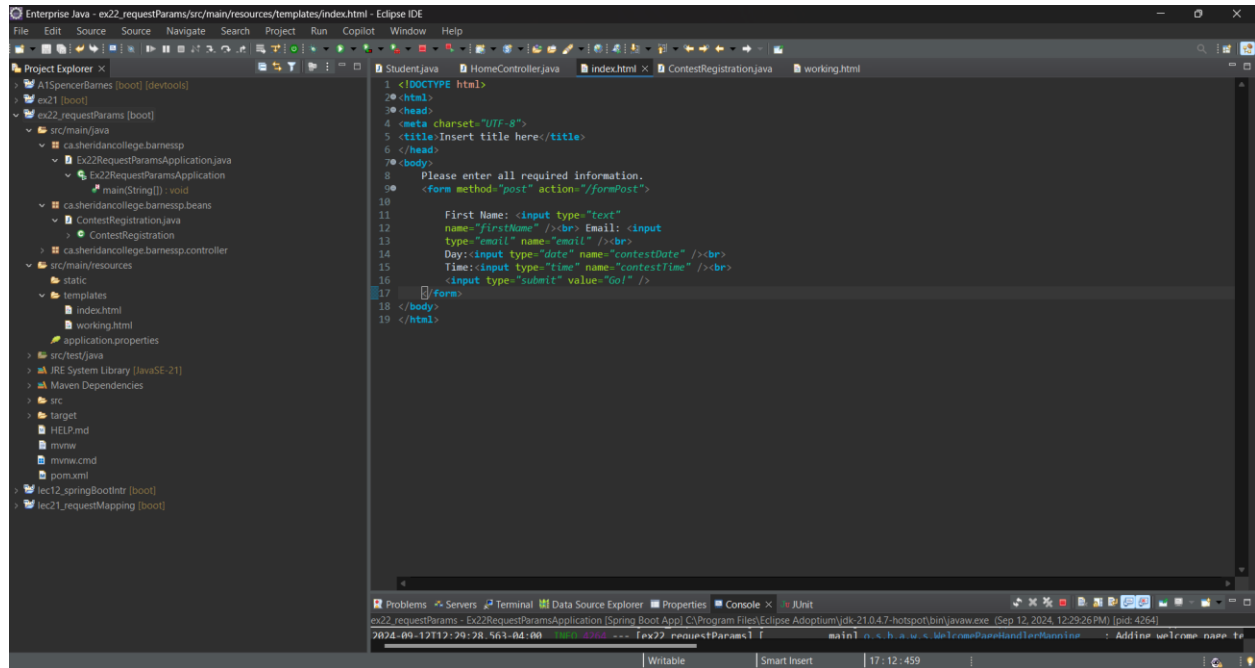


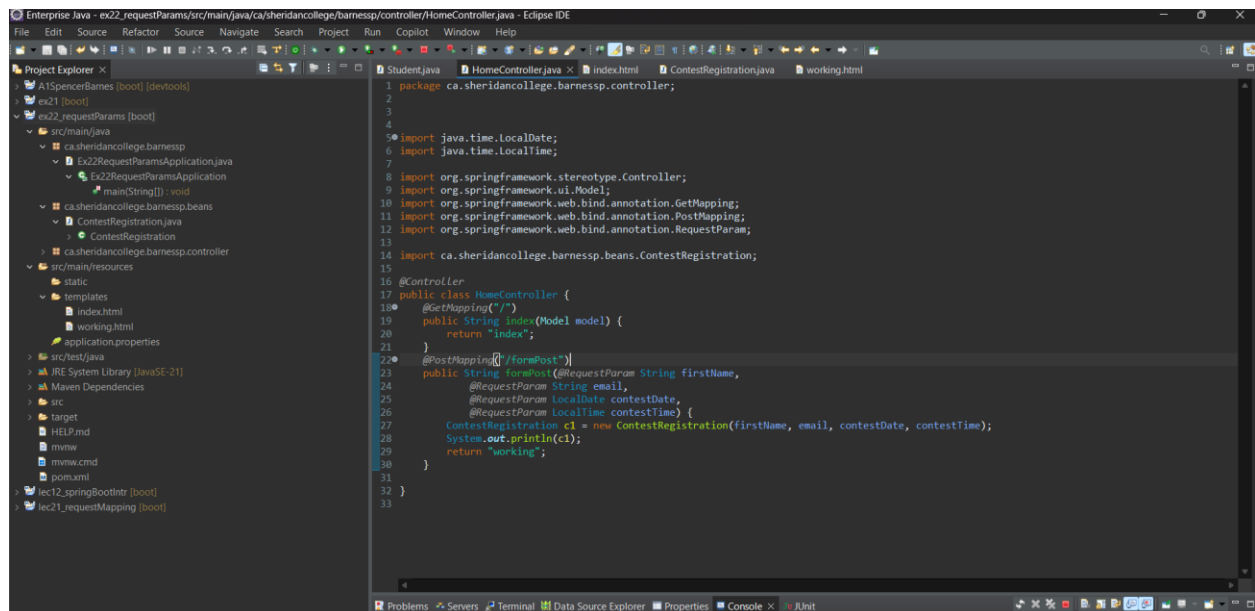
## Index.html



The screenshot shows the Eclipse IDE interface. The Project Explorer on the left displays the project structure, with the 'index.html' file selected under the 'templates' folder. The Editor window on the right shows the content of 'index.html', which is an HTML form for registering a contest. The form includes fields for First Name, Email, Day, Time, and a Submit button. The status bar at the bottom indicates the file is writable and the cursor is at line 17, column 12.

```
1 <!DOCTYPE html>
2 <html>
3 <head>
4 <meta charset="UTF-8">
5 <title>Insert title here</title>
6 </head>
7 <body>
8     Please enter all required information.
9     <form method="post" action="/formPost">
10
11         First Name: <input type="text"
12             name="firstName" /><br> Email: <input
13             type="email" name="email" /><br>
14         Day:<input type="date" name="contestDate" /><br>
15         Time:<input type="time" name="contestTime" /><br>
16         <input type="submit" value="Go!" />
17     </form>
18 </body>
19 </html>
```

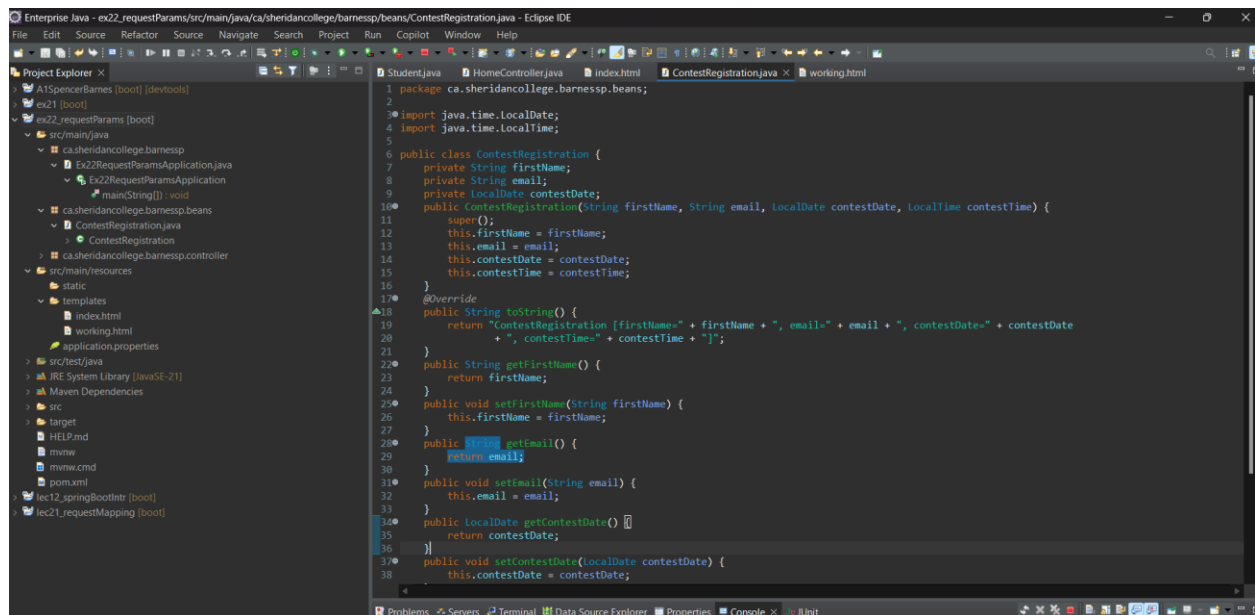
## HomeController Class



The screenshot shows the Eclipse IDE interface. The Project Explorer on the left displays the project structure, with the 'HomeController.java' file selected under the 'controllers' folder. The Editor window on the right shows the content of 'HomeController.java', which is a Spring MVC controller class. The class has a GET mapping for the root path and a POST mapping for the '/formPost' path. The status bar at the bottom indicates the file is writable and the cursor is at line 33, column 1.

```
1 package ca.sheridancollege.barnessp.controller;
2
3
4
5 import java.time.LocalDate;
6 import java.time.LocalDateTime;
7
8 import org.springframework.stereotype.Controller;
9 import org.springframework.ui.Model;
10 import org.springframework.web.bind.annotation.GetMapping;
11 import org.springframework.web.bind.annotation.PostMapping;
12 import org.springframework.web.bind.annotation.RequestParam;
13
14 import ca.sheridancollege.barnessp.beans.ContestRegistration;
15
16 @Controller
17 public class HomeController {
18     @GetMapping("/")
19     public String index(Model model) {
20         return "index";
21     }
22     @PostMapping("/formPost")
23     public String formPost(@RequestParam String firstName,
24         @RequestParam String email,
25         @RequestParam LocalDateTime contestDate,
26         @RequestParam LocalDateTime contestTime) {
27         ContestRegistration c1 = new ContestRegistration(firstName, email, contestDate, contestTime);
28         System.out.println(c1);
29         return "working";
30     }
31 }
32
33
```

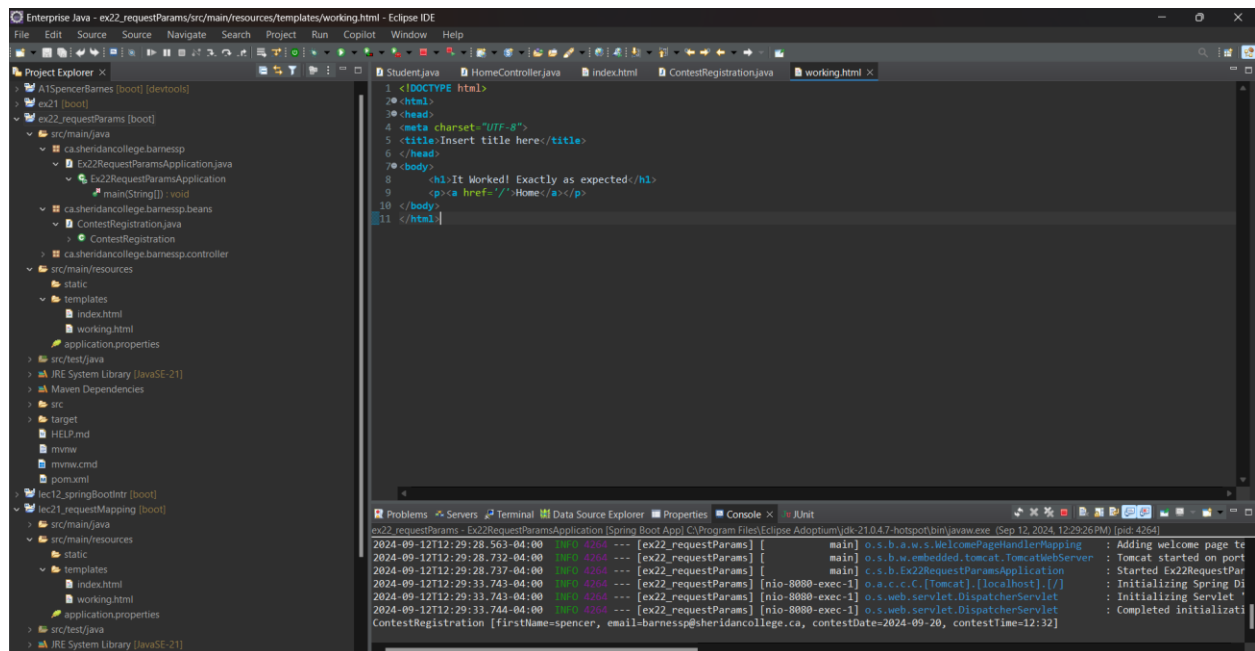
## ContestRegistration Class



The screenshot shows the Eclipse IDE with the `ContestRegistration.java` file open. The Project Explorer on the left shows the project structure, including the `ContestRegistration` class. The main editor displays the following Java code:

```
1 package ca.sheridancollege.barnessp.beans;
2
3 import java.time.LocalDate;
4 import java.time.LocalDateTime;
5
6 public class ContestRegistration {
7     private String firstName;
8     private String email;
9     private LocalDate contestDate;
10    public ContestRegistration(String firstName, String email, LocalDate contestDate, LocalDateTime contestTime) {
11        super();
12        this.firstName = firstName;
13        this.email = email;
14        this.contestDate = contestDate;
15        this.contestTime = contestTime;
16    }
17
18    @Override
19    public String toString() {
20        return "ContestRegistration [firstName=" + firstName + ", email=" + email + ", contestDate=" + contestDate
21            + ", contestTime=" + contestTime + "]";
22    }
23
24    public String getFirstName() {
25        return firstName;
26    }
27
28    public void setFirstName(String firstName) {
29        this.firstName = firstName;
30    }
31
32    public String getEmail() {
33        return email;
34    }
35
36    public void setEmail(String email) {
37        this.email = email;
38    }
39
40    public LocalDate getContestDate() {
41        return contestDate;
42    }
43
44    public void setContestDate(LocalDate contestDate) {
45        this.contestDate = contestDate;
46    }
47 }
```

## working.html



The screenshot shows the Eclipse IDE with the `working.html` file open. The Project Explorer on the left shows the project structure, including the `working.html` file. The main editor displays the following HTML code:

```
1 <!DOCTYPE html>
2 <html>
3 <head>
4 <meta charset="UTF-8">
5 <title>Insert title here</title>
6 </head>
7 <body>
8 <h1>It Worked! Exactly as expected</h1>
9 <p><a href="/">Home</a></p>
10 </body>
11 </html>
```

The Console window at the bottom shows the output of the application, including the following log messages:

```
2024-09-12T12:29:28.563-04:00 INFO 4264 --- [ex22_requestParams] [main] o.s.b.a.w.s.welcomePageInitializer : Adding welcome page to
2024-09-12T12:29:28.732-04:00 INFO 4264 --- [ex22_requestParams] [main] o.s.b.w.embedded.Tomcat.TomcatWebServer : Tomcat started on port
2024-09-12T12:29:28.737-04:00 INFO 4264 --- [ex22_requestParams] [main] c.s.b.Ex22RequestParamsApplication : Started Ex22RequestPar
2024-09-12T12:29:33.743-04:00 INFO 4264 --- [ex22_requestParams] [nio-8080-exec-1] o.a.c.c.C.[Tomcat].[localhost].[/] : Initializing Spring Di
2024-09-12T12:29:33.744-04:00 INFO 4264 --- [ex22_requestParams] [nio-8080-exec-1] o.s.web.servlet.DispatcherServlet : Initializing Servlet
2024-09-12T12:29:33.744-04:00 INFO 4264 --- [ex22_requestParams] [nio-8080-exec-1] o.s.web.servlet.DispatcherServlet : Completed Initializati
ContestRegistration [firstName=spencer, email=barnessp@sheridancollege.ca, contestDate=2024-09-20, contestTime=12:32]
```

UIL Lecture 2-2 Request Mapping | UIL Exercises 2-2 Request Mapping | Insert title here | Welcome to Sheridan Central | Word | Microsoft 365 | Document22.docx

< > ↻ http://localhost:8080

UIL Slate W3Schools Online... Game Boy / GBC - P... awsacademy.com/M... Sheridan College ... Cengage Learning

Please enter all required information.  
First Name:   
Email:   
Day:   
Time:

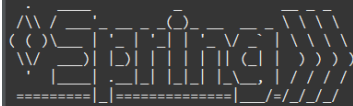
< > ↻ http://localhost:8080/formPost

UIL Slate W3Schools Online... Game Boy / GBC - P... awsacademy.com/M... Sheridan College ... Cengage Learning

**It Worked! Exactly as expected**

[Home](#)

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Spring Boot (v3.3.3)

```
2024-09-12T12:29:27.925-04:00 INFO 4264 --- [ex22_requestParams] [main] c.s.b.Ex22RequestParamsApplication : Starting Ex22RequestPa
2024-09-12T12:29:27.927-04:00 INFO 4264 --- [ex22_requestParams] [main] c.s.b.Ex22RequestParamsApplication : No active profile set,
2024-09-12T12:29:28.454-04:00 INFO 4264 --- [ex22_requestParams] [main] o.s.b.w.embedded.tomcat.TomcatWebServer : Tomcat initialized wit
2024-09-12T12:29:28.464-04:00 INFO 4264 --- [ex22_requestParams] [main] o.apache.catalina.core.StandardService : Starting service [Tomc
2024-09-12T12:29:28.464-04:00 INFO 4264 --- [ex22_requestParams] [main] o.apache.catalina.core.StandardEngine : Starting Servlet engin
2024-09-12T12:29:28.498-04:00 INFO 4264 --- [ex22_requestParams] [main] o.a.c.c.C.[Tomcat].[localhost].[/] : Initializing Spring em
2024-09-12T12:29:28.498-04:00 INFO 4264 --- [ex22_requestParams] [main] w.s.c.ServletWebServerApplicationContext : Root WebApplicationCon
2024-09-12T12:29:28.563-04:00 INFO 4264 --- [ex22_requestParams] [main] o.s.b.a.w.s.WelcomePageHandlerMapping : Adding welcome page te
2024-09-12T12:29:28.732-04:00 INFO 4264 --- [ex22_requestParams] [main] o.s.b.w.embedded.tomcat.TomcatWebServer : Tomcat started on port
2024-09-12T12:29:28.737-04:00 INFO 4264 --- [ex22_requestParams] [main] c.s.b.Ex22RequestParamsApplication : Started Ex22RequestPar
2024-09-12T12:29:33.743-04:00 INFO 4264 --- [ex22_requestParams] [nio-8080-exec-1] o.a.c.c.C.[Tomcat].[localhost].[/] : Initializing Spring Di
2024-09-12T12:29:33.743-04:00 INFO 4264 --- [ex22_requestParams] [nio-8080-exec-1] o.s.web.servlet.DispatcherServlet : Initializing Servlet '
2024-09-12T12:29:33.744-04:00 INFO 4264 --- [ex22_requestParams] [nio-8080-exec-1] o.s.web.servlet.DispatcherServlet : Completed initializati
ContestRegistration [firstName=spencer, email=barnessp@sheridancollege.ca, contestDate=2024-09-20, contestTime=12:32]
```