

## Spring Boot – Adding Register Form

Create a -> **AccountController** -> Controller folder

Create a -> **register.html** -> Template -> Register Form

Giving # sign it will submit to the same controller.

```
<form action="#">
```

Giving @ sign -> Referring to a link.

Object -> Object means that which particular object will be used in order to setting the values, which is again important.

Giving \$ sign -> When we want to access variables

```
<form action="#"  
      th:action="@{/register}"  
      th:object="${account}">
```

The Id should actually match your variable name. And based on these Id the getters and setters will be called by Spring Framework Spring Boot.

**th: field** -> So field is nothing but your variable. Which variable we are using for storing this form data. So here for storing the field there is a yet another notation.  
So it's a star.

It's a star means that we will be directly saving the information inside this field.  
And definitely the name is email.

```
<input id="email" type="email" th:field="*{email}" class="form-control"  
placeholder="Your Name" />
```

**Method="post"**

```
<form action="#"  
      th:action="@{/register}"  
      th:object="${account}"  
      method="post">
```

## Account Controller.java

```
package org.studyeasy.SpringStarter.Controller;

import org.springframework.beans.factory.annotation.Autowired;
import org.springframework.stereotype.Controller;
import org.springframework.ui.Model;
import org.springframework.web.bind.annotation.GetMapping;
import org.springframework.web.bind.annotation.ModelAttribute;
import org.studyeasy.SpringStarter.models.Account;
import org.studyeasy.SpringStarter.services.AccountService;
import org.springframework.web.bind.annotation.PostMapping;

@Controller
public class AccountController {

    @Autowired
    private AccountService accountService;

    @GetMapping("/register")
    public String register(Model model){
        Account account = new Account();
        model.addAttribute("account", account);
        return "register";
    }

    @PostMapping("/register")
    public String register_user(@ModelAttribute Account account) {
        accountService.save(account);
        return "redirect:/";
    }

}
```

## Register.html

```
<!DOCTYPE html>
<html>
<head th:replace="/fragments/head :: head">
<body class="sub_page">
    <div class="hero_area">
        <div class="bg-box">
            
        </div>
        <!-- header section strats -->
        <header th:replace="/fragments/header :: header">
```

```

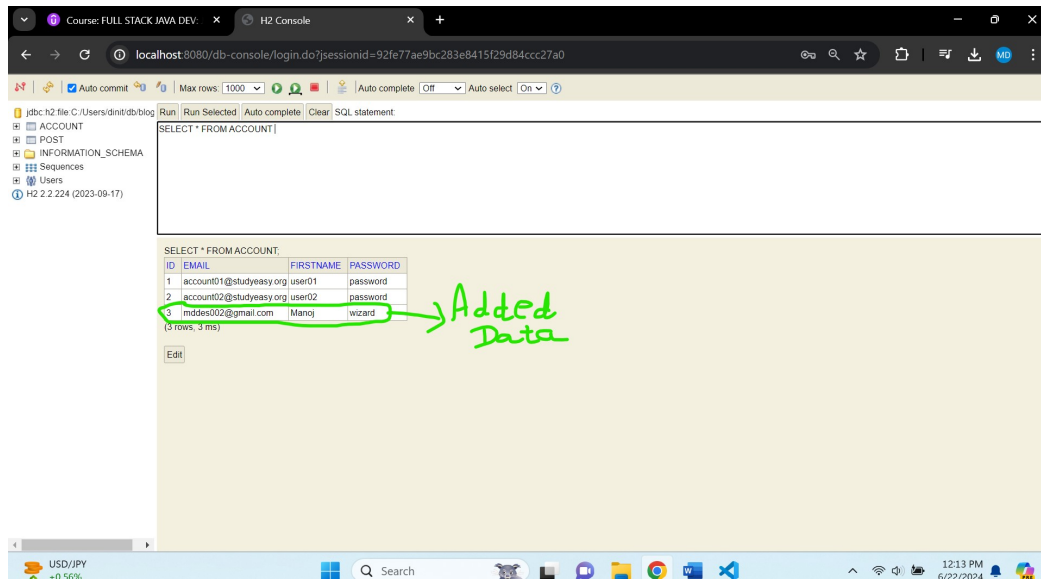
        <!-- end header section -->
    </div>
    <!-- book section -->
    <section class="book_section layout_padding">
        <div class="container">
            <div class="heading_container">
                <h4>
                    Register
                </h4>
            </div>
            <div class="row">
                <div class="col-md-6">
                    <div class="form_container">
                        <form action="#"
                            th:action="@{/register}"
                            th:object="${account}"
                            method="post">
                            <div>
                                <input id="email" type="email" th:field="*{email}"
class="form-control" placeholder="Email" />
                                </div>
                                <div>
                                    <input id="password" type="password"
th:field="*{password}" class="form-control" placeholder="Password" />
                                </div>
                                <div>
                                    <input id="firstname" type="text" th:field="*{firstname}"
class="form-control" placeholder="First Name" />
                                </div>
                                <div>
                                </div>
                                <div>
                                </div>
                                <div class="btn_box">
                                    <button type="submit">
                                        Register
                                    </button>
                                </div>
                            </form>
                        </div>
                    </div>
                </div>
            </div>
        </div>
    </section>
    <!-- end book section -->
    <!-- footer section -->
    <footer th:replace="/fragments/footer :: footer">
    <!-- footer section -->
</body>
</html>

```

# Book.html template

```
<!-- book section -->
<section class="book_section layout_padding">
  <div class="container">
    <div class="heading_container">
      <h2>
        Book A Table
      </h2>
    </div>
    <div class="row">
      <div class="col-md-6">
        <div class="form_container">
          <form action="">
            <div>
              <input type="text" class="form-control" placeholder="Your Name" />
            </div>
            <div>
              <input type="text" class="form-control" placeholder="Phone Number" />
            </div>
            <div>
              <input type="email" class="form-control" placeholder="Your Email" />
            </div>
            <div>
              <select class="form-control nice-select wide">
                <option value="" disabled selected>
                  How many persons?
                </option>
                <option value="">
                  2
                </option>
                <option value="">
                  3
                </option>
                <option value="">
                  4
                </option>
                <option value="">
                  5
                </option>
              </select>
            </div>
            <div>
              <input type="date" class="form-control">
            </div>
            <div class="btn_box">
              <button>
                Book Now
              </button>
            </div>
          </form>
        </div>
      </div>
      <div class="col-md-6">
        <div class="map_container ">
          <div id="googleMap"></div>
        </div>
      </div>
    </div>
  </div>
</section>
<!-- end book section -->
```

## Output:-



The screenshot shows the H2 Console interface. The top bar indicates the current session is 'H2 Console' with a session ID. The left sidebar shows a database structure with tables like ACCOUNT, POST, INFORMATION\_SCHEMA, Sequences, and Users. The main area displays the SQL statement 'SELECT \* FROM ACCOUNT;' and its results. The results are shown in a table with columns ID, EMAIL, FIRSTNAME, and PASSWORD. The third row, representing a newly added user, is highlighted with a green circle and labeled 'Added Data' with a green arrow. The table shows three rows of data, with the third row being the most recent addition.

ID	EMAIL	FIRSTNAME	PASSWORD
1	account01@studyeasy.org	user01	password
2	account02@studyeasy.org	user02	password
3	mddes002@gmail.com	Manoj	wizard

(3 rows, 3 ms)

Added Data