**Exercise 4: Online Bookstore - Processing Request Body and Form Data**

**Customer**

package com.bookstore.api.entities;

import lombok.Data;

@Data

public class Customer {

private Long id;

private String name;

private String email;

private String password;

}

**CustomerController**

package com.bookstore.api.controllers;

import com.bookstore.api.entities.Customer;

import org.springframework.web.bind.annotation.\*;

import java.util.ArrayList;

import java.util.List;

@RestController

@RequestMapping("/customers")

public class CustomerController {

private List<Customer> customers = new ArrayList<>();

@PostMapping("/register")

public Customer registerCustomer(@RequestBody Customer customer) {

customers.add(customer);

return customer;

}

@PostMapping("/register-form")

public Customer registerCustomerForm(@RequestParam String name,

@RequestParam String email,

@RequestParam String password) {

Customer customer = new Customer();

customer.setName(name);

customer.setEmail(email);

customer.setPassword(password);

customers.add(customer);

return customer;

}

}

In the above code, i have created a CustomerController to handle customer registrations.

- I have implemented a POST /customers/register endpoint to create a new customer by accepting a JSON request body.

- I have implemented a POST /customers/register-form endpoint to process form data for customer registrations.

Note that I have used @RequestBody to inject the JSON request body into the registerCustomer method, and @RequestParam to inject the form data into the registerCustomerForm method.