

Test Summary

- No. of Sections: 2
- No. of Questions: 10
- Total Duration: 90 min

Section 1 - MCQ

Section Summary

- No. of Questions: 9
- Duration: 30 min

Additional Instructions:

None

Q1. What is the Annotation used for Rest controller?

@RestController

@Controller

@RestController

@SpringBootApplication

Q2. How to use transient annotation?

is used to ignore a field to not persist in database in JPA.

is used to ignore a field to persist in database in JPA,

is used to ignore a object to not persist in database in JPA,

None of the above

Q3. Which of the annotation is not a Spring boot annotation?

@Controller

@Data

@Service

@RestController

Q4. Which of the following is used by Maven in Spring Boot?

pom.xml

config.xml

META-INF

None of the Above

Q5. _____request to the /users endpoint returns an array of users

GET

PUT

POST

DELETE

Q6. Which of the following can be used for Dependency management in spring boot?

Maven

Gradle

Both of the above

None of the above

Q7. Which starter dependency is used to develop web applications or Restful web services?

spring-boot-starter-data-jpa

spring-boot-starter-web

spring-boot-starter-rest

spring-boot-starter-web-dependency

Q8. What is the Minimum Java version need for Spring boot?

Java 10

Java 8

Java 9

Java 11

Q9. What is the Annotation used to handle GET request

- @GetMapping
- @PutMapping
- @PostMapping
- @GetMapping

Section 2 - Project

Section Summary

- No. of Questions: 1
- Duration: 60 min

Additional Instructions:

None

Q1. GET Rating Details with Sorting and Pagination

Overview:
To perform Sorting & Pagination operations of the Rating details in API.

- Functional Requirements:
- Build an application for getting rating details.
 - Have to create a folder named “Controllers” inside the springapp in src.
 - Inside the Controllers create a java file named “ApiController.java”.
 - Next have to create the same inside the springapp named as “Models”.
 - Inside Models, you should create the java file named “Rating.java”.
 - And create Repositories folder and inside that create "RatingRepo.java"
- Create 5 variables
- ratingId- int
 - userId - int
 - productId - int
 - ratingDate- string
 - score- int
- as well as create getters and setters and constructors for the corresponding variables.
 - Finally, create the "Service" folder, and inside that create the "ApiService.java" file.
 - The project structure looks like this image

Core Platform
OpenJDK 11

API:
Question 1 (16 Marks)
POST - "/" --> true/false
GET -("/{field}" --> List of Rating object

Question 2 (16 Marks)
GET -("/{offset}/{pagesize}" --> Page content
GET -("/{offset}/{pagesize}/{field}" --> Page content
GET – “/rating” --> List of Rating object

Note:
Question 1 and 2 have to be solved in the same project environment.

spring.jpa.hibernate.ddl-auto=update
spring.datasource.url=jdbc:mysql://localhost/rate?createDatabaseIfNotExist=true
spring.datasource.username=root
spring.datasource.password=examly

spring.datasource.driver-class-name=com.mysql.cj.jdbc.Driver
spring.jpa.show-sql= true
spring.jpa.database-platform=org.hibernate.dialect.MySQL8Dialect

API endpoint:
8080

Platform Guidelines:
To run the command use **Terminal** in the platform.

Spring Boot:
To start/run the application '**mvn spring-boot:run**'

Answer Key & Solution

Section 1 - MCQ

Q1 @RestController

Solution

No Solution

Q2 is used to ignore a field to not persist in database in JPA.

Solution

No Solution

Q3 @Data

Solution

No Solution

Q4 pom.xml

Solution

No Solution

Q5 GET

Solution

No Solution

Q6 Both of the above

Solution

No Solution

Q7 spring-boot-starter-web

Solution

No Solution

Q8 Java 8

Solution

No Solution

Q9 @GetMapping

Solution

No Solution

Section 2 - Project

Q1 Solution cannot be displayed