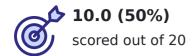


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TH-6738-SEM3A(Java)-Integrating Applications with Spring Framework's report

Submitted on Aug 25 2023 08:03:10 IST





Passed

in the assignment (Cut-off score >=



problems attempted out of 16

Test time analysis



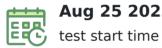
21m 38s

21m 38s time taken for completion



Jul 17 2023 09:50:27 IST

test invite time



Aug 25 2023 07:41:31 IST



Aug 25 2023 08:03:10 IST

test end time

Performance summary





solutions rejected

Solutions

Problem Name	Problem Type	Status	Score
Integrating with Spring Framework	MCQ	REJECTED	0.0 / 1
Integrating with Spring Framework	MCQ	REJECTED	0.0 / 1
Integrating with Spring Framework	MCQ	ACCEPTED	1.0 / 1
Integrating with Spring Framework	MCQ	ACCEPTED	1.0 / 1
Integrating with Spring Framework	MCQ	REJECTED	0.0 / 1
Integrating with Spring Framework	MCQ	ACCEPTED	1.0 / 1
Integrating with Spring Framework	MCQ	ACCEPTED	1.0 / 1
Integrating with Spring Framework	MCQ	REJECTED	0.0 / 1
Integrating with Spring Framework	MCQ	REJECTED	0.0 / 1
Integrating with Spring Framework	MCQ	REJECTED	0.0 / 1
Integrating with Spring Framework	MCQ	REJECTED	0.0 / 1
Integrating with Spring Framework	MCQ	REJECTED	0.0 / 1
Integrating with Spring Framework	MCQ	REJECTED	0.0 / 2
Integrating with Spring Framework	MCQ	ACCEPTED	2.0 / 2
Integrating with Spring Framework	MCQ	ACCEPTED	2.0 / 2
Integrating with Spring Framework	MCQ	ACCEPTED	2.0 / 2

Detailed Report

Problem 1: Integrating with Spring Framework

MCQ SCORE: 1

IOC or Dependency injection is a

Solution REJECTED SCORE: 0.0/1

Design Pattern

Framework

CANDIDATE'S ANSWER
Java Module

ORM Framework

Problem 2: Integrating with Spring Framework

MCQ SCORE: 1

CORRECT ANSWER

What are the main advantage(s) for using Spring when writing unit tests?

Solution

REJECTED SCORE: 0.0 / 1

Reuse Spring configuration files of the application

CANDIDATE'S ANSWER

Use dependency injection

Provide some mocks for servlet classes

None of these

Problem 3: Integrating with Spring Framework

MCQ SCORE: 1

How can we auto-inject into a field a bean by its name? Select one or more correct responses.

Solution

ACCEPTED | SCORE: **1.0** / 1

With the name attribute of the @Autowired annotation

By using the single @Qualifier annotation

CANDIDATE'S ANSWER

CORRECT ANSWER

By using both the @Autowired and the @Qualifier Spring annotations

CANDIDATE'S ANSWER

CORRECT ANSWER

By using the @Autowired annotation and naming the field with the bean name

Problem 4: Integrating with Spring Framework

MCQ SCORE: 1

What is the default rollback policy in transaction management?

Rollback for any Exception CANDIDATE'S ANSWER Rollback for RuntimeException Rollback for checked exceptions Always commit

Problem 5: Integrating with Spring Framework

MCQ SCORE: 1

CORRECT ANSWER

Does Spring provide programmatic transaction management? Select the correct answer.

Solution

REJECTED SCORE: 0.0 / 1

Yes with the TransactionTemplate class

Yes with the TransactionService class

CANDIDATE'S ANSWER

Yes using the @Transactional bean post processor

No

Problem 6: Integrating with Spring Framework

MCQ SCORE: 1

What data access technology is not supported by the Spring framework?

JDBC

CANDIDATE'S ANSWER
NOSQL

Hibernate

JPA

Problem 7: Integrating with Spring Framework

MCQ SCORE: 1

What are the unique correct answers about Spring AOP support?

Solution ACCEPTED SCORE: 1.0 / 1

An advice could proxy a constructors class

CANDIDATE'S ANSWER

CORRECT ANSWER

A point cut could select methods that have a custom annotation

Static initialization code could be targeted by a point cut

Combination of pointcuts by &&, || and the ! operators is not supported

Problem 8 : Integrating with Spring Framework

MCQ SCORE: 1

What is an advice? Select the correct answer.

Solution

REJECTED SCORE: 0.0 / 1

An action taken by an aspect at a particular join point

A point during the execution of a program

An aspect and a pointcut

CANDIDATE'S ANSWER

A predicate that matches join points

Problem 9 : Integrating with Spring Framework

MCQ SCORE: 1

Select one or more correct answers about Spring bean life cycle.

Solution

REJECTED

SCORE: **0.0** / 1

CANDIDATE'S ANSWER

The method annotated with @PostConstruct is called after bean instantiation and before properties setting of the bean

The method @PreDestroy of a prototype bean is called when the bean is garbage collected

The init() method declared in the init-method attribute of a bean is called before the afterPropertiesSet callback method of the InitializingBean interface

CORRECT ANSWER

The method annotated with @PostConstruct is called before before the afterPropertiesSet callback method of the InitializingBean interface

Problem 10 : Integrating with Spring Framework

MCQ SCORE: 1

If a bean is scoped to HTTP request, scope is

session

CANDIDATE'S ANSWER
global-session

prototype

request

CORRECT ANSWER

Problem 11: Integrating with Spring Framework

MCQ SCORE: 1

Which are the modules of Web layer?

Solution

REJECTED SCORE: 0.0 / 1

CORRECT ANSWER

WebSocket, Servlet, Web, Portlet

WebSocket, Servlet, Web-MVC, Web

HTML, JSP, WEB, Portlet

CANDIDATE'S ANSWER

HTML, Servlet, WEB, Portlet

Problem 12 : Integrating with Spring Framework

MCQ SCORE: 1

Which of the following class can be used to execute Sql queries in Spring?

Solution	REJECTED SCORE: 0.0 / 1
JDBCHelper	
JdbcTemplate	CORRECT ANSWER
DBHelper	
DBTemplate	

Problem 13: Integrating with Spring Framework

MCQ SCORE: 2

Can we integrate Spring with Struts?

Solution

None of these

Solution	REJECTED SCORE: 0.0 / 2
CANDIDATE'S ANSWER Maybe	
Yes	CORRECT ANSWER
No	

Problem 14 : Integrating with Spring Framework

MCQ SCORE: 2

Which class represents the IoC container?

Solution SCORE: 2.0 / 2

CANDIDATE'S ANSWER	CORRECT ANSWER
ApplicationContext	
ServletContext	
SpringContext	
None of these	

Problem 15: Integrating with Spring Framework

MCQ SCORE: 2

How can you get the object of DAO in Spring framework?

Using new keyword CANDIDATE'S ANSWER Using Spring Dependency injection Both are Correct None of these

Problem 16: Integrating with Spring Framework

MCQ SCORE: 2

Expression Language is the part of Core Container in Spring Framework.

Solution

ACCEPTED SCORE: 2.0 / 2

CANDIDATE'S ANSWER	CORRECT ANSWER
TRUE	
FALSE	