Mcq4

Questions	Answer

Refer the incomplete code given below: application propperties ===================
Assume other properties are configured
____Line1_____=8080
pom.xml ====
<!--Assume other dependencies are configured-->
<dependency>
<groupId>org.springframework.boot</groupId>
<artifactId>___ Line2__</artifact><!--Dependency for web application-->
</dependency>
....Class =========
__Line3__
......class Application{
public static void main(String [] args){
__Line 4__.run(Application.class,args);
......Controller,Starter Class is coded appropriately.
... required to deploy the application on port 8080
choose valide option from below to complete the code
	server.port,spring-boot-starter-web,@SpringBootApplication, SpringApplication

Refer the incomplete code given below:
application propperties
===================
Assume other properties are configured
____Line1_____=8080
pom.xml
====
<!--Assume other dependencies are configured-->
<dependenc>
<groupId>org.springframework.boot</groupId>
<artifactId>___ Line2__</artifact><!--Dependency for web application-->
</dependency>
....Class
=========
__Line3__
......class Application{
public static void main(String [] args){
__Line 4__.run(Application.class,args);
......Controller,Starter Class is coded appropriately.
... required to deploy the application on port 8080
choose valide option from below to complete the code
	server.port,spring-boot-starter-web,@SpringBootApplication, SpringApplication

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It is required by jack to fetch eemployee details by salary, such that salary greater than equal to certain value, and result should be ordered in descending order ofEmployeeId.
Refer the incomplete code and help jack to complete the requiremen:
application.properties
==============
#Assume other properties are configured properly
#DataBase url
____Line1____= jdbc:mysql://localhost:3306/springbootdb
pom.xml
======
<!--Assume other dependencies are configured-->
<dependency>
groupId>org.springframework.boot</groupId>
<artifactId>___Line2___</artifactid><!--Dependency for DB-->
</depenency>
___Line3___(domainClass=EmployeeEntity.class,idClass=Integer.class)
@Transactionalsactional
public interface EmployeeDAO
	spring.datasource.url, spring-boot-starter-data-jpa,repositorydefination,findBySalaryGreater ThanEqualByDescEmployeeId

refer the incomplete spring security configuration given below <!--Assume that the HTTP element is configured properly--> <__Line1__> <__Line2__> <__Line3__> <.."ROLE_MSD_USER" /> <..="ROLE_MSD_ADMIN" /> <..="ROLE_MSD_DBA" /> <__Line3__> <__Line2__> <__Line1__> ....above code	authentication-manager, authentication-provider,user-sevices

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Refer the incomplete code given below:
application.propperties
==================
#Assume other properties are configured
#Database url
____Line1_____=jdbc.mysql://localhost:3306/springbootdb
pom.xml
====
<!--Assume other dependencies are configured-->
<dependenc>
<groupId>org.springframework.boot</groupId>
<artifactId>___ Line2__</artifact><!--Dependency for web application-->
</dependency>
DAO
=========
__Line3__(domainClass = Employeeentity.class.idClass=integer.class)
@transactional
public interface EmployeedAO{
__Line4__("select k from EmployeeEntity k where k salary.=?")
List,EmployeeEntity>getAllEmployeesBySalary(Double salary)
......class Application{
public static void main(String [] args){
__Line 4__.run(Application.class,args);
 	
......Controller,Starter Class is coded appropriately.
... required to deploy the application on port 8080
choose valide option from below to complete the code
	spring.datasouce url.spring-boot-starter
	data-jpa,@RepositoryDefinition,@Query @pathVariable

....
Given Below
com.accenture.lkm.application
.....Application
... Application {
public static void main(String[] args){
Application.run(Application.class, args);
 	
-- 	
 	
...accenture.lkm.web.controller;
....
MessageController {
.. String(value = "/sayHi/{message}",
"application/json"},
RequestMethod.GET)
.....ENtity<String>
.....@PathVariable("message") String messageVar) {
responseEntity<String>("Message From
messageVar, HttpStatus.OK);
	Error while deployment as primary.........................

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___Line1____
public class Application {
 	
public static void main(String[] args) {
___Line2____
}
	@SpringBootApplication,SpringApplication.run(Application.class,args)

(!)A spring MVC application can have multiple child content (!!) Child content belongs to DispatcherServlet Which of the above statements are true?	Both are true
identify the characteristics of Microservices [choose 2]	Highly cohesive Independently deployable

Refer the below incomplete code for a Spring rEST based application
@RequestMapping(value = "/students/updateStudent",
method =___Line1__PUT,
consumes = _____Line2____.APPLICATION_JSON_VALUE)
public _____Line3____<StudentBean>updatedStudent(____Line4____StudentBean student) {
StudentBean updateStudent = null;
//code goes here
return new ___Line3____<studentBean>(updateStudent, HttpStatus.OK);
Choose from below a valid option , in the order as it appears, to complete the above code
	RequestMethod,MediaType,ResponseEntity,@RequestBody

Which of the following is correct with respect to Spring MVC? 1) Root context belongs to dispatcher servlet. 2) Common configuration is configured in root context and presentation layer configuration is configured in child context	Only (ii)

Refer the incomplete code given below for a Spring REST based application:
@RestController
Public Class CstController{
----------------Line 1---------------
public ResponseEntity<CstBean> CreateCstMember(@RequestBody CstBean cstBean)
{
CstBean bean1=null;
//Logic goes here
return new ResponseEntity<CstBean>(bean1,Httpstatus.OK);
}
}
 	
Assume application is deployed on port 8090 and following URL is hit to access the application using "POST MAN CLIENT" with POST verb and valid request body with header application/json.
URL: http://localhost:8090/App/cst/controller/createCst
Choose from a valid option to complete above code so that JSON response is returned in response to request
	@RequestMapping(value = "/cst/controller/createCst", method = RequestMethod.POST,
	consumes = MediaType.APPLICATION_JSON_VALUE,
	produces = MediaType.APPLICATION_JSON_VALUE)

Which of the following feature(s) is/are included in myWizard DevOps?	All of the above
Choose a valid option from below that helps to auto the database correction and... in Springboot	@EnableAutoConfiguration

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In the digital era there are key success factors addressed by mywizard Deveops. Pick the valid success factors.	All of the above

Refer the code given below for the producer, coded using Spring-REST
@RestController
public class EmployeeController {
 //Assume that EmployeeServiceImpl is injected appropriately
 	
@RequestMapping(value=*/emp/controller/addEmp", method=RequestMethod.POST,
consumes=MediaType.APPLICATION_JSON_VALUE,
produces=MediaType.TEXT_HTML_VALUE)
public ResponseEntity<String> addEmployee(@RequestBody EmploBean employee)
{
int count=employeeServiceImpl.addEmployee(employee);
return new ResponseEntity<String>("Employee added successfully with id:" +count, HttpStatus, CREATED);
}
}
 	
Refer the incomplete code given below:
private static void createEmployee() {
  RestTemplate restTemplate =new RestTemplate();
  EmployeeBean employee =new EmployeeBean(0, "TestMSD", "Manager", new Date(), 1000.0);
   String str=null;
	restTemplate.postForObject(REST_SERVICE_URL +
	"addEmp" , employee, String.class

What are the features are possible to be availed through the provisioning of Intelligent using myWizard DevOps?	Highly Scalable, Manual Healing

package com.accenture.lkm.application;
@SpringBootApplication
public class Application {
  public static void main(String [] args) {
    SpringApplication.run(Application.class, args);
}
}
 	
//---
 	
package com.accenture.lkm.web.controller;
@RestController
public class MessageController {
  @RequestMapping(value= "/sayHi / {message}",
  producer={ "application/json"},
 method= RequestMethod.GET)
public ResponseEntity<String>
getEmployeeById(@pathvariable("message") String messageVar) {
 return new ResponseEntity<String>("Message From Controller": messageVar.Httpstatus.ok);
	Error while deployment as Primary configuration is not in

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Refer the incomplete code given below
stater class
----------------- 	
---------------- 	
------Line 1-------
public class Application {
 public static void main(String[] args) {
  /* code goes here */
}
}
-----Line 2-----
public class EmployeeController {
	@SpringBootApplication,SpringApplication, @RestController,
	@RequestMapping, TEXT_HTML_VALUE

It is required to secure the Spring MVC based application using the following matrix by using Spring Security 4.x */saveStudent*** -should be accessible to ADMIN, */getStudentDetails*** -should be accessible to ADMIN, DBA and USER Refer below the incomplete spring security coniguration <http use-expression="false"> ------Line1------ <!---- Other related configuration goes here----> </http> Assume ADMIN(ROLE_ADMIN),DBA(ROLE_DBA) and USER(ROLE_USER) configurated property within the AuthenticationManager tag Choose from below a valid option to complete the above code	<intercept-url pattern=*/saveStudent*** access="ROLE_ADMIN"/> <intercept-url pattern=*/getStudentDetails*** access="ROLE_ADMIN, ROLE_DBA, ROLE_USER"/>

Refer the incomplete code given below
---------Line 1------------
public class EmployeeController {
      @Autowired
  private EmployeeServiceImpl employeeService:
---------Line 2--------- (value="emp/controller
/getDetails",.method=RequestMethod, GET, produces=MediaType,APPLICATION_JSON_VAL
 public------------Line 3--------------<List<EmployeeBean>> getEmployeeDetails() {
return ---Line3---- employeeServices.getAllEmployees();
}
 	
Choose from below a valid option to complete the above code, in the order as it appears.
	@RestController, @RequestMapping, ResponseEntity

Refer the below Requirement to be implented using Spring Security, 1) LoadSave should be accessible to CST_ADMIN, CST_DBA 2) LoadReport should be accessible to CST_ADMIN only Choose from below valid option to complete the above requirement	<http auto-config="false"> <intercept-url pattern="/LoadReport" access="Role_CST_ADMIN" /> <intercept-url pattern="/LoadSave" access="Role_CST_ADMIN.Role_CST_DBA" /> <! rest code goes here--> </http>

Refer the below requirement to be implemented using spring security. 1) LoadSave should be accessible by CST_ADMIN,CST_DBA. 2)LoadReport should be accessible to CST_ADMIN only.	<http auto-config="false"> <intercept-url pattern="/LoadReport" access="hasRole('CST_ADMIN','ADMIN_DBA)" /> <intercept-url pattern="/LoadSave" access="hasRole('CST_ADMIN')" /> </http>
Which of the components are connected to myWizard DevOps.	All of the above
When maven dependecy is used to create a spring boot web application?	<dependency> <groupId>org.springframework.boot</groupId> <artifactId>spring-boot-starter-web</artifactId> </dependency>

Refer the incomplete code given below:
@Controller public class EmployeeController{
Assume appropriate DAO injected by using appropriate annotation
__Line1__
public Map<Integer,String> getEmployeeDetails(){
Map<Integer,String> map= new HashLinkedMap<>();
return map;
}
DAO Layer
=========
@Repository
@Transactional
public class EmployeeDao{
__Line2__
private EntityManager entityManager;
List<EmployeeBean> getEmployeeDetails(){
Query query = entityManager("Select E from Employee E"),
List<EmployeeEntity> entities=query.getResultList();
return beans;
	@ModelAttribute,@PersistenceContext,createQuery

consider the code given below
@SpringBootApplication //line1
public class Application {
public static void main(String [] args) {
SpringApplication.run(Application.class, args);
}
}
	@ComponentScan, @Configuration, @EnableAutoConfiguration

choose from below a valid option representing the proper nme of the default properties files in springboot (i)application.properties (ii)web.xml (iii)appliction.xml	only(1)

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refer the below incomplted code for a spring Rest based appliction
@RequestMapping(value ="/students/updateStudent",
method=___line1____PUT,
consumes=___line2___APPLICTION_json_value
public____Line3____<StudentBean>updateStudent(_____Line4_____StudentBean student){
 	
}
	RequestMethod,MediaType,ResponsesEntity,@RequestBody

Refer the below Requirement to be imported using Spring Security 1)LoadSave should be accessible to CST_ADMIN,CST_DBA 2)LoadReport should be accessible to CST_ADMIN only Choose form the below valid option to complete the above requirement	a) <http use-expressions='false'> <intercept-url pattern="/LoadReport**" access="ROLE_CST_ADMIN" /> <intercept-url pattern="/LoadSave*" access="ROLE_CST_ADMIN,ROLE_CST_DBA" /> <!-- Rest Code Goese here --> </http>

Refer the incomplete code given below:
 	
@Controller
public class CstController {
__________(value = "/registration", method
=________________________)
public ModelAndView register(@ModelAttribute("empBean")
EmployeeBean employeeBean) {
ModelAndView modelAndView = new ModelAndView();
// Business logic goes here....
return modelAndView;
}
}
 	
Assume that a view exists that submits the Request for action "/registration"
using Spring form's default request submission method.
 	
Choose from below a valid option in the order as it appears to complete above code:
	@RequestMapping , RequestMethod.GET

Choose from below a valid option representing the proper name of the default properties files in SpringBoot i) application.properties ii) web.xml iii) application.xml	i) only (i)

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Refer the code given below
 	
@RestController public class CstController {
        @RequestMapping(value = "/rest/controller/deleteCstBean/{id}",
method = RequestMethod.DELETE ,
        produces = MediaTyper.APPLICATION_JSON_VALUE)
        public ResponseEntity<CstBean>
deleteCstBean(@PathVariable("id") int myId) {
        CstBean cstBean=null'
        // Code goes here to initialize the CST bean
        return new ResponseEntity<CstBean>(cstBean.
HttpStatus.OK);
     }
}
 	
Assume Application is deployed on port number 8089 and is accessible using the URL:
http//localhost:8089/App
Assume the restTemplate is holding the instance to the
org.springframework.web.client.RestTemplate
Choose from below a valid RestTemplate call to invoke the above method
	restTemplate.delete("http://localhost:8089/App/
	cst/controller/deleteCstBean/1002");

Which one of the HTTP verbs given is not idempotent and not safe.	POST

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Refer the incomplete code below:
@Controller
public class CstController {
    //Assume Request mapping code is written here
    public ModelAndView register(@ModelAttribute("custBean") CustomerBean bean) throws InvalidNameException {
    //code goes here...
    throw new InvalidNameException();
    return modelAndView;
  }
_____________// LineX
    public ModelAndView handleException(InvalidNameException exception) {
    ModelAndView modelAndView = new ModelAndView();
    modelAndView.setViewName("DisplayMessage"): //Logical Name of the view to Navigate in case of error
    modelAndView.addObject("ErrorMessage",exception);
    return modelAndView;
  }
}
 	
DisplayMessage.jsp
=======================
<center>
<h2>Exception Handler Page</h2>
<hr>
Details of Exception:<br/>
_________________________________<!-- LineY - Code to print exception details -->
 	
</center>
 	
Choose from below a valid option to fill in LineX and LineY in the order as it appears to complete the above code so that DisplayMessage.jsp displays the error message when InvalidNameException is thrown
	@ExceptionHandler(value=InvalidNameException.class),
	$(ErrorMessage}

Refer the incomplete configuration for Spring Security given below:
<authentication-manager>
<authentication-provider>
<user-service>
<!-- Line1 -->
</user-service>
</authentication-provider>
</authentication-manager>
 	
Assume CST_ADMIN Credentials are :username:cst_admin password:cst_admin
Assume CST_DBA Credentials are :username:cst_dba password:cst_dba
Choose from below a valid option to complete the above configuration to configure users using in-memory service
	<user-name="cst_dba" password="cst_dba"
	    authorities="ROLE_CST_DBA"/>
	<user-name="cst_admin" password="cst_admin"
	    authorities="ROLE_CST_ADMIN"/>

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Refer the incomplete spring boot code given below:
package com.accenture.lkm;
____
public class Application{
public static void main (String args[]){
SpringApplication.run(Application.class,args);
}
}
//--
package com.accenture.lkm.web.controller;
____
public class MessageController{
@Requestmapping(value="/sayHi/{message}",
produces={"application/json"},
method=RequestMethod.GET)
public ResponseEntity<String>
getemployeeById(_________________("message")string messagevar) {
return new ResponseEntity<String>("Message From
Controller:"+messagevar,Httpstatus.OK);
}
	@SpringBootApplication, @RestController , @PathVariable

Choose from below a valid combination of annotations which is equivalent to @SpringBootApplication 1)@Configuration 2)@EnableAutoConfiguration 3)@ComponentScan	All 1,2 and 3

package com.accenture.lkm.application;
@SpringBootApplication
public class Application{
public static void main (String args[]){
SpringApplication.run(Application.class,args);}}
//--
package com.accenture.lkm.web.controller;
@RestController
public class MessageController{@Requestmapping(value="/sayHi/{messege}",
produces={"application/json"},
method=Requestmethod.GET)
public ResponseEntity<string>
getemployeebyid(@pathvariable("message")string messagevar){return new
responseEntity<string>("message from controller:"+messagevar,httpstatus,OK);
}
	Move the Primary configuration to the root
	package "com.accenture.lkm"

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Refer the incomplete code given below for a Spring REST based application:
@Controller
Public Class CstController{
@RequestMapping(value="/cst/controller/createCst",
method=RequestMethod.POST,
consumes=MediaType.APPLICATION_JSON_VALUE,
produces=MediaType.APPLICATION_JSON_VALUE)
____
public CstBean updateCstMember(_________________ CstBean cstBean)
{
CstBean bean1=null;
//Logic goes here
return bean1;
}
}
 	
Choose from a valid option in order as it appears to complete above code.
	@ResponseBody , @RequestBody

Which of the following is/are the valid Content Negotiation strategies in Spring Boot ? i) URL Extension Based ii) URL Parameter Based Choose the most appropiate option	both (i) and (ii)
The annotation @RestController is equivalent to _______________ a) annotation @Controller b) annotation @ResponseBody c) annotaion @RequestMapping d) Both 1 & 2	Both 1 & 2
refer the incomplete code given below for spring Security CustomsecurityLoginPage.jsp <form name='loginform' action='<c;url value='/catsecureLogin,/>'method=___Line1___> User;<input type="text' name ='uname123' ><br/> <input nme="submit" type = "submit" value ="submit" / > </form> Configure in Sprig Security <http> element <.form-login login page="/___line3______" username -parameter='uname123' password-parameter="pwd123" authentication -failure-	post,dispCstLogin.html,cstSecureLogin,

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//Code to invoke the DAO addEmployee(employeeBean)
}
}
DAO Layer
=======
@Repository
______line3____
pulic class EmployeeDAO{
_____Line4_____
private EntityManager entity manager;
 	
//Assume addEmployee(EmployeeBean employeeBean) is already coded
}
view
=====
<form:form___Line5___="empobj"method="GET"action =""saveEmployee.html">
<!--Code goes here to enter the employee details--->
<input type = "submit"value="Register"/>
</form.form>
	@controller@Repository@Transectional

refer the incomplete given below for a spring Rest based application:
@restcontroller
public class cstcontroller{ // line -1 public responseEntity<list<cstbean>>
getDetails(@pathvariable(*p1*)double data){
list<cstBean>list=cstServiceimp1.getcstDetails(data);//logic goes here .....
return new ResponseEntity<list<csrBean>>(list,httpStatus.OK);}}
Assume application is deployed on port 8080 and following URL is hit to access the application using a web BROWSER
URL: http://localhost:8090//app/cst/controller/getDetailsinrange/120
choose from below a valid option to be placed at 'line1' to complete the above code so that json response to the req.
	@requestmapping(values="cst/controller/getdetailsInRange/{p1}",
	method = requestmethod.GET,
	produces = media Type.APPLICATION_JSON_VALUE)

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refer the incomplete code given below: ....class ------------------ ----line1----- -------line2-----(locations="classpath;com/accenture/lkm/resources/springservlet-xml') public class Application{public static void main(String args[]){/*code goes here*/}} XML configuration file to overrides the ContentNegotiation === <bean id="contentNegotiationManager" class="org.springframework.web.accept-------line3-------" primary="true"> <!-codegoes here...></bean><mvc.annotation-driven---line4---="contentNegotiationManager"/> assume rest of files are coded appropriately choose from below a valid option to complete the above code,in order as it appears	@springbootapplication, @import,contentNegotiationManagerFactoryBean, content-negotiation-manager
which maven dependency is used to create a spring boot web application	<dependency> <groupid>org.springframework.boot</groupid> <artifactid>spring-boot-starter-web</artifactid> </dependency>

package com.accenture.lkm.application;
@SpringBootApplication
public class application{
public ctatic void main (String args[]){
springapplication.run(application.class,args);}}
//---
package com.accenture.lkm.web.controller;
@restController
public class messagecontroller{@requestmapping(value="/sayHi/{messege}",
produces={"application/json"},
method=requestmethod.GET)
public responseEntity<string>
getemployeebyid(@pathvariable("message")string messagevar){return new
responseEntity<string>("message from controller:"+messagevar,httpstatus,OK);
}
	error while deployment as primary configuration is not in root packages

where is devops heading towards in technology-specific	
in spring rest which of the following triggers httpmessageconverter to convert the java object to json. xml, other MME type based on configuration? choose most appropritae options	@responsebody

refer thr incomplete spring security configuration given below <http----level1------> <----line2-----pattern='/getdetails process= ROLE_MSD_ADMIN,ROLE_MSD_DBA,ROLE_MSD_USER"/> ----LINE3----------- http> choose from below a valid option, in order as it appears , to complete the above code	@use-expressions="false",intercept-url,<form-login/>
choose from below the beans that are not inherited from the spring MVC's parent context	beanpostprocessors and beanfactorypostprocessors

refer the incomplete code given below
Controller
============
@Controller
public class EmployeeController{
//Assume methos to display the view and do model binding already exists
@RequestMapping (value= "registration", method= RequesrMethodPOST)
Public ModelAndView register(--------line1-------{"employeeBean")-----line2--------
EmployeeBean employeebean----------line3-------result){
ModelAndView modelAndView = new ModelAndView();
//your code goes here
return modelAndView;}}
View
========================
<form form method ="post" modelAttribute+"employeeBean" action ="registration.htm">
employee name<form.input path="name"/><br/> password <form password path="password"/>>br/>
<input type="submt"value="register"> <spring----------line4--------name="employeebeans">
<h3>ALL errors</h3>
<form.error path=" " cssclass="error"/></spring------------line4--------></form.form>
configuration file
=============================
<bean><!---assume rest of the configuration is written ---->
<bean id ='messagesource"
class= "org.springframework.context.support----------line5----------">
<property name ="basename" value="classpath.com/accenture/lkm/resources/message"/>
<property name "defaultencoding" value="UTF-8"/></bean></beans>
note:assume employeebean is coded and messages properties is already configured properly.
choose from below a valid option to complete the above code, in the order as it appears
	@ModelAttribute,@Valid,BindingResult,hasBindErrors,
	ReloadableResourceBundleMessage

refer the incomplete code given below:
private static void deleteMovie(){
restTemplate resttemplate = new RestTemple();
__Line1__(new ResponceErrorHandler(){
....
...
	restTemplate,setErrorHandler, public boolean hasError,
	public void handle error

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starter class
============
__line1__
pulic class Application{
        public static void main(string[] args)
                /*code given here*/
}
controller
=========
__line2__
public class employeeController
        {
	@SpringBootApplication,@RestController,
	@RequestMapping,TEXT_HTML_Value

Refer the incomplete code given below for a Spring REST based Application:
 	
@RestController
public class CstController {
 	
//Line-1
 public ResponseEntityslist<CstBean>>
 getDetails(@PathVariable("p1") double data)
 {
      List<CstBeans list - cstService Impl.getCstDetails(data);
      //Logic goes here....
      return new ResponseEntity<List<CstBean>>(list, HttpStatus.OK);
 }
}
 	
Assume application is deployed on port 8090 and following URL is hit to access the application using a web BROWSER".
URL: http://localhost:8090/App/cst/controller/getDetailsInRange/120
Choose from below a valid option to be placed at "Line-1" to complete the above code that Json response is returned in response to the request:	

What are the features to be possible that can be availed through the provisioning of Intellegent Automation using MyWizard DevOps	1- Easy to adapt 2- Highly Scalable 3- Looks Tremendous Buiness Value 4- Manual Healing

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Refer the incomplete code given below for Spring Security **CustomSecurityLoginPage.jsp** 1 <form name='loginForm' action="<c:url value='cstSecureLogin/' 2 User:<input type='text' name='uname' > <br/> 3 Password:<input type='password' name='pwd" > 4 <input name="submit" type="submit" value="submit" /> 5 </form> **Configuration in Spring security's <http> element** 1 <form-login 2 login-page="/____Line1_____" 3 login-processing-url="/____Line2______" 4 username-parameter="___Line3_____" 5 password-parameter="___Line4_____" 6 authentication-failure-url="/dispCstLogin.html?cst_Error=try Assume dispCstLogin.html is mapped to display the CustomSecurityLogin Page jsp us Choose from below a valid option in the order as it appears to complete the above co	dispCstLogin.html, cstSecureLogin,uname,pwd

Management APP:
On Page 1 Student will enter details. On clicking submit, details are displayed on Page2 which is review page
On clicking submit on Page 2 requests submitted to url /studentsConfirm to pay the Confirmed details on Page 3.
Asume details on Pages are stored in StudentBean object "stuobj"
Refer the incomplete code given below and help Jhon to complete this code:
 	
@Controller
____Line1___
public class StudentController
//Assume request handlers for the other requests are coded properly
@RequestMapping (value="/studentConfirm", method = RequestMethod.GET)
public ModelAndView confirmStudentDetails(__Line2___StudentBean studentBean)
//Code to get the studentBean object is written here
ModelAndView modelAndView = new ModelAndView();
modelAndView setViewName("ConfirmStudentDetails");
modelAndView.addObject("message", "Hi, Welcome" +
studentBean.getStudentName())
retum modelAndView
}
}
Choose from below a valid option, in the order as it appears to complete the above code"	

Spring does not store the data in ____ instead stores in ____. Choose from below valid option.	requestScope,SpringModel

Code not visible clearly: Assume that HTML code exists which submits a POST request validatedLogin.html with parameter name: uName and pwd Choose from below valid option in the order as it appears to complete above code	Choose the best option 1- RequestMethod.POST, @RequesParam("uName") , @RequestParam("pwd") 2- RequestMethod.GET, @Param("uName"), @Param("pwd") 3- RequestMethod.GET, @RequestMapping("userName"), @RequestMapping("password") 4- Request Method.POST, @RequestParam("userName"), @RequestParam("password")
In Spring Rest, which of the following triggers HttpMessageConverter to convert the Java to JSON, XML, other MIME type based on configuration? Choose most appropriate option.	@RequestBody
Which of the following statements is/are correct with respect to Spring MVC. 1. A Spring MVC application can have multiple child context. 2. Child context belongs to DispatcherServlet. Choose the most appropriate option.	Both (1) and (2)

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Jack is new to Spring MVC and wants to display home.jsp, when ever request for the home.html is placed. Help jack to complete code given below.
 	
Configuration file:
---------------- 	
<!_ Assume other configuration is done properly_>
<bean class="org.springframework.web.servlet.view.InternalResourceViewResolver">
    <property name="__Line1__">
        <value>/WEB-INF/jspViews/</value>
    <property name="__Line2__">
        <value>.jsp</value>
    </property>
</bean>
 	
Controller
----------- 	
@Controller
public class LoginController {
       @RequestMapping(value="/home.html", method = RequestMethod.GET)
    public ModelAndView getWelcomeMessage() {
        ModelAndView mv = new ModelAndView();
        mv.__Line3__;
        mv.__Line4__("obj","Welcome!! "):
        return mv;
    }
}
 	
home.jsp
---------- 	
<html>
    <h2>${obj}</h2>
 	
Continuation...........
	prefix, suffix, setViewName("home"), addObject

Which of the following is used to translate the logical view name to physical view name.	ViewResolver
In Spring Rest, which of the following triggers HttpMessageConverter to convert the request data in JSON to Java Object type? Choose most appropriate option.	@RequestBody

Mcq4

Refer the incomplete code given below
Controller
============
@Controller
public class EmployeeController {
 	
_______Line1____
        private EmployeeDAO employeeDao;
}
DAO Layer
=============
@Repository
public class EmployeeDAO {
 	
_______Line2_____
         private EntityManagerFactory entityManagerFactory;
}
Choose from below a valid option to complete the above code in the order as it appears.
	@Autowired,@ModelAttribute,
	@PersistanceContext,Items,$(designations)

Mcq4

Refer the incomplete code given below:
Controller
==========
@Controller
public class EmployeeController {
//Assume method to display the view and do model binding already exists
 	
@RequestMapping(value = "registration", method = RequestMethod.POST)
public ModelAndView register(__Line1_("employeeBean")_Line2_EmployeeBean
employeeBean, _Line3__result) {
ModelAndView modelAndView = new ModelAndView();
//Your code goes here
return modelAndView;
}
}
 	
View
======
<form:form method = "POST" modelAttribute = "employeeBean" action = "registration.html">
Employee Name : <form:input path = "name" /></br>
Password : <form:password path = "password" /></br>
<input type ="submit" value ="Register">
<spring: __Line4__name="employeeBean">
<h3>All Errors</h3>
<form:errors path="*"css Class="error"/>
</spring:__Line4__>
</form:form>
 	
Configuration file
===============
<beans>
 	
Continued..........
	@ModelAttribute, @Valid, BindingResult, hasBindErrors,
	ReloadableResourceBundleMessageSource

Choose from below the beans that are not ingerited from the spring mvc's parent context.	All bean are not inherited

Mcq4

Refer the incomplete code given below for a Spring REST based Application:
 	
@RestController
public class CstController {
 	
//Line-1
 public ResponseEntity<List<CstBean>>
getDetails(@PathVariable("p1")double data)
{
 List<CstBean> list = cstServiceImpl.getCstDetails(data);
//Logic goes here....
.
.
.
Assume application is deployed on port 8090 and following URL is hit to access the application "using a web BROWSER"
URL https://.....
Choose from below a valid option to be placed at "Line-1" to complete the above code so that Json response is returned in response to the request.
	@RequestMapping(value="cst/controller/getDetailsin Range/{p1}
	method=RequestMethod.GET,
	produces=MediaType.APPLICATION_JSON_VALUE)

It is required tp secure the Spring MVC based application using the following matrix by using Spring Security 4.x "/saveStudent**" - should be accessible to ADMIN . . Choose from below a valid option to complete the above code	<intercept-url pattern="/saveStudent**" access=ROLE_ADMIN <intercept-url pattern="/getStudentDetails**" access="ROLE_ADMIN ROLE_USER" />
Refer the below incomplete code for a Spring REST based application @RequestMapping(value="/students/updateStudent", method=_Line1_.PUT, consumes=_Line2_.APPLICATION_JSON_VALUE) . . } Choose from below a valid option, inthe order as it appears, to complete the above code	RequestMethod, MediaType, ResponseEntity, @RequestBody
Refer the incomplete code given below: @Controller public class CstController { . . Assume that a view exists that submits the Request for action "/registration" using Spring form's default request submission method. Choose from below a valid option in the order as is appears to complete above code:	@RequestMapping, RequestMethod.GET
Which of the following statement(s) is/are CORRECT with respect to Spring MVC? (i) In an application there can be more than one web context (ii) Web context belongs to whole application Choose the most appropriate option.	both(i)and(ii)
Spring does not store the data in______instead stores in ______ Choose from below a valid option	request scope, SpringModel

Mcq4

Which of the following statement(s) is/are CORRECT with respect to Spring MVC? (i) A Spring MVC application can have multiple child context (ii) Child context belongs to DispatcherServlet Choose the most appropriate option.	both(i)and(ii)
Which maven dependency is used to create a spring boot web application?	<dependency> <groupId>org.springframework.boot</groupId> <artifactId>spring-boot-starter-web</artifactId> </dependency>
myWizard DevOps is build on which tool?	Kubernetes

<--Assume other dependencies are configured-->
<dependency>
<groupid>__Line2__</artifactid><!--Dependency for web application-->
</dependency>
starter Class
=======
____Line3____
public class application{
        public static void main(string[] args){
/*code goes here*/
}
}
controller
============
____Line4______
public class Eemployeecontroller{
//code goes here
}
	A)server port,spring-boot-starter-web,@SpringBootApplication
	C)server port,spring-boot-starter-web,@springbootapp

The Http verb which is Idempotent ans safe is ___________________	Get
What is the correct syntax to generate a drop down box	All the above
A valid option representing the proper name of the default properties files in springboot (1) application properties (2) web.xml (3)application.xml	only(i)
Refer the below incompleted code for a spring rest based application @RequestMapping(value="/students/updatestudent" ,method=Line1____put, consumes=___line2___.APPLICATION_json_value)	RequuestMethod, MediaType, ResponsesEntity, @RequestBody
Which of the Following statement is/are CORRECT with respect to Spring MVC? (1)In an application there can be more than one web context (2) web context belongs to whole application	only(i)
refer the incomplete code given below Controller ========= @controller	
John is creating a custom beam validation for spring MVC application. He created an annotation and a validation class. Which has the actual validation logic .help john to complete the code	

Mcq4

Refer the incomplete code given below for the “spring Form”___<form.form__line1__”validateLogn.html”__ Line2__”loginBean”> <table><tr><td><table>Name</table><td>.. assume loginBean the Model Object username	
Choose from Below the beans that are not inherited from the springMVC’s parent context	BeanPostProcessors and BeanFactoryPostProcessors
Spring does not store the data in____ instead stores in___ choose from below a valid option	Request scope, SpringModel
Assumingly we are using Spring's Validation framework. In order to display a text field along with its error message(s), which of the following options will you use to accomplish this?	<form:input path="firstName" size="30"/> <font color="red"><form:errors path="firstName" /\></font>
A handler method annotated with @RequestMapping supports String as its return type. State True or False 1. TRUE 2. FALSE	TRUE
Refer to the following statements :- Statement 1 : A Command Class is called a FormBacking Bean. Statement 2 : This class also returns a ModelAndView Object. Choose the most appropriate option:- 1)Statement 1 is True and Statement 2 is False 2)Statement 2 is True and Statement 1 is False 3)Both the statements are True 4)Both the statements are False	Statement 1 is True and Statement 2 is False

Identify the right syntax to add data to
a ModelAndView object and send to the Controller.
Choose two most appropriate options.
ModelAndView mv = new ModelAndView();
mv.addObject("data",new SomeData());
new ModelAndView("data",new SomeData());
new ModelAndView(new SomeData(),"data");
	ModelAndView mv = new ModelAndView();
	mv.addObject("data",new SomeData());

The ___________ annotation is used to inject dataobjects before a jsp page loads in order to ensure that the jsppage has all the data required to display itself. Choose the most appropriate option: @ModelAttribute @Model @ModelMap @ModelData	@ModelAttribute

Assume the below code is written in a Controller class
1@modelAttribute("countryList");
2public List<string> populateCountry(){
List<string> myList=new ArrayList<string>();
myList.add("India");
myList.add("US");
return myList;
}
	<form:radiobuttons path="country" items="${countryList}" />

the _____annotation is used to inject data objects before a jsp page loads in oder to ensure that jsp page has all data required to display itself	@ModelAttribute
the ____ tag in sprng view page will help users view validation related errors	<form:errors>
Assumingly we are using Spring's Validation framework. In order to display a text field along with its error message(s), which of the following options will you use to accomplish this?	<form:input path="firstName" size="30"/> <font color="red"><form:errors path="firstName" /\></font>
the valid implementations of view resolver in spring MVC are:	option 1 and 2
in spring mvc the front controller uses handlerMapping implementaton to fgure out which controller class should process request.	option 1
consider the below code: <servlet> <servlet-name>myadmin </servlet-name> <servlet-class>org.sprngframework.web.servlet.DispatcherServlet</servlet-class> . . </servlet>	optionA:myadmin-servlet.xml
which spring mvc component maps logical view to actual view.	ViewResolver
indentify component of spring mvc	all of above
A handler method annotated with @RequestMapping supports String as its return type. State True or False 1. TRUE 2. FALSE	TRUE
Refer to the following statements :- Statement 1 : A Command Class is called a FormBacking Bean. Statement 2 : This class also returns a ModelAndView Object. Choose the most appropriate option:- 1)Statement 1 is True and Statement 2 is False 2)Statement 2 is True and Statement 1 is False 3)Both the statements are True 4)Both the statements are False	Statement 1 is True and Statement 2 is False

Identify the right syntax to add data to
 a ModelAndView object and send to the Controller.
Choose two most appropriate options.
ModelAndView mv = new ModelAndView();
mv.addObject("data",new SomeData());
new ModelAndView("data",new SomeData());
new ModelAndView(new SomeData(),"data");
	option 1 and 2

@ModelAttribute(countrylist")
public list<string>populatecountry(){
List<String>myList=new ArrayList<String>();
myList.add("india");
myList.add("Us");
return myLst
}
	<form:radiobuttons path="country" items="${countryList}" />

Mcq4

Refer the below incomplete code:
@RestController
public class StudentController {
@RequestMapping(value = "/deleteStudentById/{id}", method = RequestMethod.DELETE,
produces = MediaType.APPLICATION_JSON_VALUE)
public ___Line1___<StudentBean> deleteStudent(@PathVariable("id") int myId) {
if (studentService.getStudentDetailsById(myId) == null) {
StudentBean studentBean1= null;
return new ResponseEntity<StudentBean>(studentBean1,___Line2___);
}
StudentBean studentBean2= studentService.deleteStudent(myId);
return new ResponseEntity<StudentBean>(studentBean2, ___Line3___);
}
}
Choose from below a valid option, in the order as it appears, so that
it returns the status 200 when employee is deleted successfully
else it return 500, Assume service and DAO alreday implemented
	ResponseEntity,HttpStatus.INTERNAL_SERVER_ERROR,
	HttpStatus.OK

Refer the incomplete code given below to exclude the tomcat embedded container and include jetty pom.xml ------- <dependency> <groupId>org.springframework.boot</groupId> <artifactId>spring-boot-starter-web</artifactId> <!-- Excluding Tomcat --> <___Line1___> <___Line2___> <groupId>org.springframework.boot</groupId> <artifactId>spring-boot-starter-tomcat</artifactId> </___Line2___> </___Line1___> </dependency> <!-- Including Jetty --> <dependency> <groupId>org.springframework.boot</groupId> <artifactId>___Line3___</artifactId> </dependency> Choose from below a valid option to complete the above code, in the order as it appears.	exclusions,exclusion,spring-boot-starter-jetty

Refer the incomplete code given below for Spring MVC controller
___Line1___
public class GreetController {
___Line2___(___Line3___="/home")
public ModelAndView homePage(){
}
}
Choose from below a valid option, in the order as it appears, to complete the above code
	@Controller, @RequestMapping,value

Mcq4

Refer the below incomplete code of Spring MVC application:
BackEndController
------------------ 	
___Line1___
public class LoginController {
@RequestMapping(value= "/greet.html", method = RequestMethod.GET)
public ModelAndView getWelcomeMessage() {
ModelAndView mv = new ModelAndView();
mv.___Line2___("___Line3___");
mv.___Line4___("modelObj","Hi, Welcome!!")
return mv;
}
}
welcome.jsp:
---------- 	
<html>
<h2>___Line5___</h2>
</html>
Note: All the jsp pages are present under the web content and no view resolver is configured to render the jsp's.
Choose from below a valid option, in the order as it appears, so that welcome.jsp is renders and displays Hi, Welcome!!.
	@Controller,setViewName,welcome.jsp, addObject, ${modelObj}

Refer the below security data base schema: msd_users (username (P.K.),password ,enabled); msd_user_roles (user_role_id (P.K.), username (F.K. REFERENCES msd_users (username)),role); Refer the below incomplete security configuration <authentication-manager> <authentication-provider> <jdbc-user-service data-source-ref="___Line1___" users-by-username-query="___Line2___" authorities-by-username-query="___Line3___" /> </authentication-provider> </authentication-manager> Choose from below a valid option, in the order as it appears where the queries will retrieve the security credentails from the database schema. Assume security data source is already made available and resolved in the configuration file with name "securityDataSource".	securityDataSource, select username,password, enabled from msd_users where username=?, select username, role from msd_user_roles where username =?
Refer below the incomplete spring security configuration <http ___Line1___> <___Line2___ pattern="/GetDetails**" access="ROLE_MSD_ADMIN,ROLE_MSD_DBA,ROLE_MSD_USER" /> ___Line3____ </http> Choose from below a valid option, in the order as it appears, to complete the above code	use-expressions="false", intercept-url, <formlogin/>

Mcq4

Refer the incomplete code given below:
Controller
==========
@Controller
public class EmployeeController {
___Line1___
private EmployeeDAO employeeDAO;
//Assume required annotation already exists
public ModelAndView saveEmployee(___Line2___("employeeBean")___Line3___ EmployeeBean employeeBean,___Line4___ result) {
//Code to invoke the DAO addEmployee(employeeBean)
}
}
DAO Layer
=========
@Repository
//Assume required annotation already exists
public class EmployeeDAO{
___Line5___
private EntityManager entityManager;
//Assume addEmployee(EmployeeBean employeeBean) is already coded
}
View
====
<form:form modelAttribute="employeeBean" action="saveEmployee.html">
<!--Code goes here to enter the employee details-->
<input type="submit" value="Register"/>
<spring:___Line6___ name="employeeBean">
<h3>All Errors</h3>
<form:errors path="*" cssClass="error" />
</spring:___Line6___>
</form:form>
Note : Assume EmployeeBean,EmployeeEntity are coded, and messages.properties,configuration are configure
Choose from below a valid option to complete the above code, in the order as it appears.
	@Autowired,@ModelAttribute,
	@Valid,BindingResult,
	@PersistenceContext,hasBindErrors

Mcq4

Refer the incomplete code given below:
application.properties
================
#Assume other properties are configured
#Database url
_____Line1____= jdbc:mysql://localhost:3306/springbootdb
pom.xml
=======
<!--Assume other dependencies are configured-->
<dependency>
<groupId>org.springframework.boot</groupId>
<artifactId>___Line2___</artifactId><!-- Dependency for DB -->
</dependency>
DAO
===
___Line3___(domainClass=EmployeeEntity.class,idClass=Integer.class)
public interface EmployeeDAO{
@Query("select k from EmployeeEntity k where k.salary>=:salary")
List<EmployeeEntity> getAllEmployeesBySalary(___Line4___Double salary);
}
Controller
=======
@RestController
public class EmployeeController {
//Assume required DAO is injected by using appropriate annotation
@RequestMapping(value="getDetailsBySalary/{salary}",method=RequestMethod.GET,
produces=MediaType.APPLICATION_JSON_VALUE)
public ResponseEntity<List<EmployeeBean>> getEmployeeDetailsBySalary(___Line5_
__("salary")Double salary){
//Code to call dao.getAllEmployeesBySalary(salary) goes here
}
}
Assume the Starter Class is coded appropriately.
Choose from below a valid option to complete the above code, in the order as it appears.
	spring.datasource.url,spring-boot-starter-datajpa,
	@RepositoryDefinition,@Param,
	@PathVariable

In myWizard DevOps, the following practices are used such as 1. Continuous Integration 2. Continuous Delivery 3. Process Automation 4. Cloud These process usage leads with a focus on which of the following improvements?	Operational Improvements

Mcq4

It is required by Jack to fetch employee details, such that salary is greater than
and equal to certain value, and role of employee should be equal to certian value.
Refer the incomplete code given below and help Jack to complete the requirment:
application.properties
======================
#Assume other properties are configured properly
#Database url
_____Line1____= jdbc:mysql://localhost:3306/springbootdb
pom.xml
=======
<!--Assume other dependencies are configured-->
<dependency>
<groupId>org.springframework.boot</groupId>
<artifactId>___Line2___</artifactId><!-- Dependency for DB -->
</dependency>
DAO
===
___Line3___(domainClass=EmployeeEntity.class,idClass=Integer.class)
public interface EmployeeDAO{
List<EmployeeEntity> ___Line4___(Double salary,String role);
}
Controller
==========
@RestController
public class EmployeeController {
//Assume required DAO is injected by using appropriate annotation
@RequestMapping(value="emp/controller/getEmployeeDetailsBySalaryAndRole/{salary}--
{role}",method=RequestMethod.GET,produces=MediaType.APPLICATION_JSON_VALUE)
public ResponseEntity<List<EmployeeBean>> getEmployeeDetailsBySalaryAndRole(___Line5_
__("salary")Double
salary,___Line4___String role){
//Code to call dao method goes here
}
}
Assume the Starter Class is coded appropriately.
Choose from below a valid option to complete the above code, in the order as it appears.
	spring.datasource.url,spring-boot-starter-datajpa,
	@RepositoryDefinition,findBySalaryGreaterThanEqualAndRole,
	@PathVariable