|  |  |  |
| --- | --- | --- |
|  | Which method of the servlet will be called when a servlet is deployed/removed in a server? | **Destroy** |
|  | Which one of the following is not a legal declaration for top level classes or interfaces? | **abstract interface test{}** |
|  | Which of the following is true about include directive and include action? | Include directive includes the file at translation time whereas the include action includes the file at runtime |
|  | Which is the valid signature in an interface? | public void main(String s)  Boolean setFlag(Boolean [] test) |
|  | Using which Query API of Hibernate you can build nested, structured expressions in java providing a compile-time syntax checking? | Criteria |
|  | Consider the following piece of code?  class A  {  int x=0;  public A(int y)  {  x=y;  }  }  public class B extends A {  int x=0;  public B(int y)  {  x=y+1;  }  } | The code fails to compile because there is no default no-args constructor for class A. |
|  | Which of the following is a valid button type in HTML? | All the above |
|  | Which one of the methods below is defined by Map interface? | Remove |
|  | Given an HTTPServletRequest request and HttpServletResponse response, which options sets a cookie ‘username’ with the value ‘joe’ in a servlet? | response.addCookie(new Cookie( "username", "joe")) |
|  | Which statement is true about interfaces? | The keyword extends is used to specify that an interface inherits from another interface |
|  | Identify the correct property to set the server port number in the application properties file | server.port=2020 |
|  | Your web application named “FWorks” uses SpecialMath.class. This is an unbundled class and is not contained in any jar file. Where will you keep this class file? | FWorks/WEB-INF/classes |
|  | Given MyBean.java  public class MyBean {  public MyBean (int x) { }  }  and test.jsp  <jsp:useBean id="my" class="test.MyBean" scope="page"/>  Which of the following statements regarding the above code is correct ? | Will fail at compile time. |
|  | which method of session interface is used to update an already existing record in the database table? | Update |
|  | which of the following is not a core interface of hibernate? | Mapping Interface |
|  | when a ------ occurs, record changes applied to a table are undone? | Rollback |
|  | which one of the classes implement the interface sortedmap? | TreeMap |
|  | which one of the following allows the web server to store small pieces of data on the client that can be sent back to the server? | Cookie |
|  | Which of the following classes allow elements to be accessed in the order that they were added? | Linked Hash Map and Linked Hash set. |
|  | Here is an abstract method defined in the parent:  public abstract int sumUp ( int[] arr );  Which of the following is required in a non-abstract child? | public int sumUp (int[] arr){....} |
|  | Say that class Rodent has a child class Rat and another child class Mouse. Class Mouse has a child class PocketMouse. Examine the following  Rodent rod;  Rat rat = new Rat();  Mouse mos = new Mouse();  PocketMouse pkt = new PocketMouse();  Which one of the following will cause a compiler error? | pkt = rat; |
|  | Is Relational model parent child relationship is ? | One to Many |
|  | Which of the following statement is false about ResultSet? | ResultSet has a nextLine() method |
|  | In the below code, what is the value returned by the helloMethod() indicates?  @RequestMapping(“/hello”) | It is a String value representing logical view name |
|  | Which of the following SQL statements can be used to execute a precompiled SQL statements? | PreparedStatement |
|  | Order of the TreeSet follows | Ascending order |
|  | A……. efficiently provides access for storage, retrieval and updation of data in an organized manner | DBMS |
|  |  | HashMap |
|  | which annotation is used to find and register a class as spring bean? | @Component |
|  | What is true about Hibernate? | Is a persistence framework providing tools of ORM |
|  | Spring is a | J2EE application framework |
|  | JSP Scriptlet tags are defined within | <% %> tags. |
|  | what is abstract method in java? | In Java, an abstract method is a method declared without an implementation in an abstract class or an interface |
|  | <img src='lion.jpg' alt='Lion'/> | The alt attribute provides alternative text for the image |
|  | Type-1 driver in java | JDBC-ODBC bridge |
|  | Java class which allow elements to be accessed in the order that they were added? | LinkedHashMap |
|  | Output:  String[]a= {"siva",”muthu”};  System.out.println(a.length); | 2 |
|  | Output:  int[] a= {1,2,3,4,5};  for(int counter:a)  {  System.out.println(counter++);  }  } | 1 2 3 4 5 |
|  | @RequestMapping("/print")  public ModelAndView printName() {  String nameValue="Mr.HappyMan";  ModelAndView mv=new ModelAndView("FirstPage", "displayName", namevalue);  return mv;  } |  |
|  | Which of the following is legal JSP syntax to print the value of i? | <%int i = 1;%>  <%= i; %> |
|  | WHich annotation is use for defining the command object that will be used as a container for the form data that is coming into the controller from a request? | @ModelAttribute |
|  | To perform dependency ininjection using @Autowired that bean class must be annotated with ..... Annotation | @Component |
|  | Which class/interface would one prefer for storing elements given the condition that searching a priority and a unique key key field is available in java? | TreeMap |
|  | Which of the following is an interface in the COllection framework? HashMAp, SortedMap, TreeMap, LinkedHashMap | SortedMap |
|  | Maximum number of primary key in a table is | 1 |
|  | In HTML by default the table tag comes with a border? Say True or False | False |
|  | Method to get the data using HTTPServlet | getParameter |
|  | TreeSet order in java | Ascending Order |
|  | What is the default name of the hibernate configuration file? | hibernate.cfg.xml |
|  | Is @Table annotation is not used , hibernate will use the class name as table name by default? | True |
|  | It is not mandatory to use @ENtity annotation for a bean? True or False | False |
|  | You need to send large amount of binary data from the browser to a servlet to be processed. Say, you want to attach a file which sending email through web based system. What HTTP method would you use? | HTTP POST method |
|  | ..... is a collection of logically related data at one place ? Database, Data, DBMS ? | Database |
|  | The bytecode for a particular Java program will be same for different platforms | True |
|  | If customer has multiple addresses then address column of the table customer can be changed to |  |
|  | To send any html output from the servlet the following method of the HTTPResponse object is called? | response.setContentType("text/html"); |
|  | Which are the implementations of Collections are threadSafe? | HashTable and Vector |
|  | While creating a Spring MVC maven prohject in Eclipse what arcteype should be selected? | maven-archetype-webapp" archetype |
|  | which one of the statement is true with respect to map in java? key and values must be values or objects? |  |
|  | The ref attribute is used to refer to another bean definition's id? True or false | False |
|  | identify the function of j2se application programming interface? Compiles source code to a java class file, create applets , translates bytecodes into machine code |  |
|  | Spring CML configuration file for enabling auto scanning of components |  |
|  | java.sql classes in java |  |
|  | Object a1=new ArrayList();  Object a2=new HashSet();  Object a3=new HashMap();  System.out.println(a3 instanceof Collection);  //+ " "+a2 instanceof Collection+ "" +a3 instanceof Collection); | **True true false** |
|  | HashMap j=new HashMap();  hm.put("a","aa");  hm.put(null,null);  hm.put(null,"bbb"); |  |
|  | class Abb  {  public int aa()  {    }  }  public class Abstract extends Abb{  public static void main(String[] args) {  Abstract a1=new Abstract();  long x=a1.aa();  }  public long aa() // Compilation Error due to overriding  {    }  } | Compilation Error due to overriding |
|  | abstract class Abb  {  abstract float getFloat();  }  public class Abstract extends Abb{    private float f1=1.0f;  private float getFloat() // Visibility Problem  {  return f1;  }  public static void main(String[] args) {  // TODO Auto-generated method stub  }  } | Compilation Error due to visibility problem |
|  | In a web application where are third party jars placed? | WEB-INF/lib |
|  | WHich of the following is used to execute stored procedure form a JDBC program in Java? | Callable Interface |
|  | In which directory of a web application are the server side class file kept?  WEB-INF,  WEB-INF/Classes | WEB-INF/classes |
|  | THe class "ClassPathResource" implements which of the following interface? ClassPath , Resource, BeanFactory, APplicationCOntent | Resource |
|  | The first statement of every constructor is a legal call to the super() it this() method in java ? True or False | False. The statement "The first statement of every constructor is a legal call to the super() or this() method in Java" is not accurate. |
|  | Syntax for importing multiple packages in JSP | <%@ page import="javax.servlet.\*, javax.servlet.http.\*" %> |
|  | WHich of the following is one of the argument of doGet () method of HttpServlet?  HttpServletRequest, request, response, ServletRequest | HttpServletRequest |
|  | Array initialization in java? Valid | int[] intArray = {1, 2, 3, 4, 5}; |
|  | HashMap in java follows orders? | HashMap class does not guarantee any specific order of the elements. |
|  | Spring Framework module – Types  Spring Core, Spring IOP, Spring Web MVC, Spring EJB | Spring EJB |
|  | Bold and Undefined in HTML tag | <b> <u>underlined</u></b> |
|  | The try{} block can contain loops or branches in java? True or False | True |
|  | If a column is foreign key in one table then it should be ?  Primary key in another table, Candidate key in another table, Unique key in another table, All of these | All of these |
|  | The buildSessionFactory() method is used to obtain a Hibernate SessionFactory object. Syntax  SessionFactory sessionFactory = new Configuration().configure().buildSessionFactory(); | Configuration().configure().b….. |
|  | All primary keys should be candidate keys? True or False | True |
|  | Which of the following annotation is used in Spring MVC to indicate the classes at the persistant layer which will act as a database repository?  @Component, @Service, @Repository, @RequestMapping | @Repository |
|  | What is the return datatype of findAll method in CrudRepository? | Interable |