

				<pre> class.forName("com.mysql.jdbc.Driver").newInstance(); Connection con = DriverManager.getConnection("jdbc:mysql://localhost:3306/init", "root", "init"); Statement stmt = (Statement) con.createStatement(); query = "SELECT username, password FROM user"; stmt.executeQuery(query); ResultSet rs = stmt.getResultSet(); while(rs.next()){ dbUsername = rs.getString("username"); dbPassword = rs.getString("password"); if(dbUsername == username && dbPassword == password){ System.out.println("OK"); login = true; } System.out.println(username + " password = " + dbUsername + dbPassword); } </pre>
73	Project	architecture	How is login validation done? How do you compare the strings entered in login and database (explain in layman's concepts)	
74	Core Java	Basics	explain anomalies	
75	Project	Database	Why h2 Database?	The main advantage of a client-server architecture over the file-database architecture is that it is possible for multiple users to share the same database at the same time. It is also possible to connect to your database via a network, without the need to create a file share.
76	Adv Java	hibernate	why hibernate	Hibernate is Object Relational model tool that is used to persistence object into database. Hibernate provide Collection, inheritance and PQOs for independent commands. Provide Annotation.
77	Over All	DevOps	what is dev ops	Dev ops is a tool that is used to provide an environment to build test, and releasing software can rapidly and frequently. Configure and Monitor application
78	Over All	DevOps	where do u use dev ops?	<p>The benefits ---</p> <p>Improved deploy frequency which can lead to faster time to market</p> <p>Lower failure rate</p> <p>Shortened lead time</p> <p>Faster mean time to recovery</p> <p>You can use different version's of eclipse by simply extracting the files from the compressed folder which we can download from the internet. We can have multiple versions of eclipse on the same machine.</p> <p>We can upgrade to a newer release of Eclipse from an older release, there are simple steps to follow to migrate your workspace to the new release. Your workspace is the directory on disk that contains all of your project files, as well as meta-data such as preferences you may have customized.</p> <p>Both are IDE's (Integrated Development Environment) and open source.</p> <p>Eclipse is a very flexible requires no installation only extracting of files from compressed files. NetBeans: User-friendly, little configuration but not very flexible. It requires installation via an installer.</p>
79	Eclipse	General	What will happen if we use different version's? Is there any common method to implement the latest version?	Tomcat is basically a web container which is a component of a web server that interacts with Java services. A web container is responsible for managing the lifecycle of servlets, mapping a URL to a particular service and ensuring that the URL requester has the correct access rights. There are others open source and commercial containers available to work with. We can also use Jetty which is provided by Eclipse Foundation .JBoss Application Server by Redhat Inc. For example to work with Jetty follow the below steps to install it: Installing Jetty Eclipse Plugin(when you add a server to the Servers view, you will not see an option for Jetty as you will first for Tomcat, JBoss, Apache, etc. First you need to install a plugin. Go to Eclipse -> Install new Software menu. Click on add and type jetty for Name and http://m-jetty-eclipse.googlecode.com/svn/trunk/updateSite for Location. Select the Jetty plugin to install. Click on Next and follow the installation.
80	Eclipse	General	Why to use eclipse and not netbeans?	
81	Eclipse	General	Can we use different servers instead of Tomcat? and if we use will we need to implement different configuration? How?	<p><i>Debugging allows you to run a program interactively while watching the source code and the variables during the execution. By adding breakpoints in the source code you specify where the execution of the program should stop. To stop the execution only if a field is read or modified, you can specify watchpoints. Breakpoints and watchpoints can be summarized as stop points. Once the program is stopped you can investigate variables, change their content, etc. Eclipse allows you to start a Java program in debug mode. Eclipse has a special Debug perspective which gives you a preconfigured set of views. In this perspective you control the execution process of your program and can investigate the state of the variables.</i></p>
82	Eclipse	Others	How to debug the project?	<p>To do unit testing we have to use the testing framework specific to that language. One of such framework is JUnit to do unit testing.</p> <p>Unit tests are implemented as classes with test methods. Each test method usually tests a single method of the target class. Sometimes, a test method can test more than one method in the target class, and sometimes, if the method to test is big, you split the test into multiple test methods.</p> <p>For example:</p> <pre> public class MyUnit { public String concatenate(String one, String two){ return one + " two"; } } import org.junit.Test; import static org.junit.Assert.*; public class MyUnitTest { @Test public void testConcatenate() { MyUnit myUnit = new MyUnit(); String result = myUnit.concatenate("one", "two"); assertEquals("concat", result); } } </pre>
83	Java	Testing	How to do unit testing?	We can use the different collection classes as well to store data because Java new generic collection allows you to have only one type of object in collection. Now it is type safe so typecasting is not required at run time.
84	Java	Collections	Why we need to use arraylist only to store data?	<p>ArrayList is generic in nature it can give it also a addition to it random access is possible with duplicate elements stored inside it and it also maintains the order of insertion.</p> <p>ArrayList<String> arr = new ArrayList<String>(); //creating new generic ArrayList.</p> <p>Now ArrayList is forced to have only specified type of objects in it. If you try to add another type of object, it gives compile time error.</p>
85	Maven	General	How to build maven project?	The vast majority of Maven-built projects can be built with the following command: <code>mvn clean install</code>
86	Maven	General	How do i get all dependency for maven?	If you have a pom.xml created with all your project dependencies specified, all you would need to do is update your maven project to get all the dependencies to a local maven repository.
87	Maven	General	Why in maven project the project structure is reflecting two levels of folders?	<p>Having a common directory layout would allow for users familiar with one Maven project to immediately feel at home in another Maven project. The advantages are analogous to adopting a file-wide look and feel.</p> <p>There are just two subdirectories of this structure: <code>src</code> and <code>target</code>.</p> <p>The <code>src</code> directory contains all of the source material for building the project. Its site and so on. It contains a subdirectory for each type: <code>main</code> for the main build artifact, <code>test</code> for the unit test code and resources, <code>site</code> and so on. Within artifact-producing source directories (<code>src</code>, <code>main</code> and <code>test</code>), there is one directory for the language <code>java</code> (under which the normal package hierarchy exists), and one for resources (the structure which is copied to the target classpath given the default resource definition).</p>
88	Maven	General	Do i need any additional jar files?	If we are using Maven project there is no need for any additional jar files. Any dependencies can be added through the pom.xml file.
89	Maven	General	How i define dependency in pom.xml?	<p>To define a dependency in pom.xml use the <dependency> element containing the child elements as shown below:</p> <pre> <dependency> <groupId>{group-id}</groupId> <artifactId>{artifact-id}</artifactId> <version>{version}</version> <scope>{scope}</scope> <!-- scope can be compile (default), provided, test, system, runtime --> <dependency> </pre>
90	Bootstrap	General	What is landing page technically?	<p>Technically speaking a landing page is any page that a visitor to a website arrives on. Historically, that was usually the homepage if the visitor found you through a web search, or occasionally a specific page if they were searching for something in particular. However, social media and digital marketing have radically altered the concept of a landing page.</p> <p>Landing pages typically are single serving bits of content that tell a story to persuade visitors to complete an objective. Landing pages are used for product launches, sales announcements and contests, among many other uses.</p> <p>Outside of a digital marketing context, many people refer to landing pages with their traditional meaning — the page that a visitor lands on at your site.</p>
91	Javascript	JSON	What is JSON?	JSON (JavaScript Object Notation) is a lightweight data-interchange format. It is easy for humans to read and write. It is easy for machines to parse and generate. It is based on a subset of the JavaScript Programming Language. A simple JSON file example can be
92	Javascript	Others	How i decide which script is good to use?	Based on the project we can decide which one to use. For client side Javascript is the preferred choice as it's been used since long and is supported by all the major browsers.
93	Angular JS	JSON	How to add data in JSON using angular js?	For this we have to create a Javascript object and then angular js does the conversion of javascript object to JSON using internal service and then send it to the web service.
94	Angular JS	General	What's the use of using angular JS over javascript?	JavaScript is a client side scripting language whereas Angular JS is a MVC framework written using Javascript language. Angular JS does lot of the ground work for us and we can use many of the inbuilt services of angular js to fetch data from web api and provide it to the view.
95	Angular JS	Filters	How to sort data using angular JS?	The example below demonstrates a simple <code>ngRepeat</code> , where the data is sorted by age in descending order (expression is set to 'age'). The comparator is not set, which means it defaults to the built-in comparator.

96	Angular JS	General	Why need to use angular JS?	Same as Q.10
97	Angular JS	General	What is the requirement of Angular js if things can be done by jsp expression language?	If we are using JSP expression language or <JSTL> tags then we have to work on the server side where the JSP page will be translated into java code and then we will have the entire life cycle of JSP pages. Using Angular JS we can work on the client side and data can be fetched from a web app that takes the load away from server side which leads to ultimately serving more user of the website.
98	Angular JS	General	Why do we use Angular JS when everything can be done by jst tags?	Same as Q.10
99	Program Details	General	Do i need to learn all query language to become java developer?	If one has to become a Java developer then one must know the basic fundamentals of Java programming language and various syntax of it. We can start by learning what are the different tokens available in Java language. Query language is used to work with databases.
100	Program Details	General	What if my project gets crashed after i do many days work?	Upload your project daily on Github so that you can always have a copy of your project on a server along with a local copy on your machine. You can also use Bitbucket as an alternative.
101	Program Details	Testing	Being developer do i need to do testing?	Having knowledge of different testing technologies is beneficial. Usually a developer knows what is the functionality of the code so it could be tested against it.
102	Program Details	Testing	Which testing technology to use?	While coding, the programmer performs some tests on that unit of program to know if it is error free. Testing is performed under white-box testing approach.
103	Program Details	Testing	What happens if i don't do testing at early stage of development?	Every functionality that is added inside the project must be tested for its functionality if not tested it will propagate in the rest of the project ultimately leading in more time to debug the real problem.
104	Spring MVC	General	Where to put dispatcher servlet in my project structure?	It should be in the WEB-INF directory.
105	Spring MVC	General	How to make control move from web.xml to dispatcher servlet?	In the web.xml we use the <servlet>-and- <servlet-mappings> element to pass the control to the front controller (i.e. DispatcherServlet) which has access to all the supporting controllers that will help to fulfil the request.
106	Spring MVC	General	Where do i get all stuff related xml coding in dispatcher servlet and web.xml?	For this one can refer to the spring documentation website where both the XML and Java configuration is given.
107	Spring MVC	Debugging	How to debug if i get exception using spring MVC?	Go to the console and read the error or using logger functionality log the error in the log files.
108	Spring MVC	General	How to integrate UI using spring MVC?	We are going to use the @Controller and @RequestMapping annotation so based on the URL, the controller provides the different UI to fulfil the request we can return a ModelAndView object or we can directly return thing which is usually the location of JSP file.
109	Spring MVC	General	How to decide i need one controller or many controllers?	It's always a good practice to modularize the code so if i am working on an administrative part usually we should create an admin controller so that we can easily find the request handler which is related to admin functionality. Similarly for static pages we can have a page controller.
110	Spring MVC	Configuration	How to use spring annotations in mapping function?	To map a url to a specific function use the @RequestMapping(Sring) annotation. We can also use the optional value, method, headers, consumes etc attribute.
111	Spring MVC	General	How dispatcher understands which function to call? Based on mapping?	The DispatcherServlet which is our FrontController knows about all the supporting controller that consists of various mapping for url. So based on the url the respective function is called.
112	Spring MVC	Tags	What is the difference between spring taglib and core?	JSP Standard Tag Library (JSTL) is the standard tag library that provides tags to control the JSP page behavior, iteration and control statements, internationalisation tags, and SQL tags. This tag library is also part of spring framework. It has few general purpose tags you can use to bind bean properties to your html elements (use spring form tag library use instead of the bind tag), tag for form escaping, etc. Spring provides a comprehensive set of data binding-aware tags for handling form elements when using JSP and Spring Web MVC. Each tag provides support for the set of attributes of its corresponding HTML tag counterpart, making the tags familiar and intuitive to use. The tag generates HTML as HTML 4.01/ XHTML 1.0 compliant. Unlike other form/input tag libraries, Spring's form tag library is integrated with Spring Web MVC, giving the tags access to the command object and reference data your controller deals with. You can find more information about these tags @
113	Spring MVC	Configuration	Where do i get all xml declaration using in spring?	For this we can always refer to the spring documentation where both XML and Java configuration is given. http://docs.spring.io/spring/docs/current/spring-framework-reference/htmlsingle/
114	Spring MVC	General	Which version spring mvc xsd to use?	It will always use the latest version if we are not specifying the version number for the xsd <pre> <beans xmlns="http://www.springframework.org/schemas/beans" xmlns:context="http://www.springframework.org/schema/context" xmlns:xsi="http://www.w3.org/2001/XMLSchema-instance" xmlns:mvc="http://www.springframework.org/schema/mvc" xmlns:tx="http://www.springframework.org/schema/tx" xmlns:webflow="http://www.springframework.org/schema/webflow-config" xsi:schemaLocation="http://www.springframework.org/schema/webflow-config http://www.springframework.org/schema/webflow-config/spring-webflow-config-2.4.xsd http://www.springframework.org/schema/mvc http://www.springframework.org/schemas/spring-mvc.xsd http://www.springframework.org/schemas/beans http://www.springframework.org/schemas/spring-beans.xsd http://www.springframework.org/schema/context http://www.springframework.org/schemas/context-spring-context.xsd http://www.springframework.org/schemas/tx http://www.springframework.org/schemas/tx-spring-tx.xsd"> </pre>
115	Spring MVC	General	What is the use of context in spring?	context is used to provide configuration related information for the spring application.
116	Spring MVC	General	Why need to use mvc driven?	In MVC pattern Model - represents the data needed by the view to display View - the interface provided to user for interaction along with data passed by the controller via model. Controller - The controller job is to provide an appropriate view along with the model based on the user request. In the project the request is intercepted by the FrontController that is the DispatcherServlet which knows about a set of controllers and based on the mapping respective request handler function is invoked that provides the view along with the model for the request. +
117	Spring MVC	Configuration	Why to define default servlet?	A default servlet in spring mvc is the DispatcherServlet which is FrontController through which all the request passes unless some filter is applied.
118	Spring MVC	Configuration	Why need to define resources"" in dispatcher servlet?	Same as Q.46
119	Spring MVC	Configuration	Why not to use complete package name in controller?	Using component scanning with <context:component-scan base-package>com.mycompany.mypackagename> > is telling spring that it should search the class path for all the classes under com.mycompany.mypackagename and look at each class to see if it has a @Controller, or @Repository, or @Service, or @Component and if it does then Spring will register the class with the bean factory as if you had typed <bean class="" /> in the xml configuration files. Thus using package is a good way of arranging your annotated classes.
120	Spring MVC	Configuration	Do i need to create resources folder only?	You can create another folder but for working with static resources we have to do proper configuration using XML or Java Configuration. <pre> <resources mappings">"" location="" directory="" /> </> <@Override public void addResourceHandlers(ResourceHandlerRegistry registry) { registry .addResourceHandler("/{**}") .addResourceLocations("/resources/"); } </pre>
121	Spring MVC	Configuration	Why to give prefix and suffix in bean?	For resolving the view
122	Spring MVC	Configuration	What is bean and beans in spring?	<beans> is the root element and <bean> is an element which usually refers to a component that is a java class.
123	Spring MVC	Configuration	What happens if i write with out bean tag? Or do i need to write all code in bean tag only?	Then it won't be treated as a bean component and we cannot inject it as an object to use in different components.
124	Spring MVC	Configuration	Where i put all my images etc? In web-inf or web app?	So if you have your DispatcherServlet configured in a REST like URL pattern such as / then images file would go under <main>webapp/resources To do this: 1. Make sure that in your servlet context.xml you have as follows: <pre> <resources mappings">"" location="" resources="" /> </pre> 2. Create a folder if does not already exist under webapp called resources 3. Place your images folder along with images files there 4. Reference my css file as follows: <pre> ""request.getContextPath()+""resources/images/fileName.ext""> </pre>
125	Spring MVC	General	Can i give same mapping name for all function in my controller?	No we cannot give same mapping name to different functions of controller but we can assign multiple mappings to same function using the value attribute of @RequestMapping. For example, <pre> @RequestMapping (value = {"/", "/home", "/index"}) </pre>
126	Spring MVC	Database	How do i integrate H2 data base with spring MVC?	For this we have to add dependency for Hibernate and H2. Then using hibernate properties we are going to set the driver, username, password and dialect for H2 database. Benefits of using Spring Framework Works on POJOs. Hence easier for dependency injection / injection of test data. With the Dependency Injection(DI) approach, dependencies are explicit and evident in constructor or javaBean properties. Enhances modularity. Provides more reusable codes. Provides loose coupling between different modules. Effective in organizing the middle tier applications. Flexible use of Dependency Injection. Can be configured by XML based schema or annotation-based style. Supports declarative transaction, caching, validation and formatting.
127	Spring MVC	General	What is the advantage of spring framework?	
128	Spring MVC	General	What is the use of DispatcherServlet?	DispatcherServlet is the FrontController which knows about all the supporting controller that has mapping based on which the request is fulfilled.

129	Spring MVC	General	Where I need to put my controller in my project structure?	If we are creating a maven project it should be within the src-main-java directory. Usually we should create a package for keeping all our controllers. Typically if we are creating any class in java it should be inside a directory which is in the build path.
130	Spring MVC	General	What happens if I don't use package to put my controller?	We have to store the file in the java folder of maven project which makes every class available in the build path. If we don't use packages then it becomes difficult to manage all the classes that we create in our project. Then we have to use the XML file configuration to mark every property that requires reference to other class objects. Using component scanning with <context:component-scan base-package="com.mycompany.mavenwebapp"/> is telling spring that it should search the class path for all the classes under com.mycompany.mavenwebapp and look at each class to see if it has a @Controller, or @Repository, or @Service, or @Component and if it does then Spring will register the class with the bean factory as you had typed <bean class=""> in the xml configuration files. Thus using package is a good way of arranging your annotated classes.
131	ZEIE	General	What is the difference between webapp and web-inf?	webapp is the root directory in which all the other directory related to the web applications are stored. WEB-INF which also resides in the webapp directory contains the deployment descriptor file related to the web application through which configuration is applied for the entire web application.
132	ZEIE	General	Why web.xml is in web-inf only? Why not in web app?	This is the deployment descriptor. It is not accessible by Web clients; it is used only by the server itself.
133	ZEIE	JSON	How do I fetch data from JSON?	using @ResponseBody annotation and faster jackson annotation
134	ZEIE	JSON	What is GSON ?	Gson (also known as Google Gson) is an open source Java library to serialize and deserialize Java objects to (and from) JSON.
135	ZEIE	JSON	Why I need to parse data using GSON object?	Gson is a Java library that can be used to convert Java Objects into their JSON representation. It can also be used to convert a JSON string to an equivalent Java object.
136	ZEIE	JSON	Why we need to store data in JSON?	for passing data between two technologies
137	ZEIE	JSON	How to create DAO?	Create DAO : 1. create interface containing CRUD methods 2 implements this interface and mark it with @Repository annotation
138	ZEIE	DAO	How to fetch data from the DAO to controller?	1. Use @Autowired annotation to inject object of DAO class within the controller. Use this object methods to fetch the data and add it to the model which the controller passes to the view.
139	ZEIE	DAO	How to get from DAO controller to jsp page?	by using @Autowired annotation
140	ZEIE	JSTL	Why need to use taglib?	The taglib directive declares that your JSP page uses a set of custom tags, identifies the location of the file library, and provides a means for identifying the custom tags in your JSP page. for core : <%@ taglib prefix="c" uri="http://java.sun.com/jsp/core" %> for spring : <%@ taglib uri="http://www.springframework.org/tags" prefix="spring" %> <%@ taglib uri="http://www.springframework.org/tagform" prefix="form" %> <%@ taglib uri="http://www.springframework.org/security/tags" prefix="sec" %>
141	ZEIE	JSTL	Which taglib to use core or spring?	The JSP Standard Tag Library (JSTL) represents a set of tags to simplify the JSP development. Fast Development - JSTL provides many tags that simplifies the JSP Code Reusability. We can use the JSTL tags in various pages.No need to use scriptlet tag. It avoids the use of scriptlet tag.
142	ZEIE	JSTL	Why do we use JSTL. If it can be done by directly binding with mvc?	The JSP Standard Tag Library (JSTL) represents a set of tags to simplify the JSP development. Fast Development - JSTL provides many tags that simplifies the JSP Code Reusability. We can use the JSTL tags in various pages.No need to use scriptlet tag. It avoids the use of scriptlet tag.
143	ZEIE	JSTL	How to know the version no of JSTL?	To find out latest version of JSTL, use this website - https://all.java.net
144	Database	General	Which database to use?	It is based on project requirement. For small application use MySQL or PostgreSQL would be a good choice. If fast access time is a requirement with horizontal scalability, you're probably better off with a NoSQL solution. It is choice based on following factors Who are you and what do you do? What is your end goal - what are you working to achieve? How much data do you intend to store? On what language and OS platform do your applications run? What is your budget? Will you also require data warehousing, decision support systems and/or BI?
145	Database	General	How do I judge which database to choose ?	It is choice based on following factors Who are you and what do you do? What is your end goal - what are you working to achieve? How much data do you intend to store? On what language and OS platform do your applications run? What is your budget? Will you also require data warehousing, decision support systems and/or BI?
146	Database	General	How do I get database in project?	We configure/connect database with project using java configuration or web.xml configuration file
147	Database	General	How do I secure database ?	using Access Control, Auditing, Authentication, Encryption, Integrity Controls, Backups, Application security, Database Security applying Statistical Method.
148	Database	General	Will client provide database to us?	It depends on the project and client which database they would prefer based on the nature of the project.
149	Database	General	Do I need to operate on database provided by client or use some dummy database?	We can use dummy database in development stage after that we can use database provided by client in testing stage.
150	Database	H2	Why only H2 database?	H2 Databases for the following reason in development: Very fast, open source, JDBC API, Embedded and server modes, in-memory databases , Browser based Console application, Small footprint: around 1.5 MB jar file size.
151	Database	H2	Is H2 database is same using query to process?	We can use all the SQL query that we can use with other database processing system.
152	Database	H2	Is H2 an ORM ?	No, Object-relational mapping (ORM) in computer science is a programming technique for converting data between incompatible type systems in object-oriented programming languages. So we use Hibernate for ORM to convert data from database systems to Java objects.
153	Database	H2	How to configure H2 in my project using hibernate?	There are 2 ways using java configuration or web.xml configuration file. In xml configuration file we use <properties> tag with driver,url,user and password property. Maven can be considered as a complete project development tool.It is based on the concept of a project object model (POM). Maven can manage a project's build, reporting and documentation from a central piece of information. Maven, a Yiddish word meaning accumulator of knowledge, was originally started as an attempt to simplify the build processes in the Jakarta Turbine project. There were several projects each with their own Ant build files that were all slightly different and JARs were checked into CVS. We wanted a standard way to build the projects, a clear definition of what the project consisted of, an easy way to publish project information and a way to share JARs across several projects. The result is a tool that can now be used for building and managing any Java-based project. Maven's Objectives Maven's primary goal is to allow a developer to comprehend the complete state of a development effort in the shortest period of time. In order to attain this goal there are several areas of concern that Maven attempts to deal with: Making the build process easy Providing a uniform build system Providing quality project information Providing guidelines for best practices development Allowing transparent migration to new features Benefits quick project setup, no complicated build.xml files, just a POM and go all developers in a project use the same jar dependencies due to centralized POM. getting a number of reports and metrics for a project "for free" reduce the size of source distributions, because jars can be pulled from a central location a lot of goals are available so it isn't necessary to develop some specific build process contrary to Ant we can reuse existing Ant tasks in build process with atomic plugins Promotes modular design of code, by making it simple to manage multiple projects it allows the design to be laid out into multiple logical parts, weaving these parts together through the use of dependency Tracking in pom files. Enforces modular design of code. It is easy to pay lip service to modular code, but when the code is in separate compiling projects it is impossible to cross-pollinate references between modules of code unless you specifically allow for it in your dependency management...there is no "YI" just do this now and fix it later" implementations. Dependency Management is clearly declared, with the dependency management mechanism you have to try to screw up your jar versioning. There is none of the classic problem of "which version of this vendor jar is this?" And setting it up on an existing project rips the top off of the existing mess if it exists when you are forced to make "unknown" versions in your repository to get things up and running...that or to be yourself that you know the actual version of ABC jar strong typed life cycle there is a strong defined lifecycle that a software system goes thru from the initiation of a build to the end...and the users are allowed to mix and match their system to the lifecycle instead of cobble together their own lifecycle. This has the additional benefit of allowing people to move from one project to another and speak using the same vocabulary in terms of software building Yes NetBeans do have Maven project and its Arch types Ref to Link 1 Try a small project without Maven and with Maven. Ref Link 2
154	Maven installation	Why Maven projects? We do not require such thing in Netbeans		Try a small project without Maven and with Maven. Ref Link 2

				<p>Ideally, the aspect of the application that requires the most amount of work should start first.</p> <p>In this scenario, I'd focus on UI mods as a primary focus. The customer has expressed concern over supporting a diverse end user group, especially those with visual impediments, and distributing the system across cultural lines. Thus, while having a functional and capable system will be critical, the importance of having an interface that will allow users to easily accomplish work takes precedent.</p> <p>This scenario would have me focusing on the system logic. The customer has requested a system with complex business interactions. I will store large amounts of complex data structures. Thus initial work discovering and implementing the business logic with data source storage will lead to a successful project. There are various approaches of software development like Top down, Bottom up, logic first, Horizontal expansion etc.,</p> <p>We prefer Horizontal expansion which is like Start by identifying the absolute minimum amount of functionality that would do something interesting, and implement the whole stack (data structures, logic, and UI) for this part. It could be just a basic CRUD cycle with a simple edit dialog for just one entity. Then start adding more features, implementing the whole stack for each feature (hence Horizontal).</p> <p>Horizontal expansion goes well with an iterative workflow, and it has the added advantage that, if you prioritize well, you will have a working application at any given time, so if you don't make a deadline, you will have a version that has fewer features, but is still fully functional, as opposed to a version that has a complete database, but no UI at all. So which one you choose depends on your project circumstances.</p>
179	Database		what to code first UI or Business or Database?	
180	Program Details		how to decide how data flows between many modules in project	<p>Data flow diagram is graphical representation of flow of data in an information system. It is capable of depicting incoming data flow, outgoing data flow and stored data. The DFD does not mention anything about how data flows through the system.</p> <p>There is a prominent difference between DFD and Flowchart. The flowchart depicts flow of control in program modules. DFDs depict flow of data in the system at various levels.</p> <p>Before DFD we need to analyze the various entities, process involved, data and its flow.</p>
181	Others		do we need some analysis for data flow diagram?	<p>Entities - Entities are source and destination of information data. Entities are represented by a rectangles with their respective names.</p> <p>Process - Activities and action taken on the data are represented by Circle or Round-edged rectangles.</p> <p>Data Storage - There are two variants of data storage - It can either be represented as a rectangle with absence of both smaller sides or as an open-sided rectangle with only one side missing.</p> <p>Data Flow - Movement of data is shown by pointed arrows. Data movement is shown from the base of arrow as its source towards head of the arrow as destination.</p> <p>Data Flow Diagrams are either Logical or Physical.</p> <p>Logical DFD - This type of DFD concentrates on the system process, and flow of data in the system. For example in a Banking software system, how data is moved between different entities.</p> <p>Physical DFD - This type of DFD shows how the data flow is actually implemented in the system. It is more specific and close to the implementation.</p>
182	Database		do we need to understand the data dependency and permission to database for various modules?	<p>Dependency management is one of the features of Maven that is best known to users and is one of the areas where Maven excels. There is not much difficulty in managing dependencies for a single project, but when you start getting into dealing with multi-module projects and applications that consist of tens or hundreds of modules this is where Maven can help you a great deal in maintaining a high degree of control and stability. Maven reactor, Collects all the available modules to build, Sorts the projects into the correct build order and Builds the selected projects in order. For Databases especially We use Hibernate configuration so that our module will interact with almost all the databases provided we need to update the proper dependency in Pom.xml a dependency for H2 will not work for Oracle. Similarly we also need to update the hibernate configurations such as Hibernate Dialect, driver class, user name, password etc are unique for different databases.</p>
183	Maven		how to create project in eclipse using maven?	Create Maven Web App Project Step by Step
184	Non Tech	Non Tech	Tell me about yourself.	NA
185	Non Tech	Non Tech	Under Graduation Project	Nothing nA
186	Java	OOP	Write simple java program	<pre>class SimpleJavaProgram{ public static void main(String args){ System.out.println("Hello Java"); } }</pre>
187	Database	SQL	select all values from entire table without specification	select * from tablename;
188	Programming	C	print our name infinitely(any language)	<pre>#include<stdio.h> void main() { int num=0; for(int i=0;i<num;i+=1) //Note it Carefully printf("Hello"); }</pre>
189	Java	OOPS	Basic java program to print Hello World?	<pre>class HelloWorld{ public static void main(String args){ System.out.println("Hello Java"); } }</pre>
190	Programming	C	Write a program (Java/C/ C++ to print your name infinitely.	<pre>#include<stdio.h> void main() { int num=0; for(int i=0;i<num;i+=1) //Note it Carefully printf("Hello"); }</pre>

				<p>Good Morning sir/madam,</p> <p>First of all, thank you for giving me the opportunity to introduce myself.</p> <p>My name is Gowrikanthar, 24 years old, I belongs to dindigul but currently staying in Hyderabad. I completed my graduation BE computer science in 2015.</p> <p>And Coming to my family includes with me, total 6 members.</p> <p>My father is dry cleaner and mother is housewife and have one younger sister doing MBA and grand father and grand mother.</p> <p>My strength is positive thinking and friendly nature.</p> <p>My weakness is every one have some weakness I have one, that is when I see ice cream I never control myself.</p> <p>My hobbies are spending more time in gym and yoga.</p> <p>My short term goal is become a good job holder in software industry.</p> <p>My long term goal is become a responsible position in same company in future.</p> <p>And I hope my dream will be full fill in this company because I heard good mouth talk about our company standards and if anything suggestions please let me know to modify myself.</p> <p>And again thank you for this wonderful opportunity. That's it.</p>
191	Non Tech	Non Tech	Self introduction	
192			Write a query for creating user name and password	create table tablename(username varchar(30),password varchar(30));
193			String program for equals	<pre>public class Test { public static void main(String args[]) { String Str1 = new String("This is really not immutable!"); String Str2 = Str1; String Str3 = new String("This is really not immutable!"); boolean retVal; retVal = Str1.equals(Str2); System.out.println("Returned Value = " + retVal); retVal = Str1.equals(Str3); System.out.println("Returned Value = " + retVal); } }</pre>
194	HTML	HTML	Questions in html using anchor tag	<pre><!DOCTYPE html> <html> <body> Google </body> </html></pre>
195	JAVA	OOPS	java program using hello world	
196	Database	SQL	Explain SQL queries?	
197	JAVA	Exception	Which are the exceptions you have encountered during your project?	
198	JAVA	OOPS	Definition of abstraction?	
199	JAVA	Introduction	Why do you use Java to develop website? (Advantages of Java over other languages for development)	
200	JAVA	Interface	Definition of Interface?	
201	SPRING	Security	Where have you implemented security in your project?	
202	JAVA	Collections	What are collections? Have you used collections or array list or hash table in your project?	
203	HTML	Bootstrap	5 Tell me advantages of using Bootstrap	
204	HTML	CSS	5 Why you should used CSS and what is the advantage	
205	Project	Project	5 Tell me about MVC pattern and how have you implemented in your project	
206	SPRING	Security	5 What is difference between Authorization & Authentication	<p>Authentication:Authentication Authorization</p> <p>It is the process of verifying the identity of a user.</p> <p>Authorization</p> <p>It is the process of verifying the identity of a user. It is the process of checking whether the user has the access rights to the system.</p>
207	HTML	HTML	5 What is the best way to display image in a webpage	
208	Angular.js	Introduction	5 What is Angular.js and what are its advantages	<p>Web DevelopmentJavaScriptAngularJS</p> <p>AngularJS is a relatively new JavaScript framework by Google, designed to make your front-end development as easy as possible. There are plenty of frameworks and plugins available.</p> <p>It Was Developed by Google</p>
209	HTML	Basics	5 Did you try any developer tool in your chrome	not yet but planning

			<pre> Class A { A() { } s.o.p("A-Constructor") } A a = new A(); Will the above statement work or not ? </pre>	<p>A-Constructor...it will work You cannot call this() from methods, only from constructors. If you do call this() in a constructor, you must call it first, before any other code in the constructor, and you can only call it once. Any code you include after the call to this() will be executed after the invoked constructor completes.</p>
234	JAVA	OOPS		
235	MAVEN	BASICS	What is the advantage of Maven?	<p>Maven lets you get your package dependencies easily</p> <p>Maven forces you to have a standard directory structure</p>
236	MAVEN	Basics	In which folder does the maven keep all the repositories?	m2 folder
237	MAVEN	Basics	How do you clean and install Maven using command prompt ?	mvn clean and build
238	MAVEN	Basics	What is the necessity of Maven Clean ?	Certain plugins require a clean in order to work properly. For instance at least in Maven, the maven-war-plugin explodes each dependent WAR into an existing directory tree. It requires a clean to get rid of files that have been removed from the dependent WARs.
239	MAVEN	Basics	At the time of Maven Clean did you get any error ? If no how it possible and if yes in what case you find error	yes after cleaning it automatically sets jdk to 1.5 and then we have to set it manually
240	eclipse	Basics	In which folder does eclipse store the war file ?	in TARGET FILE
241	GITHUB	GitHub	What is a repository ?	In Maven terminology, a repository is a place i.e. directory where all the project jars, library jar, plugins or any other project specific artifacts are stored and can be used by Maven easily. Maven repository are of three types, local, central, remote.
242	GITHUB	GitHub	How do you do "Stage and Commit" in Github ?	
243	GITHUB	GitHub	How to store the entire work done in Eclipse into Github directly from Eclipse ?	
244	Non Tech	Non Tech	Introduce about yourself?	I am amit yadav from nit mumbai gorgogan branch, i am having work experience of four years as trainer.
245	JAVA	Hibernate	what is hibernate?	<p>hibernate framework simplifies the development of java application to interact with the database. Hibernate is an open source, lightweight, ORM (Object Relational Mapping) tool.</p> <p>An ORM tool simplifies the data creation, data manipulation and data access. It is a programming technique that maps the object to the data stored in the database.</p>
246	Angular js	Angular js	Did you used Angularjs in your project?	Yes
247	SPRING	RestFul	Did you used RestFul webservices in your project?	Yes
248	JAVASCRIPT	Java Script	why do you use javascript?	Javascript is used for the dynamic or reactive aspects of the webpage such as animations, form validation, ajax, etc.
249	JAVA	OOPS	what is interface?	An interface is a collection of implicit abstract methods and static final data members.in java is a mechanism to achieve full abstraction
250	JAVA	Design Pattern	why you used DAO and DAOImpl?	DAO separates a data resource's client interface from its data access mechanism.DAO can be an interface or class And DAOImpl is the implementation of DAO(i.e., interface).
251	SPRING	Basics	what is spring mvc?	The Spring web MVC is a framework which provides model-view-controller architecture and ready components that can be used to develop flexible and loosely coupled web applications.
252	SPRING	Basics	what does ORM do?	Object Relational Mapping is a technique which is used to transfer the data between a java application and a database in the form of the objects.
253	Bootstrap	Bootstrap	what is the difference between container and container-fluid in bootstrap?	Container is class which provides a responsive fixed width container and container-fluid provides a full width container, spanning the entire width of the viewport.
254	Database	SQL	which database you have used?	H2 database
255	Database	TESTCASE	Did you used any test cases in your project?	Yes
256	DevOps	DevOps	what is Devops?	DevOps is clipped compound of development and operations() is a culture, movement or practice that emphasises the collaboration and communication of both software developers and other information technology (IT) professionals while automating the process of software delivery and infrastructure changes.
257	MAVEN	Basics	what is maven?	It is a build tool basically build the java project.
258	MAVEN	Basics	what does maven do?	<p>Maven lets you get your package dependencies easily</p> <p>Maven forces you to have a standard directory structure</p>
259	Non Tech	Non Tech	Do you love coding?	Yes
260	Non Tech	Non Tech	Are you a machine learner?	Specific.
261	SPRING	Basics	what is controller and what does it do?	Controller of spring gets the request from view and send to the appropriate DAO and get the result and sends the appropriate view
262	SPRING	Basics	what is model in mvc ?	MVC is a design pattern basically used for creating web application.
263	Maven		what is the advantage of using maven project in eclipse over netbeans?	<p>Eclipse was created by IBM in the ranks of mid-size corporations. Those three letters carry a lot of weight. I've been told that back in the 1960's, a common term for what's now known as the IT department was "IBM Department". Before there was Microsoft, IBM had basically Alpha and Omega for what they called "Data Processing". FH&Es relied on their IBM rep to take care of tedious chores like thinking. When they had a problem, IBM told them what to do.</p> <p>IBM open-sourced the Eclipse IDE back around 2001. It was a major-league IDE even then, and now it was free, which wasn't the case for most of the competition.</p> <p>Eclipse is also more than just a Java IDE. Unlike most of its competitors, Eclipse is a general-purpose framework, and not even specifically an IDE. Although the various Java IDE versions of it are the most popular, it's also capable of serving as an application framework, and as development platform for non-Java languages such as C/C++, Python, Perl, and shell scripting. I've used Eclipse plugins for all of these at one time or other. None of the preceding is a primary reason why companies pick Eclipse, but it is something that intelligent decision makers take into consideration.</p> <p>NetBeans has a somewhat different history. Although it's a good product, it has been through a number of major evolutionary stages and name changes. Its major advantages are that since it was a production from the very people who invented Java (Sun), it should in theory anticipate improvements to Java and support Java-specific features. To a certain degree, it does, although Sun could have done more, especially when it came to JavaBean development and JSP. FWIW, IWD design, which is a aspects where NetBeans does have an edge on Eclipse to begin with. Because NetBeans doesn't attempt to be all things to all people, it does tend to provide better support for "grunt" development, whereas Eclipse is more my cup of tea, since I'm more prone to develop systems with multiple components interacting in complex ways and non-Java components.</p> <p>None of the major IDEs is really all that bad, and each has its own particular set of virtues. To a certain degree, it's just a matter of figuring out which horse you want to place your bet on. As the saying goes, "Nothing succeeds like success", and Eclipse has been successful for a very long time now.</p>

				<p>JDBC: 1. developer has to write code to map an object model's data representation to a relational data model 2. the automatic mapping of Java objects with database tables and vice versa conversion is to be taken care of by the developer manually with lines of code. 3. JDBC supports only native Structured Query Language (SQL). 4. Developer has to find out the efficient way to access database, i.e. to select effective query from a number of queries to perform same task. 4. The code written to map table data to application objects and vice versa is actually to map table fields to object properties. As table changed or database changed then it's essential to change object structure as well as to change code written to map table-to-object/object-to-table. 5. It is developer's responsibility to handle JDBC result set and convert it to Java objects through code to use the persistent data in application. 6. caching is maintained by hand-coding. 7. there is no check that always every user has updated data. This check has to be added by the developer.</p> <p>ORM: 1. It is flexible and powerful ORM solution to map Java classes to database tables. Hibernate itself takes care of this mapping using XML files so developer does not need to write code for this. 2. It provides transparent persistence and developer does not need to write code explicitly to map database tables to application objects during interaction with RDBMS. 3. It provides a powerful query language Hibernate Query Language (independent from type of database) that is expressed in a familiar SQL-like syntax and includes full support for polymorphic queries. Hibernate also supports native SQL statements. It also selects an effective way to perform a database manipulation task for an application. 4. If there is change in Database or in any table then the only need to change XML file properties. 5. Issues: first of code is maintaining object-table mapping itself and returns result to application in form of Java objects. It relieves programmer from manual handling of persistent data, hence reducing the development time and maintenance cost. 6. with Transparent Persistence, cache is set to application work space. Relational tuples are moved to this cache as a result of query. 7. Improves performance if client application needs same data many times for same write. Automatic Transparent Persistence enables developer to define version type field to application, due to this defined field Hibernate updates version field of tuple every time relational tuple is updated in form of Java objects object to that table. So if two users retrieve same tuple and then modify it and one user save this modified tuple to database, version is automatically updated for this tuple by Hibernate. When other user tries to save updated tuple to database then it does not allow saving it because this user does not have updated data.</p> <p>Object means 'the variant of a language'. Hibernate, as we know, is database agnostic. It can work with different databases. However, databases have proprietary extensions/native SQL variations, and subset-set of SQL standard implementations. Therefore at some point Hibernate has to use database specific SQL. Hibernate uses "dialect" configuration to know which database you are using so that it can switch to the database specific SQL generator code wherever/when necessary. When we configure a data source using Hibernate, we should add the hibernate.dialect property or explicit target-database if you are using EclipseLink.</p> <p>Not an exhaustive list, but here are a few ORM frameworks to consider: 1. Doctrine 2 Part of the core Zend Framework 2 and Db 3. CaspHV has ORM built into 4. RedBean ORM without configuration</p>
264	Hibernate	what are the advantages of ORM over JDBC?		
265	Hibernate	what is dialect in Hibernate?		
266	Hibernate	what are other examples of ORM?		
267	Database	what version of H2 database is used?		<p>H2 version 1.5.1</p> <pre> <!-- simply configure a database which supports connection pooling and inject that into your sessionFactory bean -> bean id="sessionFactory" class="org.springframework.orm.hibernate4. LocalSessionFactoryBean"> <property name="configLocation" value="classpath:hibernate.cfg.xml" /> </bean> --> </pre> <p>The SessionFactory is the concept that is a single data store and thread safe. Because of this feature, many threads can access this concurrently and the sessions are requested, and after the cache that is immutable of compiled mappings for a specific database. A SessionFactory will be built only at the time of its startup. In order to reuse the application code, it should be wrapped in singleton. This wrapping makes the easy accessibility to it in an application code. - SessionFactory is an interface and extends <code>SessionFactory</code> interface.</p> <p>- Create Sessions. Usually an application has a single SessionFactory. Threads servicing client requests obtain Sessions from the factory.</p> <p>- Implementors must be thread-safe.</p> <p>- SessionFactories are immutable. The behaviour of a SessionFactory is controlled by properties loaded at configuration time. These properties are defined on Environment.</p> <p>A dependency is an object that can be used to service. An injection is the passing of a dependency to a dependent object (a client) that would use it. The service is made part of the client's state. Passing the service to the client, rather than allowing a client to build or find the service, is the fundamental requirement of the pattern.</p> <p>Dependency injection allows a program design to follow the dependency inversion principle. The client delegates to external code (the injector) the responsibility of providing its dependencies. The client is not allowed to call the injector code. It is the injecting code that constructs the services and calls the client to inject them. This means the client code does not need to know about the injecting code. The client does not need to know how to construct the services. The client does not need to know which actual services it is using. The client only needs to know about the intrinsic interfaces of the services because these define how the client may use the services. This separates the responsibilities of use and construction.</p> <p>There are three common means for a client to accept a dependency injection: setter, interface- and constructor-based injection.</p>
268	Hibernate	why should we use applicationContext file instead of hibernate.cfg.xml file?		
269	Hibernate	what is a sessionFactory?		
270	Hibernate	what is the use of Dependency Injection(DI)?		
271	Bootstrap	what is advantage of using Bootstrap over CSS?		<p>1. Easy to get started-Bootstrap have got implemented with some of the built-in design templates which helps to create the design more easily. Those css files can be called through cdn or downloaded bootstrap.je file which contains all built-in css also as part of the framework. Therefore, hence its getting referred as Bootstrap CSS framework. 2. Grid grid system 3. Base styling for most HTML elements 4. Extensive list of components 5. Bundled Javascript plugins 6. Good documentation</p>
272	Spring MVC	what is springMVC?		<p>Spring MVC is the web component of Spring's framework. It provides a rich functionality for building robust Web Applications. The Spring MVC Framework is architected and designed in such a way that every piece of logic and functionality is highly configurable.</p> <p>1) Java is Easy to learn 2) Java is an Object Oriented Programming Language 3) Java has Rich API 4) Powerful development tools e.g. Eclipse, Netbeans 5) Great collection of Open Source libraries 6) Wonderful community support 7) Java is FREE 8) Excellent documentation support - Javadocs 9) Java is Platform Independent 10) Java is following with WORA concept which means Write Once Run Anywhere for ever</p>
273	Java	why we prefer java project?		
274	Java	steps to install java		install with the jdk set up latest version and follow the steps to set the path by referring to the steps given in Q.121
275	Java	setting path variable? Why to set?		refer to Q.121
276	Java	how to set class path use of it?		<p>The CLASSPATH environment variable is not treated any differently from the -classpath (or -cp) command-line option. That is, wildcards are honored in all these cases. However, class path wildcards are not honored in the Class-Path jar-manifest header. To run that app, you could use the following JVM command: C> java -classpath C:\java\MyClasses utility myapp Cool! When the app runs, the JVM uses the class path settings to find any other classes defined in the utility myapp package that are used by the Cool class.</p> <p>The software architecture of a program or computing system is the structure or structures of the system, which comprise software elements, the externally visible properties of those elements, and the relationships among them. Different types like 1. Single-tier: best suited for standalone applications, desktop 2. 2-tier: architecture LAN basis 3. 3-tier architecture best suited for B-to-B right construction. 4. Client-business logic-server which means client to business logic to server and vice versa 5. N-tier architecture which acts as WAN basis.</p> <p>Annotations, a form of metadata, provide data about a program that is not part of the program itself. Annotations have no direct effect on the operation of the code they annotate.</p> <p>Annotations have a number of uses, among them:</p> <p>Information for the compiler — Annotations can be used by the compiler to detect errors or suppress warnings.</p> <p>Compile-time and deployment-time processing — Software tools can process annotation information to generate code, XML files, and so forth.</p> <p>Runtime processing — Some annotations are available to be examined at runtime.</p>
277	J2EE	what is architecture? Different types?		
278	Spring MVC	what is annotation?		
279	XML	what is xml?		<p>XML is a file extension for an Extensible Markup Language (XML) file format used to create common information formats and share both the format and the data on the World Wide Web, intranets, and elsewhere using standard ASCII text. XML is similar to HTML.</p> <p>XSD (XML Schema Definition) is a World Wide Web Consortium (W3C) recommendation that specifies how to formally describe the elements in an Extensible Markup Language (XML) document. This description can be used to verify that each item of content in a document adheres to the description of the element in which the content is to be placed. XSD 1.1 became an approved W3C standard</p>
280	spring MVC	what is xsd?		
281	Spring MVC	why do we have versioning in application_projects etc?		in order to support for the respective features of the application otherwise it may lead into incompatible issues where that will occur due to lack of library jar files of the current version.
282	J2EE	what is J2ee?		<p>J2EE is a platform-independent, Java-centric environment from Sun for developing, building and deploying Web-based enterprise applications online. The J2EE platform consists of a set of services, APIs, and protocols that provide the functionality for developing multitenant, Web-based applications.</p> <p>A servlet is a Java technology which has derived from Java programming language which can be referred as advanced Java concept. Servlets can execute only on the server side and it can be used to accept client's request then provides responses from server. The access of request and response are processed through threads. Although servlets can respond to any type of request, they are commonly used to extend the applications hosted by web servers. For such applications, Java Servlet technology defines HTTP-specific servlet classes.</p>
283	J2EE	what is servlet?		<p>The java.servlet and javax.servlet http packages provide interfaces and classes for writing servlets. All servlets must implement the Servlet interface, which defines life-cycle methods. When implementing a generic service, you can use or extend the GenericServlet class provided with the Java Servlet API. The HttpServlet class provides methods, such as doGet and doPost, for handling HTTP-specific services.</p>
284	J2EE	what is jsp?		<p>JavaServer Pages (JSP) is a technology that helps software developers create dynamically generated web pages based on HTML, XML, or other document types. Released in 1999 by Sun Microsystems, JSP is similar to PHP and ASP, but it uses the Java programming language.</p>
285	Bootstrap	what is bootstrap?		Bootstrap is the most popular HTML, CSS, and JS framework for developing responsive, mobile first projects on the web.

			<p>Bootstrap: Advantage: It is a set of well structured CSS styles, Grid classes and JavaScript components. The people at Twitter developed it from now on it's a part of open source community and almost any personal project or startup project uses it. These common tools including styles, class selectors, javascript components helps us to develop at a faster pace especially for those who don't have experience in frontend development.</p> <p>Disadvantages? It's not a framework manner which provides structure to your application or common functionality like routing, controllers and models, MVC architecture etc.</p> <p>AngularJS: Advantages: It is developed and maintained by Google and is one of the top 3 JavaScript Frameworks out there. It provides set of components to structure your app and organize the project. Made in AngularJS AngularJS Single Page Applications, AngularJS provides tools to make life of Frontend Developers easier by providing set of guidelines and architecture to application.</p> <p>Disadvantages: It doesn't provide CSS styles, Grid classes or JavaScript components like Model, Tabs, Navigation bar, Dropdown menu etc.</p>
286	Bootstrap	what is difference between bootstrap and other ?	Refer Q 1240
287	Bootstrap	why specifically bootstrap?	1. MVC done right 2. declarative user interface, 3. Data models are POJO 4. Behavior with directives 5. Flexibility with them 6. Write less code 7. DOM manipulation 8. User interaction 9. Server providers where they belong 10. Content aware communication 10. Unit testing based
288	Angularjs	advantage of using angular js over other frameworks?	It can be used in View part as Presentation logic along with MVC structure.
289	Angularjs	in which parts of application we can use angular js	Single-Page Applications (SPAs) are Web apps that load a single HTML page and dynamically update that page as the user interacts with the app. SPAs use AJAX and HTML5 to create fast and responsive Web apps, without context page reloads. However, this means much of the work happens on the client side, in JavaScript.
290	Spring MVC	what is single page application	Data driven application is: (1) A set of rules applied against different data sets to make a predetermined decision for each specific data set and throwing outcomes as result. (2) A few predetermined processes that are triggered based on the outcome, Data-Table Driven programming is the technique of factoring repetitive programming constructs into data and a transformation pattern. This new data is often referred to by purists as meta-data when it comes in this fashion.
291	Spring MVC	what is data driven application	Server side Server-side programming; is the general name for the kinds of programs which are run on the Server. Uses -Process user input. -Display pages. -Structure web applications. -Interact with permanent storage (SQL files). Example Languages PHP Python ASP.NET or C# or Visual Basic Nearly any language (C++, C, Java). These were not designed specifically for the task, but are now often used for application-level web services. Client-side Much like the server-side, Client-side programming is the name for all of the programs which are run on the Client. Uses -Make interactive webpages. -Make stuff happen dynamically on the web page. -Interact with temporary facilities, and local storage (Cookies, localstorage). -Send requests to the server, and retrieve data from it. -Provide a remote service for client-side applications, such as software registration, content delivery, or remote multi-player gaming. Example languages JavaScript (primarily) HTML CSS Any language running on a client device that interacts with a remote service is a client-side language. Request-response, or request-reply, is one of the basic methods computers use to communicate with each other, if not the first computer sender a request for some data and the second computer responds to the request. Servlet mapping specifies the web container of which java servlet should be invoked for a URL given by client. It maps URL patterns to services. When there is a request from a client, servlet container decides to which application it should forward to. Then context path of url is matched for mapping services. <client-mapping>-<servlet-name>-named for the service-<servlet-name>-url-pattern->pattern->map with <servlet-url-pattern>-<servlet-mappings>
292	JEE	what is client side and server side?	Refer Q 123
293	JEE	what is request and response	Because for every software there is some kind of enhancements made in it that's why it's getting newer versions of software therefore there is no proper configuration setting left for any softwares. GIT REALLY shines when you are decentralized I have a server at home and a Laptop on the road, and SVN simply doesn't work well here. With SVN, I can't have local source control if I'm not connected to the repository [Yes, I know about SVN or about ways to copy the repo]. With GIT, that's the default mode anyway. It's an extra command through git commit controls you, whereas git push origin master pushes the master branch to the remote named "origin". Git adds complexity. Two modes of creating repositories, checkout vs, clone, commit vs push, to whom which commands work locally and which work with the "server" (I'm assuming most people still live a central "master-repository") There's a Visual Studio Addin, but still I can't use git bash with msysgit in windows. SVN has the advantage that its MUCH simpler to learn. There's your repository, all changes to towards it. If you know how to create, commit and checkout and maybe ready to go and can pickup stuff like branching, update, etc... later on.
294	JEE	what is servlet mapping?	GIT has the advantage that its MUCH better suited if some developers are not always connected to the master repository. Also, it's much faster than SVN. And from my own experience, branching and merging support is a lot better (which is to be expected, as these are the core reasons I was looking for a new SCM system) than SVN. I've been using both SVN and GIT, and I can tell you that GIT is perfectly suited for Open Source projects. Just Fork it, commit your changes to your own Fork, and then ask the original project maintainer to pull your changes. Git SVN Bridges. The central repository is a Subversion repo, but developers locally work with GIT and the bridge then pushes their changes to SVN. If you have the need for "Offline Source Control", then Git is best suited for it otherwise if you don't require centralized source then prefer for SVN repository.
295	JEE	why we use web.xml	Git really shines when you are decentralized I have a server at home and a Laptop on the road, and SVN simply doesn't work well here. With SVN, I can't have local source control if I'm not connected to the repository [Yes, I know about SVN or about ways to copy the repo]. With GIT, that's the default mode anyway. It's an extra command through git commit controls you, whereas git push origin master pushes the master branch to the remote named "origin". Git adds complexity. Two modes of creating repositories, checkout vs, clone, commit vs push, to whom which commands work locally and which work with the "server" (I'm assuming most people still live a central "master-repository") There's a Visual Studio Addin, but still I can't use git bash with msysgit in windows. SVN has the advantage that its MUCH simpler to learn. There's your repository, all changes to towards it. If you know how to create, commit and checkout and maybe ready to go and can pickup stuff like branching, update, etc... later on.
296	others	why there is no compatible chart for software, cause of it software installation problem occurs	Git has the advantage that its MUCH better suited if some developers are not always connected to the master repository. Also, it's much faster than SVN. And from my own experience, branching and merging support is a lot better (which is to be expected, as these are the core reasons I was looking for a new SCM system) than SVN. I've been using both SVN and GIT, and I can tell you that GIT is perfectly suited for Open Source projects. Just Fork it, commit your changes to your own Fork, and then ask the original project maintainer to pull your changes. Git SVN Bridges. The central repository is a Subversion repo, but developers locally work with GIT and the bridge then pushes their changes to SVN. If you have the need for "Offline Source Control", then Git is best suited for it otherwise if you don't require centralized source then prefer for SVN repository.
297	GitHub	git hub advantages over svn	Git really shines when you are decentralized I have a server at home and a Laptop on the road, and SVN simply doesn't work well here. With SVN, I can't have local source control if I'm not connected to the repository [Yes, I know about SVN or about ways to copy the repo]. With GIT, that's the default mode anyway. It's an extra command through git commit controls you, whereas git push origin master pushes the master branch to the remote named "origin". Git adds complexity. Two modes of creating repositories, checkout vs, clone, commit vs push, to whom which commands work locally and which work with the "server" (I'm assuming most people still live a central "master-repository") There's a Visual Studio Addin, but still I can't use git bash with msysgit in windows. SVN has the advantage that its MUCH simpler to learn. There's your repository, all changes to towards it. If you know how to create, commit and checkout and maybe ready to go and can pickup stuff like branching, update, etc... later on.
298	Spring MVC	use pom.xml	Git really shines when you are decentralized I have a server at home and a Laptop on the road, and SVN simply doesn't work well here. With SVN, I can't have local source control if I'm not connected to the repository [Yes, I know about SVN or about ways to copy the repo]. With GIT, that's the default mode anyway. It's an extra command through git commit controls you, whereas git push origin master pushes the master branch to the remote named "origin". Git adds complexity. Two modes of creating repositories, checkout vs, clone, commit vs push, to whom which commands work locally and which work with the "server" (I'm assuming most people still live a central "master-repository") There's a Visual Studio Addin, but still I can't use git bash with msysgit in windows. SVN has the advantage that its MUCH simpler to learn. There's your repository, all changes to towards it. If you know how to create, commit and checkout and maybe ready to go and can pickup stuff like branching, update, etc... later on.
299	Maven	why maven	Git really shines when you are decentralized I have a server at home and a Laptop on the road, and SVN simply doesn't work well here. With SVN, I can't have local source control if I'm not connected to the repository [Yes, I know about SVN or about ways to copy the repo]. With GIT, that's the default mode anyway. It's an extra command through git commit controls you, whereas git push origin master pushes the master branch to the remote named "origin". Git adds complexity. Two modes of creating repositories, checkout vs, clone, commit vs push, to whom which commands work locally and which work with the "server" (I'm assuming most people still live a central "master-repository") There's a Visual Studio Addin, but still I can't use git bash with msysgit in windows. SVN has the advantage that its MUCH simpler to learn. There's your repository, all changes to towards it. If you know how to create, commit and checkout and maybe ready to go and can pickup stuff like branching, update, etc... later on.
300	others	advantages of eclipse over previous version	Git really shines when you are decentralized I have a server at home and a Laptop on the road, and SVN simply doesn't work well here. With SVN, I can't have local source control if I'm not connected to the repository [Yes, I know about SVN or about ways to copy the repo]. With GIT, that's the default mode anyway. It's an extra command through git commit controls you, whereas git push origin master pushes the master branch to the remote named "origin". Git adds complexity. Two modes of creating repositories, checkout vs, clone, commit vs push, to whom which commands work locally and which work with the "server" (I'm assuming most people still live a central "master-repository") There's a Visual Studio Addin, but still I can't use git bash with msysgit in windows. SVN has the advantage that its MUCH simpler to learn. There's your repository, all changes to towards it. If you know how to create, commit and checkout and maybe ready to go and can pickup stuff like branching, update, etc... later on.
301	others	latest version of eclipse mars release	Git really shines when you are decentralized I have a server at home and a Laptop on the road, and SVN simply doesn't work well here. With SVN, I can't have local source control if I'm not connected to the repository [Yes, I know about SVN or about ways to copy the repo]. With GIT, that's the default mode anyway. It's an extra command through git commit controls you, whereas git push origin master pushes the master branch to the remote named "origin". Git adds complexity. Two modes of creating repositories, checkout vs, clone, commit vs push, to whom which commands work locally and which work with the "server" (I'm assuming most people still live a central "master-repository") There's a Visual Studio Addin, but still I can't use git bash with msysgit in windows. SVN has the advantage that its MUCH simpler to learn. There's your repository, all changes to towards it. If you know how to create, commit and checkout and maybe ready to go and can pickup stuff like branching, update, etc... later on.
302	others	which versions should we use as a pack to stop compatibility issues	Git really shines when you are decentralized I have a server at home and a Laptop on the road, and SVN simply doesn't work well here. With SVN, I can't have local source control if I'm not connected to the repository [Yes, I know about SVN or about ways to copy the repo]. With GIT, that's the default mode anyway. It's an extra command through git commit controls you, whereas git push origin master pushes the master branch to the remote named "origin". Git adds complexity. Two modes of creating repositories, checkout vs, clone, commit vs push, to whom which commands work locally and which work with the "server" (I'm assuming most people still live a central "master-repository") There's a Visual Studio Addin, but still I can't use git bash with msysgit in windows. SVN has the advantage that its MUCH simpler to learn. There's your repository, all changes to towards it. If you know how to create, commit and checkout and maybe ready to go and can pickup stuff like branching, update, etc... later on.
303	Bootstrap	what is responsive in bootstrap	Git really shines when you are decentralized I have a server at home and a Laptop on the road, and SVN simply doesn't work well here. With SVN, I can't have local source control if I'm not connected to the repository [Yes, I know about SVN or about ways to copy the repo]. With GIT, that's the default mode anyway. It's an extra command through git commit controls you, whereas git push origin master pushes the master branch to the remote named "origin". Git adds complexity. Two modes of creating repositories, checkout vs, clone, commit vs push, to whom which commands work locally and which work with the "server" (I'm assuming most people still live a central "master-repository") There's a Visual Studio Addin, but still I can't use git bash with msysgit in windows. SVN has the advantage that its MUCH simpler to learn. There's your repository, all changes to towards it. If you know how to create, commit and checkout and maybe ready to go and can pickup stuff like branching, update, etc... later on.
304	Bootstrap	how to use bootstrap.js in project	Git really shines when you are decentralized I have a server

308	Bootstrap	what will be or should be there in header and footer	Header page should contain nuclear content in order to navigate to the different pages with the links listed out in the header and footer can contain copyright symbol with year and some links to navigate to any of the informational pages of their site.
309	CSS	what is CSS	CSS stands for Cascading Style Sheets. CSS describes how HTML elements are to be displayed on screen, paper, or in other media. CSS saves a lot of work. It can control the layout of multiple web pages all at once.
310	CSS	what is minified version of js or css?	UglifyJS2 and Bump clean-css version to 3.4.12
311	CSS	whats the use of minification	Minification (also minimization or minimization), in computer programming languages and especially JavaScript, is the process of removing all unnecessary characters from source code without changing its functionality. These unnecessary characters usually include white space characters, new line characters, comments, and sometimes block delimiters, which are used to add readability to the code but are not required for it to execute.Minified source code is especially useful for interpreted languages deployed and transmitted on the Internet (such as JavaScript), because it reduces the amount of data that needs to be transferred.
312	Maven	why eclipse?	Eclipse is an integrated development environment (IDE) used in computer programming, and is the most widely used Java IDE. It contains a base workspace and an extensible plug-in system for customizing the environment. Eclipse is written mostly in Java and is used for developing Java applications, but it may also be used to develop applications in other programming languages through the use of plugins. Including: Ada, APL, C, C++, C#, C, COBOL, D, Fortran, Haskell, JavaScript, Julia, Lasso, Lua, NATURAL, Perl, PHP, Prolog, Python, R, Ruby (including Rubinius), Scala, Java frameworks, Rust, Scala, Clojure, Groovy, Scheme, and Erlang. It can also be used to develop documents with LaTeX (through the use of the TeXlipse plugin) and packages for the LaTeX Mathematics. Development environments include the Eclipse Java development tools (JDT) for Java and Scala, Eclipse CDT for C/C++ and Eclipse PDT for PHP, among others.
313	Maven	what is archetype?	The initial codebase originated from IBM VisualAge. The Eclipse software development kit (SDK), which includes the Java development tools, is meant for Java developers. Users can extend its abilities by installing plug-ins written for the Eclipse Platform, such as development tools for other programming languages, and can write and contribute their own plug-in modules. Archetype is a Maven project templating toolkit. It provides users with the means to generate parameterized versions of these project templates, provides a great way to enable developers quickly in a way consistent with best practices employed by your project or organization. Within the Maven project, we use archetypes to try and get our users up and running as quickly as possible by providing a sample project that demonstrates many of the features of Maven, while introducing new users to the best practices employed by Maven. In a matter of seconds, a new user can have a working Maven project to use as a jumping board for investigating more of the features in Maven. We have also tried to make the Archetype mechanism additive, and by that we mean allowing portions of a project to be captured in an archetype so that pieces or aspects of a project can be added to existing projects. A good example of this is the Maven archetypes. It standardizes IDE development, so you may want to provide archetypes for IDEs, or IDEs, or for your web services. Once these archetypes are created and copied to your organization's repository, they are available for use by all developers within your organization. mvn archetype:generate
314	Java	when we want to set the path of jdk?	you should set the path variable if you want to be able to run the executables (javac, java, javadoc, etc.) from any directory without having to type the full path of the command. To set the path temporarily you can set path command in the command prompt before you compile and execute your program as C:\set path then run where that jdk got installed (also run where) eg as C:\Program Files (x86)\Java\jdk1.7.0_11\bin and press enter and another way to set permanent in the system is 1. Go to MyComputer right click->properties->Advanced system settings->Advanced->Environment variables->system variables->choose path from the list of options given->click edit->then one dialog box pops up with path information separate to that variable value. I believe already some informations may already along with that just place one semicolon at the end of the entire statement and paste the path as C:\Program Files (x86)\Java\jdk1.7.0_11\bin, this path will be set permanently so you need not ensure to set the path everytime before you compile and execute the java programs.
315	Maven	why we change default properties of the project?	By changing the default properties of the project I can get configured to the current required settings of the version so that it may not lead into any compatible issues during the execution time.
316	KML	what is the difference between pom.xml and web.xml file?	pom.xml: Maven configuration file. Controls the build process for the project. web.xml: Web application configuration file. Controls the deployment and configuration of the web application.
317	Spring MVC	why we use spring?	The main reason to use Spring is to embrace and employ the idea of "Inversion of Control and Dependency Injection" in an efficient, easy and best possible ways while developing application. I easy and secure way to handle Forms, Logins in itself 2 the dependencies you might want or need to build your app. 3. handles Autowiring exceptionally well which can be a nightmare while you have to build complex web apps using Java. 4. context instantiates the objects where the container finds each injection point and sets an instance there by itself without the developer worrying about placing an instance of the bean into the desired field in an instance of another bean to activate, various design patterns in its core principles such as Factory to create objects of beans using Application context reference. Spring uses Proxy pattern for AOP. MVC: By default all the beans defined in the Spring are only created once and successive calls to get(bean) returns the same object, hence effectively making use of Singleton design pattern.
318	Hibernate	what is hibernate?	Hibernate ORM (Hibernate is short for an object-relational mapping framework for the Java language). It provides a framework for mapping an object-oriented domain model to a relational database.
319	spring MVC	why we want to add dependencies in pom.xml	Dependencies are jar files or built-in libraries which is required to support with all pre-compiled instructions so we have to add these files in pom.xml file for maven project. It allows users to import dependencies into their software projects and also automatically manage transitive dependencies. In order to use Maven, it is necessary to explicitly add dependencies to the Maven pom.xml file. Once added to the Maven pom.xml file, dependencies will be automatically downloaded, updated, and have their sub-dependencies managed by Maven.
320	Spring MVC	why we use annotation?	Annotations are pre-compiled instructions which has got defined with logos in it and wrapped as one single ready made structure to have ease of use instead of writing the code line by line. So Annotations are substitutes for code. For example look at following piece of code. Annotation is special kind of Java construct used to decorate a class, method, field, parameter, variable, constructor, or package.
321	Spring MVC	why we are using dispatcher servlet?	The DispatcherServlet is used to take an incoming URI and find the right combination of handlers (generally methods on Controller classes) and views (generally JSPs) that combine to form the page or resource that's supported to be found at that location. Creating mobile ready websites is a breeze with Bootstrap thanks to the fluid grid layout that dynamically adjusts to the proper screen resolution. This is virtually any work that needs to be done to achieve proper responsiveness.
322	Bootstrap	what is responsive web site?	Using Bootstrap's ready made classes, you can specify how many spots in the grid system you want each column to occupy. Then, you can specify at what point you want your columns to stack horizontally rather than vertically to display properly on mobile devices. eg (col-md-5, col-md-4, col-md-5, col-sm-6, col-sm-3, etc.).
323	Maven	why we need to configure project	To perform certain operations, such as deploying and testing a web service or Java application, Eclipse requires that an application server is configured for its use. A wide range of application servers can be used with Eclipse, such as IBM WebSphere, JBoss and BEA's WebLogic server. Here, however, I shall focus on the use of Apache Tomcat because this is a popular, commercially used but open source (free) application server. Before configuring Eclipse to use an application server, you must install the server in question onto your machine. You should already have installed Tomcat as part of the Eclipse installation. To configure the Tomcat application server you must know where in the file system it has been installed.
324	Spring MVC	what is CRUD operation?	CRUD represents an acronym for the database operations Create, Read, Update, and Delete. The communication between two layers could be in the form of ad hoc SQL statements such as INSERT, SELECT, UPDATE, and DELETE.
325	Spring MVC	what is JSON and GSON?	JSON, JavaScript Object Notation is the most common data format used for asynchronous browser-server communication (AJAX), largely replacing XML, which is used by AJAX to allow to store and access the value through attribute key value pair combination. Gson is a Java library that can be used to convert Java Objects into their JSON representation. It can also be used to convert a JSON string to an equivalent Java object.
326	Spring MVC	what is bean class?	JavaBeans are classes that encapsulate many objects into a single object (the bean). It should not have public instances of the class. It should have atleast one constructor with no arguments, has to get implements to java.io.Serializable interface, the properties can be accessed through getters and setters methods (e.g., getter and setter methods) of the class.
327	Hibernate	why we use DAO pattern?	It's strict separation between business logic and data access. It provides loosely coupled transactions. Frontend and backend can be accessed independently any changes that we implement in frontend will not affect on backend and vice-versa.
328	Hibernate	why we use @Entity, @Transactional, @Repository, @Column, @GeneratedValue	@Entity-Entity Framework is an object-relational mapper. This means that it can return the data in your database as an object (e.g., a Person object with the properties ID, Name, etc.) in a collection of objects. @Transactional-there are two separate concepts to consider: 1. persistence context (PC) which is java persistence API to store the data in the database through hibernate framework. If the database transaction (TA) which is java transaction API to carry out with any kind of transaction management through 2. transactional attributes which acts as built in concepts of hibernate framework as (mandatory supports required, never, never, not, supported, restricts) well as user can also carry on with customized transactions of their own choice through DDL, DML, DCL, and TCL etc.. @Repository-The @Repository annotation is a specialization of the @Component annotation with similar use and functionality. In addition importing the DAO into the DI (Dependency Injection) container. It also makes the unchecked exceptions (thrown from DAO methods) eligible for translation into Spring DataAccessException. @Column-is used to create column of the table from entity fields of the entity class through ORM transformation. @GeneratedValue The @GeneratedValue annotation can be used to achieve bean on the setter method just like @GeneratedValue, constructor, a property or methods with arbitrary names and/or multiple arguments.
329	Spring MVC	why we call JSP pages through controller?	Because controller acts as an intermediate between view and model components which can able to accept the client's requests from the view page and validates it with the business data from the model part of the MVC layer.
330	Hibernate	what is difference between getEntityManager() and openSession() methods	openSession() will return a new session object on every call, which is actually an instance of org.hibernate.impl.SessionImpl. It does not flush and close automatically so, we need to use flush() and close() the session. getEntityManager() A session is opened whenever getEntityManager() is called for the first time and closed when the transaction ends. This creates a brand new session if one does not exist or uses an existing one if one already exists. It automatically configured with both auto-flush and auto-close attributes as true means Session will be automatically flushed and closed.
331	Spring MVC	what is spring security/How we implement that.	Spring Security is a Java/Java EE framework that provides authentication, authorization and other security features for enterprise applications. It's publicly released by Apache License and the first release version of spring security was 2.0.0. It can be implemented through security in a xml file. It's also useful for preventing data hackers from cross-site request forgery(CSRF).

332	Javascript		what is javascript	<p>an object-oriented computer programming language commonly used to create interactive effects within web browsers. It has client side and server side validations</p> <p>There are 5 reasons to use bootstrap rather than html < 1. speed of development, enables you to utilize ready made blocks of code to help you get started. Combine that with cross-browser compatibility and CSS-Less functionality, many hours of coding can be saved. To achieve the fastest route possible, you can also purchase ready-made Bootstrap themes and modify them 2. responsiveness: the fluid grid layout that dynamically adjusts to the proper screen resolution. There is virtually no work that needs to be done to achieve proper responsiveness. Using Bootstrap's ready made classes, you can specify how many spots in the grid system you want each column to occupy. Then, you can specify at which point you want your columns to stack horizontally rather than vertically to display properly on mobile devices. 3. consistency: ensures consistency regardless of who's working on the project. In addition, results are uniform across platforms so output remains the same whether you're using Firefox, Chrome or Internet Explorer. 4. customizable: Developers have the ability to pick and choose the features that are needed and the rest can be tossed. This is easily accomplished using the Bootstrap customizer page. Simply tick off all the features you don't need and your custom version of Bootstrap will be ready for download. 5. support has a huge support community behind it so you can usually get help when you run into issues. It has got timely updates about the new versions in the market and also its getting better and maintained about the status of growth through github.</p>
333	Bootstrap		why we use bootstrap rather than html?	<p>GitHub is a web-based Git repository hosting service. It offers all of the distributed version control and source code management (SCM) functionality of Git as well as adding its own features. GitHub is digital storage which helps to store and retrieve the data dynamically and compact to carry the source through wherever we move.</p>
334	GitHub		what is github? Why we upload project on github?	<p>A repository, or "repo" for short, is a digital directory or storage space where you can access your project, its files, and all the versions of its files that Git stores.</p>
335	GitHub		what is repository?	<p>The version of dependency should not exists with: i. alpha or beta specification i. groupid which comes with one package name should contain same version for that entire package ii. Sometimes after once we run the application will get to know as constraint violation error which occurs due to either by using lower version or higher version compatibility issues may happen.</p>
336	Spring MVC		how we know which versions dependency we want to use in pom.xml	<p>Maven is a build and compilation tool. It Automatically downloads the Required Dependencies for you and Execute the code written so Maven is Better option as Compared to code and implement every Dependency manually.</p>
337	JZEE	Maven	what's the use of maven in my project?	<p>Container acts a Place holder so u can put your Contents inside it, it is Similar to Div in CSS i.m but while making Applications Responsive this Containers are better</p>
338	JZEE	Bootstrap	May i know the use of container in bootstrap?	<p>Html is a Markup language and Bootstrap is a Library used to Work in conjunction with Html to beautify the Work done by you so it cannot be validated as HTML.</p>
339	JZEE	Bootstrap	why not bootstrap be validated just as html??	<p>It is same as u did in your first project changing database should be an issue with connectivity unless your dialects are proper and other properties are configured properly.</p>
340	JZEE	Oracle	In collaboration project How to connect oracle Database connectivity back-end to front-end?	<p>A web service is a part of managed code that can be remotely invoked using HTTP. That is, it can be activated using HTTP requests. Web services allows you to expose the functionality of your existing code over the network. Once it is exposed on the network, other application can use the functionality of your program. and Restful helps in Mapping properties and URLs in a better way then other Web services like SOAP.</p>
341	JZEE	Webservices	Restful services in details?	<p>Tomcat is server same as Glass fish made by Apache foundation. Glasfish doesn't give compatibility with maven and other important compilation tools so we don't use it.</p>
342	JZEE	Tomcat	What is tomcat ? why not glassfish?	<p>you cant differentiate between these 2 as they are different in Nature HTML is a Markup language and Angular js is Javascript Framework that has more capabilities then that of HTML.</p>
343	JZEE	Angular JS	Difference between HTML and Angular js?	<p>Jar is made for core projects and war is made for we archive, to run on server and display web pages you require Vars and to run things in Background Jar can be used.</p>
344	Java		Difference between jar and war?	<p>The dependency version might have the issue or you have imported the wrong import statement</p>
345	Spring		What should we do if we get unsatisfied dependency in the project	<p>You have not configured Bean properly in dd of Spring correct the names and it should be resolved</p>
346	Spring		What should we do if we get bean not created in the project	<p>You need to use "Generic-Embedded" for "Generic-server" in H2 database?</p>
347	H2		we need to use "Generic-Embedded" for "Generic-server" in H2 database?	<p>Generic Server</p>
348	JUnit		Every time i run JUnit Test it is asking to Exit the H2 console from the Tray.	<p>JUnit needs to setup the test so it needs to restart the DB so it is asking u to remove it so it can restart it.</p>
349	Java		Problem i am facing is my landing page is not working? It is opening blank and it also gives 404 error	<p>Both the conditions are not possible together, your project seems to have problem please setup properly and then work on it.</p>
350	Java		why eclipse neon? why not eclipse mars?	<p>you can use either neon is faster then Mars</p>
351	General		why we go for E commerce project?	<p>So that u can know how Online shopping portals are made and future of web is e commerce so</p>
352	Java		use of mvc	<p>To make working Easier as Data, Business Logic and UI are separate</p>
353	Bootstrap		use of class tag in bootstrap	<p>Reusability of styles</p>
354	Java/Springs		ERROR:No bean named 'category' is defined How to resolve this error?	<p>Class is not mapped properly</p>
355	Oracle		Explain how to resolve the missing artifact problem for qjdbot and qjdbot14 getting error in pom.xml. Error: " Could not resolve dependencies for project com.net.collaboration:Collaboration:war:0.0.1-SNAPSHOT: Could not find artifact com.oracle:qjdbot:jar:11.1.0 "	<p>check for proper names and add in POM</p>
356	H2		program was running fine but next day i am getting error 500 local host refused to connect with generic jdbc exception even though H2 was installed already	<p>check for Update properly it might be the issue</p>