Category	Question
AWS	What is an S3 in AWS and how did you use it for your project?
AWS	What is cloud computing?
AWS	Are you familiar with AWS?
C++	What are the 4 pillars of C++? (I think he ask for C++ because along with the Revature projects, I also described some of the ones I did for my school)
CI/CD	Have you used Jenkins?
CI/CD	What if I had the main codebase written by another team, and I wanted to make sure all the tests passed before deploying the application, what should I do?
CI/CD	What is Jenkins
CI/CD	How do you automate builds on a specific schedule (eg. every Friday)?
CI/CD	How can you resolve a merge conflict?
Coding	Write a function to capitalize the first letter of words, in Python and Java. Explain your code
Coding	Write a method to reverse a string.
Coding	Write a java function that checks whether a String is a palindrome?
Coding	Write a Python function that prints the length of a string
Coding	Write a python function that prints out each word in a string and the number of occurrences in a string.
Coding	Find the duplicate characters in the String "inteerrrvieew"
Coding	Given two integer variables, how would you reverse their values without using an intermediate variable?
Coding	How would you implement a fibonacci series?
Coding	Given two date Strings, how would you calculate the number of days between them?
Coding	Using your preferred IDE, write the selenium code for the following: 1.Write how you would create a chrome driver object. 2.Write how you would input values in selenium(ex: username,password) 3.write how you would click a button in selenium 4.assuming that your test case skips entering the username/password and tries to click on the login button, how do you capture the error message using selenium
Coding	Given the following, write a method to count the number of IDs in the string String employeeID="ID1, ID2, ID2, ID3, ID4, ID5, ID6.......................";
Coding	Write a query to Select the employee record where the employee has the max salaray from the employee table.
Coding	Write a query to return the average of the salaries from the Employee table
Cucumber	What is Cucumber?
Cucumber	How do we connect steps with features?
Cucumber	How do you specify one feature file or many?
Cucumber	Let's say we have a Scenario Outline that logs in a user.
Cucumber	Let's say there is a step: @When("User logs out of the application"). How do we make the step definition for this generic so that it works when used with @Given and @Then too?
DevOps	What is DevOps (in general)?
General	Tell me about yourself?
General	How many years do you have expriance in Automation Testing
General	What IDEs have you used?
General	Tell me about your self, your education/training, your technical track before this training and what've done in this training, any work experience that is technically related.
General	Do you have prior experience in Java or Python before Revature?
General	Why do you want to do software testing?
General	Do you prefer Java or Python - are you strong in both?
General	What technologies did you cover during your training?
General	Asked what I felt strongest about in the curriculum.
General	Application Developers compared to Software Engineers
General	Where do you see yourself in 5 years? 10 years?
General	What is your preferred language (Java vs Python)
General	Have you used Cypress?
General	What type of testing do you prefer?
General	Are you ok with doing manual testing?
General	What is the best trait for a QA Engineer?
General	What is some debugging software that you used?
General	What kinds of bug reporting tools have you used?
General	What code management tools are you familiar with?
General	How would you learn something new?
General	How do you set goals?
General	What are good qualities of a leader?
General	How would you go about learning a new technology within a deadline?
General	What would you do if an application went down?
General	How would you handle conflict with a co-worker?
General	Are you willing to work after hours?
Gherkin	What is Gherkin
Gherkin	List some Keywords of Gherkin
Gherkin	Give an example of gherkin syntax for a chat feature
Gherkin	Show me an example of Gherkin syntax. Create a step for me.
Gherkin	Provide 3 examples of a positive and negatives tests for a login feature in Gherkin syntax
Git	Have you used Git?
Git	Let's say I have two developers who want to push up code at the same time. What commands will they use?
Git	What is the command to check if a file is not staged?
Git	How do you setup a new branch?
Java	What are instance and static variables in Java?
Java	Why do we need static variables in Java?
Java	Can you change a string? If I want to change a string, what should I do?
Java	The difference between throw, throws, and throwable
Java	What are collections? Can you give me examples of collections, besides Array?
Java	What's the difference between an Array and an ArrayList?
Java	Describe the static keyword
Java	How does the JVM decide what to run when running a java application?
Java	Can there be more than 1 'main' function?
Java	When to use an abstract class over an interface.
Java	Can one class access another classes static variables.

Java	What are different list implementation? Which one did you use and why?
Java	Difference between list and tuple?
Java	Main difference between List and Map
Java	What type of collections have you used in Java?
Java	Compare and contrast the 3 types of maps in Java (HashMap, TreeMap, LinkedHashMap).
Java	What is the parent of all classes in Java?
Java	What are some methods of the Object class?
Java	What is Maven?
Java	How do you rate yourself in Java?
Java	What are datatypes?
Java	What are 3 ways to add an item to an array?
Java	What are 3 ways to remove an item from an array
Java	How would you debug an ElementNotFoundException?
Java	What are pointers?
Java	What is the best feature of Java?
Java	What are different data structure types available in Java? (eg. Lists, Sets, Maps, etc.)
Java	What are primitives in Java?
Java	What is the difference between ArrayList and LinkedList?
Java	Write a program to overload a method
Java	What are Strings?
Java	Explain these String methods (contains, index, substring)
Java	What is synchronization?
Java	Which collection allows duplicates?
Java	What is a default constructor?
Java	What are the different scopes in Java
Java	What is the difference between continue and break?
Java	What is the difference between final, finally, and finalize?
Java	How do you handle exceptions?
Java	Can you change a static variable?
Java	What are the different access modifiers in Java?
Java	Is it best practice to make everything public?
Java	How can you create a custom exception?
Java	How can you handle multiple exceptions?
Java	What is multi-threading?
Java	How do you implement inheritance in Java?
Java	What is the difference between an inner class and a subclass?
Java	How can you make a class non-inheritable?
Java	Give some examples of static methods.
Java	What is the difference between an abstract class and an interface?
Java	What is a StringBuffer?
Java	What is the output of the following: String s = new String["firstname"]; s.concat("lastname");
Java	Explain what an interface is by giving a real-world example.
Java	What is a Wrapper class. What features are available to convert objects?
Java	What are the benefits of an abstract class?
Java	What does it mean to be 'platform independent'?
Java	How do you create an abstract class?
Java	What is an assert method?
Java	What is a class/object?
Java	Does Java support multiple inheritance?
JavaScript	What is the use of Promises in JavaScript?
JDBC	How do you start using JDBC?
JDBC	What are the parameters required to connect to a database (JDBC)?
Jenkins	How do you start Jenkins (git command)?
Linux	List any Linux commands that you know
Maven	What is a Parent pom.xml vs a child pom.xml?
Maven	What is the Maven lifecycle?
Maven	What are the main parts of a pom.xml?
NoSQL	What did you use to connect your application to a database?
OOP	What is encapsulation?
OOP	What is polymorphism?
OOP	What is overloading?
OOP	What is overriding?
OOP	Define OOP Pillars
OOP	Compare/contrast overriding and overloading
OOP	What is polymorphism?
OOP	What is inheritance?
OOP	What is abstraction?
Project	Tell me about the last project you worked on and your role?
Project	What did you do during your project 2, in regards to generating user stories and acceptance criteria
Project	What did you do in your project with respect to testing?
Project	Tell me about a project you worked on recently and how you contributed
Project	Tell me about what issues you ran into testing one of your projects. How did you find a solution to work around it?
Project	How did you incorporate SDLC in your project?
Project	Why did you use Selenium and TestNG on your project?
Project	What type of tests did you do your project?
Project	How do you implement STLC and SDLC in your project?
Project	How did you report a bug when working on P3?
Project	How did you setup E2E tests in P3? Explain the process.
Project	What did you use to connect your frontend to your backend?

Project	How did you run tests, individually vs collectively?
Project	How do you proceed from unit testing to E2E testing on your project?
Project	How long were your Sprints?
Project	How did you use Postman in your project?
Project	How did you host your web application?
Python	Is Python a programming language or a scripting language?
Python	How would you define a function?
Python	How would you debug Python?
Python	You can debug Python from the command line, have you ever tried that?
Python	Convert a list to a string: ["Sunday", "Monday", "Tuesday", "Wednesday", "Thursday", "Friday", "Saturday"]
Python	How do you handle exceptions in Python
Python	How do you rate yourself in Python
Python	What are the Python data types?
Python	Does Python follow the 4 pillars of OOP?
Python	What is a Python module?
Python	What are some common Python modules?
Python	What does the 'self' keyword do?
Python	How does Python manage memory?
Python	Pickling objects in Python
Python	What are data primitives in Python?
Python	What is a tuple, what is it different than other collections?
Python	Write a program to print out numbers in reverse order
Python	What are complex data types in Python
Python	What is a .py file and what is a .pyc file?
Python	How do you call an object?
Python	How do you randomize a list in Python (eg. shuffle())?
Python	What is a set vs a frozen set?
Python	What is the difference between a list and a tuple?
Python/Java	Do you know collections, what are collection in python and Java?
REST	What is Rest?
REST	How do you make restful Api?
REST	How do you setup Endpoints?
REST	What is Postman, did you use it, how do you do a postman test?
REST	What are status codes?
REST	How did you set up Postman tests and what exactly did you test for?
REST	Explain an API you have created
REST	Explain each HTTP Method (eg. GET, POST, PATCH, PUT)
REST	What is a Web Service?
REST	Explain the Status Code groups in HTTP.
REST	When a new resources is successfully creating using an API call, what is the Status code that will return?
REST	3xx is the status code group for Server side/Client side/Both/ or neither?
REST	Which library is used in RestAssured?
REST	What is the error code for a DELETE request?
REST	What is the HEAD method?
REST	How does a HTTP request work?
SDLC	What is Agile?
SDLC	What is Waterfall
SDLC	What are user stories
SDLC	What are Agile Ceremonies?
SDLC	Did you practice Agile?
SDLC	What did you do in the Retrospective ceremony?
SDLC	Explain SDLC.
SDLC	What does a tester do during the first phace "Determine software requirements"?
SDLC	How do you decide the time of a Sprint?
SDLC	What is the difference between a Feature and a Scenario?
SDLC	What is the process of getting a value from an Excel sheet and inputting it into an E2E Test?
SDLC	Explain the role of Scrum Master.
SDLC	What ceremonies did you perform (eg. Spring Planning, Stand-up, Retro, etc.)
Selenium	Find the address of some web elements from a specific web site.
Selenium	Have you used Selenium? On Python or Java?
Selenium	How do you select elements?
Selenium	Do you know about XPath?
Selenium	Do you know about Selenium GRID?
Selenium	How would you run selenium tests in parallel.
Selenium	What is Selenium?
Selenium	How does it work?
Selenium	How do you locate elements?
Selenium	Test annotations
Selenium	How are Cucumber and Selenium linked?
Selenium	What types of locators have you used with Selenium?
Selenium	Say you have an online shopping website with a list of links to products. How would you get every element that contains the word 'pizza'?
Selenium	How do you set up automation in Selenium? (start to finish)
Selenium	What is parameterization?
Selenium	What are the different Locators in Selenium (selecting elements by ID, Class, XPATH, etc.)
Selenium	How did you log the result of the tests?
Selenium	How to write on the scenario
Selenium	Can selenium and Cucumber be integrated
Selenium	How would you test desktop application
Selenium	How can you verify that a customer's submitted form has successfully been persisted, assume you don't have APIs like Postman.
Selenium	Howcan you evaluate your input?
Selenium	How can you pass input to your tests cases dynamically?

Selenium	Create a scenario for a friend request in Facebook.
Selenium	After giving the scenario, how can you validate that requested has been accepted.
Selenium	Explain what a POM is.
Selenium	What is the name of the selenium driver used for Firefox?
Selenium	In selenium, if there are 2 frames open simultaneously, how do we switch between them?
Selenium	How do you start a web driver?
Selenium	How would you get elements in Selenium that are dynamically added in a React framework?
Selenium	How would you handle switching windows in Selenium?
Selenium	What is WebDriver?
Selenium	How do you find a child in a form without indexing (following sibling)
Selenium	How do we invoke a WebDriver in Selenium?
Selenium	What is the command for initializing the Chrome WebDriver?
Selenium	How do you send input to a form element?
Selenium	How do you click a button?
Selenium	How do you retrieve text values from a form element?
Selenium	What is the difference between Assert and Verify?
Selenium	How can you automate a Captcha?
Selenium	How can you retrieve several links on a webpage?
Selenium	What are some common commands in Selenium?
Selenium	What is a feature file?
Selenium	What is the Page Object Model?
Selenium	Why do we use page object models? What is the benefit?
Selenium	What is the difference between an explicity wait vs an implicit wait?
Selenium	How do you get the value of a dropdown menu?
Selenium	How do you get the value from an alert?
Selenium	What is the difference between a close vs a quit command?
Selenium	Demonstrate how you used Selenium in one of your projects.
Selenium	How would you validate someone's email address on a web form?
Selenium	How would you setup Selenium to perform a Google search?
Spring	What is Dependency Injection, what's its purpose and benefits?
Spring	What is Spring/Spring boot
SQL	Demonstrate the usage of DISTINCT
SQL	Demonstrate the usage of GROUP BY.
SQL	What is normalization
SQL	Are you familiar with the Oracle RDBMS?
SQL	What are the different joins?
SQL	What are triggers?
SQL	What are different SQL clauses?
SQL	What's the difference between drop and truncate?
SQL	What are joins?
SQL	What is a cross join?
SQL	What are constraints?
SQL	What is a select?
SQL	What is DML?
SQL	What is DCL?
SQL	List some aggregate functions and what they do.
SQL	How do you ignore null values and get the count of rows in SQL?
SQL	How would you select data from 2 different tables?
SQL	What commands are part of DML?
SQL	What commands are part of DDL?
SQL	How would you return a list of all original entries from a table?
SQL	What command would you use to count the number of characters in a String in SQL?
SQL	How can you join two tables with one column exactly matching?
SQL	How can you write a nested query?
SQL	How can you count the number of rows from a result?
SQL	How can you get matching string results?
SQL	What is the difference between delete, truncate, and drop?
SQL	How can you retrieve the first 20 rows of a query?
SQL	How do you sort a query result?
SQL	How do you write an index statement?
SQL	What is a self join?
SQL	What are stored procedures?
SQL	What is the difference between DML and DDL?
SQL	How do you select all entries that start with the letter 'J' in a table?
SQL	How do you remove duplicate values in a query?
SQL	How do you find the max of a column of int(s)?
SQL	Are you familiar with Oracle DB?
SQL	What is TCL?
Testing	General how to write e2e tests.
Testing	If there were 100 manual tests, how would you determine which test we could automate and which not?
Testing	What is STLC?
Testing	What types of tests are there
Testing	What is the difference between functional and non-functional testing
Testing	What testing frameworks did you use in Java and Python?
Testing	Who is responsible for running tests?
Testing	How do you determine 'quality'?
Testing	What is important about automation testing?
Testing	Contrast Automatic versus Manual testing
Testing	Explain the different levels of software testing (Unit, Integration, E2E)
Testing	What testing tools you used
Testing	Describe the lifecycle of automation.

Testing	Describe the lifecycle of test automation.
Testing	How do debug?
Testing	Explain Regression testing.
Testing	Have you written any Test Strategy and Test Reports before? Can you tell me what goes in those reports?
Testing	What do you normally document in a Test Case? What is a RTM (Requirements Traceability Matrix?
Testing	What frameworks are available for testing?
Testing	What browsers did you test your application on? Did you have any cross-browser compatibility issues?
Testing	What is structured data? What is unstructured data
Testing	What kinds of tests would you perform before deployment?
Testing	What is BDD?
Testing	What is STLC?
Testing	Who takes care of unit tests?
Testing	What is a defect?
Testing	What is static testing?
Testing	What is the difference between system testing and UAT Testing?
Testing	What is the difference between a defect's priority rating and severity rating?
Testing	What is the defect lifecycle?
Testing	In API Testing, what types of routes are used?
Testing	What do you do if your supervisor doesn't want the team to work on a bug right away?
Testing	What is the difference between a test plan and a test strategy?
Testing	How did you use TestNG in your project and how did you document your test?
Testing	What is the difference between a scenario and a scenario outline?
Testing	What tests would you write for a Gmail login feature?
Testing	What is the difference between TDD and BDD?
Testing	What types of cross-browser testing have you performed?
Testing	What is UAT?
Testing	How do you determine time requirements for clients?
Testing	Why do you use a traceability matrix?
Testing	What is the difference between Validation testing vs Verification Testing?
Testing	How do you log a defect?
Testing	What are the levels of the testing pyramid?
TestNG	TestNG, Let's say we have all the test cases on a single file. How could we only run a group of specific tests? For example, only run tests related to one of the DAO.
TestNG	What is TestNG
TestNG	Can you explain to me what testNG is?
TestNG	If you want to do regression testing for testNG, where do you specify which tests to run?
TestNG	How do you skip a test in TestNG?
TestNG	What is a test priorty?
XPath	Find the relative xpath of these web elements.
XPath	Describe XPath. What is it?
XPath	Explain how to write an XPath with unique properties
XPath	What is "//"
XPath	How would you find something if the path of it changes (eg. by id but using XPath)
XPath	What is the difference between using an ID selector vs XPath?
XPath	Write an example of XPath
XPath	What is the difference between a full XPath and a Relative XPath?