These specific questions or questions about these subjects have been asked in previous interviews

* + Junit
    - How would you create a unit test?
    - @BeforeClass
    - @AfterClass
    - assertEqual vs assertSame
  + Coding challenge
    - How would you determine whether a number is even or odd?
    - How would you print all odd numbers in a given range?
    - How would you reverse a string?
    - Write code to send text to a username and login input via Selenium and then confirm the text made it
  + Selenium
    - Locators
      * Best locators?
    - Xpath
      * Types?
    - How to instantiate web elements in Java
    - How to send information to elements using Java/Selenium
    - Selenium waits
    - How do you instantiate a web driver
    - Page Object Model design pattern
    - Page Factory
    - Action class
  + Maven
    - Where are the dependencies located?
  + Cucumber
    - Feature vs scenario
    - What is it?
    - How would you generate a report of the tests?
    - Feature file
    - How is Cucumber part of the automation process?
  + Java
    - OOP principles
    - Example of polymorphism
    - Exception handling
    - Interface vs abstract class
    - Constructors
    - How to create a constant variable?
    - List vs set
    - Maps
    - Collection framework
    - Why make something public
    - Why make something private
  + Agile
    - What is Scrum?
    - Hallmarks of Agile process
    - Agile vs waterfall
    - Advantages vs disadvantages
  + SQL
    - Write query to select highest salaried employee in each department given an employee and salary table
    - What are safe data transfer practices for SQL?
    - How would you protect data in a database?
    - Is a Relational Database Service better for structured or unstructured data?
    - Primary key vs foreign key
    - joins
  + Testing Theory
    - What is Test Driven Development
    - Unit testing
    - Integration testing
    - API testing
    - Testing Tools
    - Regression testing vs retesting
    - System testing vs integration testing
    - Why do automation testing?
    - What is Behavior Driven Development
    - Functional Testing
    - Performance Testing
    - Defect Lifecycle
    - Testing types you know
      * White box
      * Black box
      * Unit testing
      * Integration testing
      * System testing
      * Regression testing
      * Retesting
      * Load testing
      * Spike testing
      * Endurance testing
      * Stress testing
    - Severity vs Priority
    - What information is needed to write test cases?
  + Project Topics
    - How did you keep track of work?
    - Any difficulties working on the projects?
  + General
    - What is the Software Development Lifecycle?
  + Mockito
    - What is it?
  + Amazon Web Services
    - What is it?
  + DevOps
    - Github Actions
    - Continuous Integration
    - Continuous Delivery
    - Continuous Deployment