**Java Basics**

What is a method? Syntax to create a method

Types of method

a) based on arguments

1. parameterized method

2. non-parameterized method

b) based on modifier

1. static method

2. non-static method

How to call a method?

What is method chaining?

Write a program to achieve method chaining

OOP

Collection

TestNG 🡪 @Test, priority, dependsOnMethods, DataProvider

Maven 🡪 dependency management, mvn test command, cmd line execution

CI/CD Jenkins 🡪 Job creation and execution

**RestAssured**

When you have Postman? why -> RestAssured?

1. We can blend Selenium RestAssured and JDBC and write end to end test cases
2. Postman doesn’t support Jenkins, so you cannot create a pipeline and run the api test cases.

Any API Request can be divided into three parts

PRE REQUESITE / PRE CONDITION 🡪 given()

REQUEST TYPE 🡪 when()

RESPONSE 🡪 then() , and()

Different ways of passing body

1. Directly
2. Create a method in PayLoad class and call that method
3. POJO class –> Plane Old Java Object  
   (Create a class with variables and provide getters, setters and a constructor )
4. JSONObject -> add data into the object using put( )  
   (Pass object ref with toString( ) inside body)
5. HashMap
6. External JSON file  
   (Pass object ref with toString( ) inside body)