**API ASSIGNMENT**

**Objective:**

The objective is to understand how to perform different types of HTTP requests (GET, POST, PUT, DELETE) using the provided website for the API testing.

### **Tools Required**

* **API Testing Tool**: Postman to validate the requests
* **IDE**: Spring Tool Suite or Eclipse to write the codes using java language to perform api testing.

### **Pre-requisites**

* Students should have a good understanding on API Testing.
* Postman should be installed in their systems.

**Automate the below task using API Testing**

Validate the Below website using Postman and Spring Tool Suite (REST ASSURED)

Validate all therequests present inside this link

<https://app.beeceptor.com/mock-server/dummy-json>

**Requests to be validated in website using Postman and Restassured are:-**

* List all available blog posts
* Retrieve a post by passing an integer ID
* Listing all the blog comments
* Retrieve a comment by passing and numeric/alphanumeric ID
* Get a list of all the companies
* Retrieve details about a company by passing company ID. (company-name, market capital, domain, etc.)
* Get a list of all the users
* Retrieve a user's details like name, company, address, country, email, photo, etc.
* Get a list of standard roles.
* List of most popular quotes on life, courage, risk, etc. with their author & popularity index.
* List of all the countries in the world with their two-digit country code.

Implement the below Task:

1) The following task should be done using both postman and restassured.

2) Create requests with all the required services.

3) Use global and local environments for the collections.

**Submission Guidelines**

* Submit the API project via the LMS.
* Include comments in the code to explain the purpose of each section.

### **Evaluation Criteria**

* **Correctness**: The script you are automating should run properly.