**Instructions**

1. **API Automation:**
   1. Project Summary:

* Create collection file from the given site by making GET, POST, PUT, and DELETE calls.
* Set the body for requests.
* Used random data generators and reused them while making calls by storing them in environment variables.
* Asserted responses from the requests made.
* Run the collection using command
* Generated report in htmlextra
  1. Pre prerequisite
     1. GitHub account
     2. Git configured with your system
     3. Installation
        1. Postman API
        2. npm
        3. Node
        4. newman
        5. htmlextra reporter
  2. **How to run the project:**
     1. Go to the link: https://github.com/Shakik-M/NM\_CodingEx\_API
     2. Clone it to local machine
     3. Go to the cloned folder
     4. Open POSTMAN
     5. import the environment and collection files from the cloned folder
     6. Go to the collection file “NM\_CodingEx\_API”
     7. Select environment “jsonplaceholderEnv”.
     8. You can send the request separately opening each request OR
     9. Run the collection by clicking “Run”
     10. See the results in the next window

To run the collection & generate report in htmlextra by command:

* + 1. Open Terminal/Cmd
    2. Go to cloned folder using command “cd”
    3. Run any of the following command:

newman run NM\_CodingEx\_API.postman\_collection.json -e jsonplaceholderEnv.postman\_environment.json -r htmlextra

* + 1. The test will start running and the terminal will show the run progress like the following screenshot.

Graphical user interface, text, application

Description automatically generated

* + 1. Go to cloned folder/ NM\_CodeChallenge/NM\_CodingEx\_API/newman
    2. Open the .html file in any browser
    3. You will see the Newman Run Dashboard like the screenshot in following page:

Graphical user interface

Description automatically generated