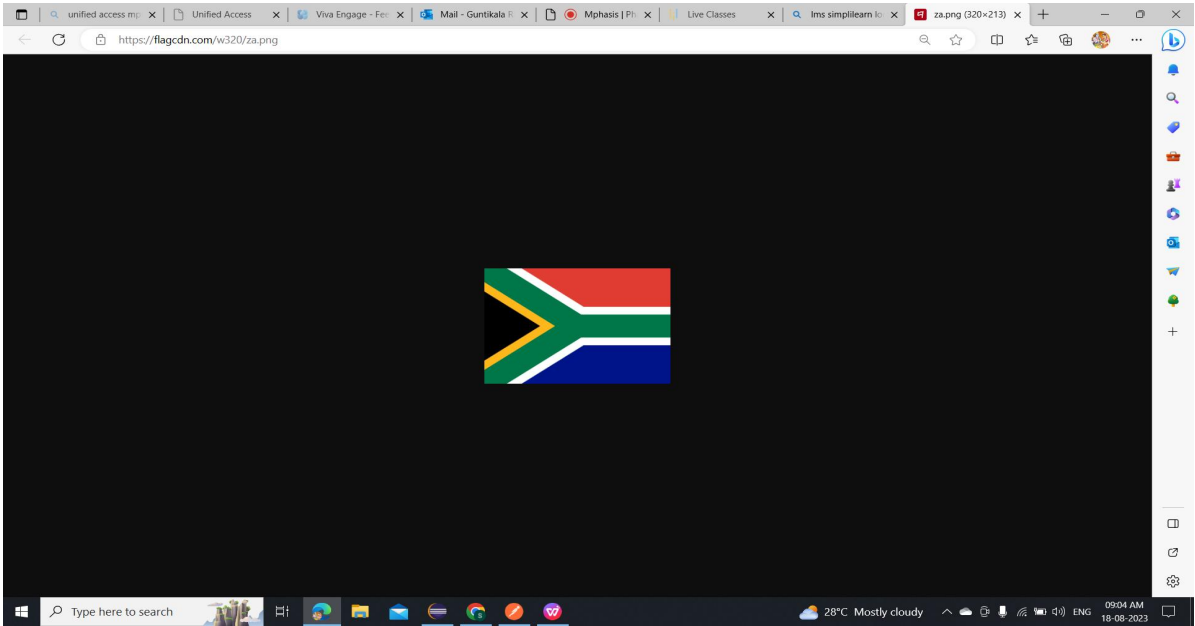
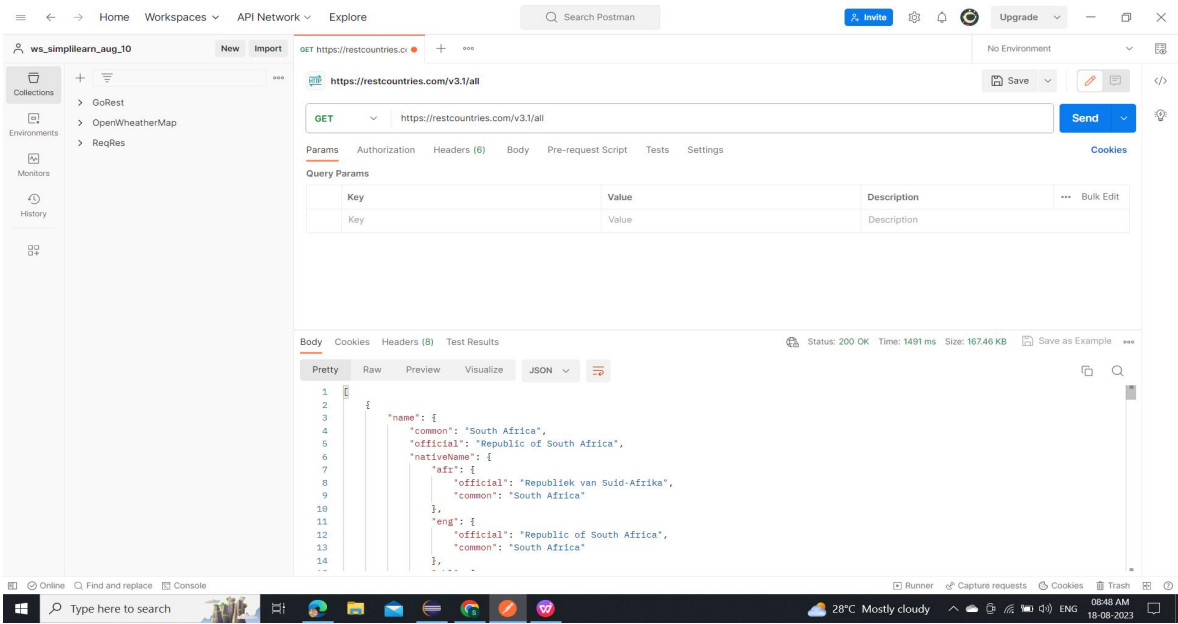


PRACTICE PROJECTS OF API TESTING

GET REQUEST:



unified access m... x Unified Access x Viva Engage - Fe... x Mail - Guntika... x Mphasis | Ph... x Live Classes x Ims simpllear... x South Africa - Go... x

https://www.google.com/maps/place/South+Africa/@-34.6283864,27.2516951,5z/data=!3m1!4b1!4m6!3m5!1s0x1c34a689d9ee1251:0xe85d630c1fa4e8a0f8...

Sudáfrica

South Africa

Directions Save Nearby Send to phone Share

Quick facts

South Africa is a country on the southernmost tip of the African continent, marked by several distinct ecosystems. Inland safari destination Kruger Na... [More](#)

Photos

Photos

Map data ©2023 AIrHOIS (Pty) Ltd India Terms Privacy Send feedback 200 km 28°C Mostly cloudy 09:04 AM 18-08-2023

unified access x Unified Access x Viva Engage x Mail - Guntika... x Mphasis x Live Classes x Ims simpllear... x South Africa x Relation: Sou... x

https://www.openstreetmap.org/relation/87565

OpenStreetMap Edit History Export

Search Where is this? Go

Relation: South Africa (87565)

Version #236

SZ (eSwatini): Freestyle ESwatini Pt.33 - Road, settlement, boundary & building edits on Shiselweni I-Zombodze border #MissingMaps

Edited about 2 months ago by Greg_Rose

Changeset #137575693

Tags

ISO3166-1	ZA
ISO3166-1:alpha2	ZA
ISO3166-1:alpha3	ZAF
ISO3166-1:numeric	710
admin_level	2
alt_name:eo	Sudafriko
alt_name:gl	África do Sur
alt_name:in	Afrika ya Súdī
alt_name:wo	Afrig gu Bej-gǎnnaar
boundary	administrative

500 km 300 mi

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POST REQUEST:

The screenshot shows the Postman application interface. The left sidebar displays a collection named 'ws_simplilearn_aug_10' with a sub-collection 'GoRest'. The 'Create User' request is selected. The main panel shows the request details for a POST request to 'https://gorest.co.in/public/v2/users'. The request body is a JSON object with the following fields: 'name' (Aravind), 'email' (aravind95534@gmail.com), 'gender' (male), and 'status' (active). The response section shows the JSON response: {'id': 4495254, 'name': 'Aravind', 'email': 'aravind95534@gmail.com', 'gender': 'male', 'status': 'active'}. The status bar at the bottom indicates 'Status: 201 Created', 'Time: 169 ms', and 'Size: 1.17 KB'.

```
POST https://gorest.co.in/public/v2/users

{
  "name": "Aravind",
  "email": "aravind95534@gmail.com",
  "gender": "male",
  "status": "active"
}
```

```
{
  "id": 4495254,
  "name": "Aravind",
  "email": "aravind95534@gmail.com",
  "gender": "male",
  "status": "active"
}
```

PARAMETRIZED REQUEST:

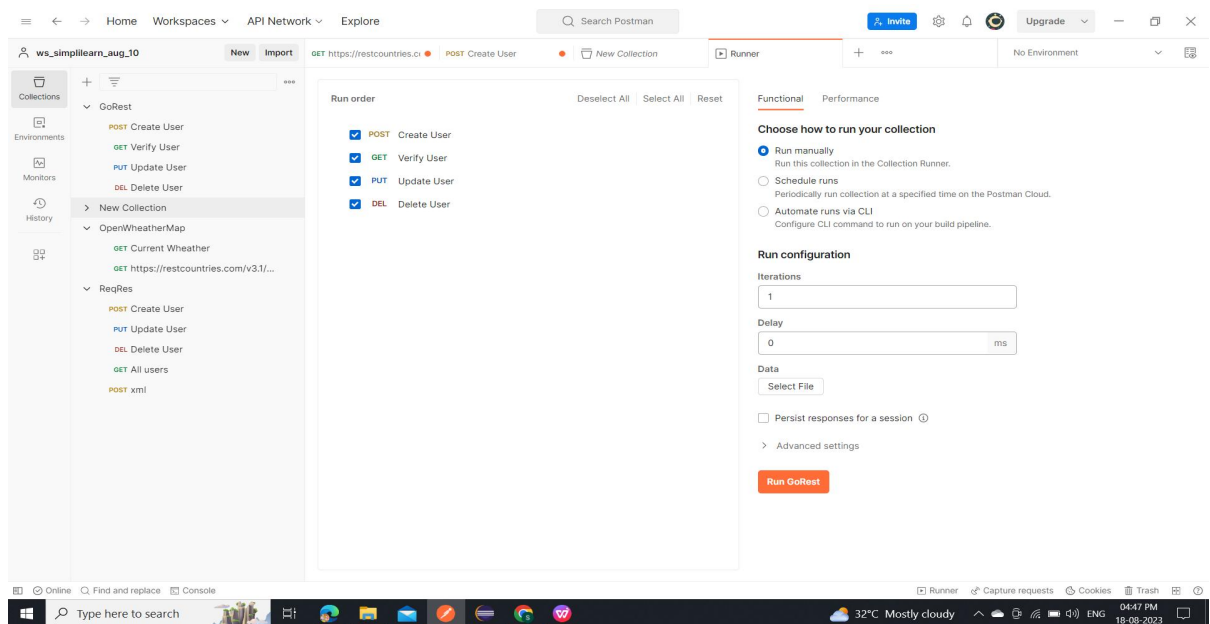
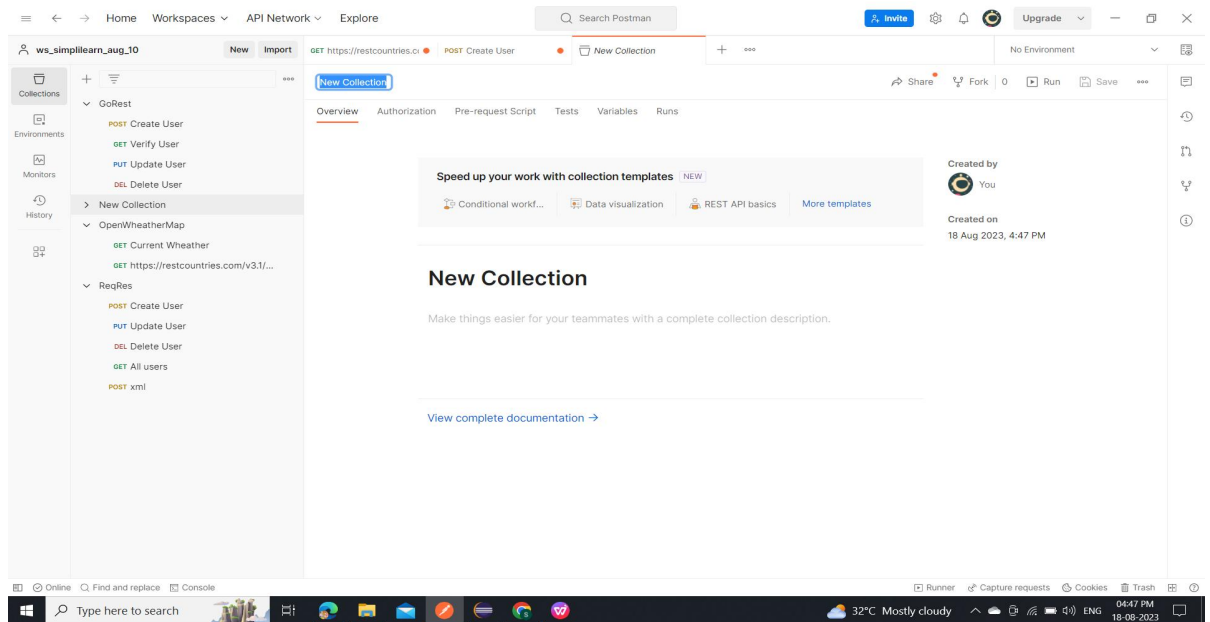
The screenshot shows the Postman application interface. The left sidebar displays a collection named 'ws_simplilearn_aug_10' with a sub-collection 'OpenWeatherMap'. The 'Current Wheather' request is selected. The main panel shows the request details for a GET request to 'https://api.openweathermap.org/data/2.5/weather?q=Bangalore&appid=6a02f39bbaa891ba278b64ee12215cd9'. The request parameters are 'q' (Bangalore) and 'appid' (6a02f39bbaa891ba278b64ee12215cd9). The response section shows a placeholder image and the text 'Click Send to get a response'.

```
GET https://api.openweathermap.org/data/2.5/weather?q=Bangalore&appid=6a02f39bbaa891ba278b64ee12215cd9
```

Key	Value	Description
<input checked="" type="checkbox"/> q	Bangalore	
<input checked="" type="checkbox"/> appid	6a02f39bbaa891ba278b64ee12215cd9	
Key	Value	Description

Click Send to get a response

COLLECTIONS:



ENVIRONMENT:

The screenshot shows the Postman interface with the 'qa' environment selected. The 'Variables' tab is active, displaying a table of environment variables:

Variable	Initial value	Current value
url	https://qa.reqres.in	https://qa.reqres.in

Below this table, there is a 'Globals' section with the following variables:

Variable	Initial value	Current value
id, response.id		null
id		4495254

A notification at the bottom states: 'Use variables to reuse values and protect sensitive data'. It explains that sensitive data in variable type secrets should be kept masked and that using the current value of a variable prevents sharing sensitive values with the team.

TESTS SCRIPTS:

The screenshot shows the Postman interface with a 'POST' request to 'https://gorest.co.in/public/v2/users'. The 'Tests' tab is active, displaying the following test scripts:

```
1 var response = pm.response.json();
2 pm.globals.set('id', response.id);
3
4 pm.test('Response status code is 201', function () {
5   pm.response.to.have.status(201);
6 });
7
8
9 pm.test('Id is a positive integer', function () {
10  const responseData = pm.response.json();
11
12  pm.expect(responseData.id).to.be.a('number');
13  pm.expect(responseData.id).to.be.above(0);
14 });
15
16
17 pm.test('Email is in a valid format', function () {
18  const responseData = pm.response.json();
19
20  pm.expect(responseData.email).to.match(/^[a-zA-Z0-9._%+-]+@[a-zA-Z0-9.-]+\.[a-zA-Z]{2,3}$/);
21  pm.test('Email format is not valid');
22 });
23
24 pm.test('Gender is either 'male' or 'female'', function () {
25  const responseData = pm.response.json();
26
27  pm.expect(responseData.gender).to.exist.and.to.be.oneOf(['male', 'female']);
28 });
```

On the right side, there is a 'Script with Postbot' section with a 'Write scripts easily with AI' button. Below it, there is a 'Snippets' section with various actions like 'Get an environment variable', 'Set a global variable', etc.

API DOCUMENTATION :

The screenshot shows the Postman interface with a workspace named 'ws_simplilearn_aug_10'. The left sidebar lists collections, including 'GoRest' and 'ReqRes'. The 'ReqRes' collection is expanded, showing a 'GET All users' request. The main panel displays the request details for 'GET https://restcountries.com/v3.1/all?page=2'. The 'Query Params' section shows a table with 'page' set to '2'. The 'Response' section is empty, showing a cartoon character and the text 'Click Send to get a response'.

Key	Value	Description
page	2	

BEARER TOKEN:

The screenshot shows the Postman interface with a workspace named 'ws_simplilearn_aug_10'. The left sidebar lists collections, including 'GoRest' and 'ReqRes'. The 'GoRest' collection is expanded, showing a 'PUT Update User' request. The main panel displays the request details for 'PUT https://gorest.co.in/public/v2/users/{{id}}'. The 'Authorization' section shows 'Bearer Token' selected, with the token value '05172fc44401e43cf1bacf15ab1da175fcb89'. The 'Response' section is empty, showing a cartoon character and the text 'Click Send to get a response'.

SOAP API REQUEST:

The screenshot displays the Postman interface with a workspace named 'ws_simplilearn_aug_10'. The left sidebar shows a collection of requests under 'ReqRes', including 'POST Create User', 'GET Verify User', 'PUT Update User', 'DEL Delete User', 'GET All users', 'OpenWeatherMap', and 'GoRest'. The main panel shows a POST request to 'http://webservices.oorsprong.org/websamples.countryinfo/CountryInfoService.wso?WSDL'. The request body is a SOAP XML envelope with a 'CapitalCity' element set to 'New Delhi' and a 'CountryISOCode' element set to 'IN'. The response is a SOAP XML envelope with a 'CapitalCityResponse' element containing 'New Delhi' and a 'CountryISOCode' element set to 'IN'. The status is 200 OK, and the response size is 552 B.

POST http://webservices.oorsprong.org/websamples.countryinfo/CountryInfoService.wso?WSDL

Params Authorization Headers (9) Body Pre-request Script Tests Settings

none form-data x-www-form-urlencoded raw binary GraphQL XML

```
1 <?xml version="1.0" encoding="utf-8"?>
2
3 <soap:Envelope xmlns:soap="http://schemas.xmlsoap.org/soap/envelope/">
4
5   <soap:Body>
6     <CapitalCity xmlns="http://www.oorsprong.org/websamples.countryinfo">
7       <sCountryISOCode>IN</sCountryISOCode>
8     </CapitalCity>
9   </soap:Body>
10 </soap:Envelope>
```

Body Cookies Headers (6) Test Results Status: 200 OK Time: 439 ms Size: 552 B Save as Example

Pretty Raw Preview Visualize XML

```
1 <?xml version="1.0" encoding="utf-8"?>
2 <soap:Envelope xmlns:soap="http://www.w3.org/2003/05/soap-envelope">
3   <soap:Body>
4     <m:CapitalCityResponse xmlns:m="http://www.oorsprong.org/websamples.countryinfo">
5       <m:CapitalCityResult>New Delhi</m:CapitalCityResult>
6     </m:CapitalCityResponse>
7   </soap:Body>
8 </soap:Envelope>
```

Runner Capture requests Cookies Trash

32°C Mostly cloudy 04:57 PM 18-08-2023