

## HTTP Assignment:

Q1: Get data of [this](#) Google Sheet\* stored (Duplicate the sheet in your account first)

The screenshot shows the Postman interface with a GET request configured to retrieve data from a Google Sheet. The request is titled "q1-q2-sheet-calendar-api / Get request from Google sheet" and is sent to the URL `https://sheets.googleapis.com/v4/spreadsheets/111GsFwlyTka5JkgRm1ZKurzyvHnHgTpr8LDcOBNLyy/values/A1:F100`. The request is authenticated using OAuth 2.0, with the "Current Token" field displaying `{{Access-token-1}}`. The response status is 200 OK, with a time of 809 ms and a size of 3.98 KB. The response body is shown in the "Pretty" view, displaying a JSON object with the following structure:

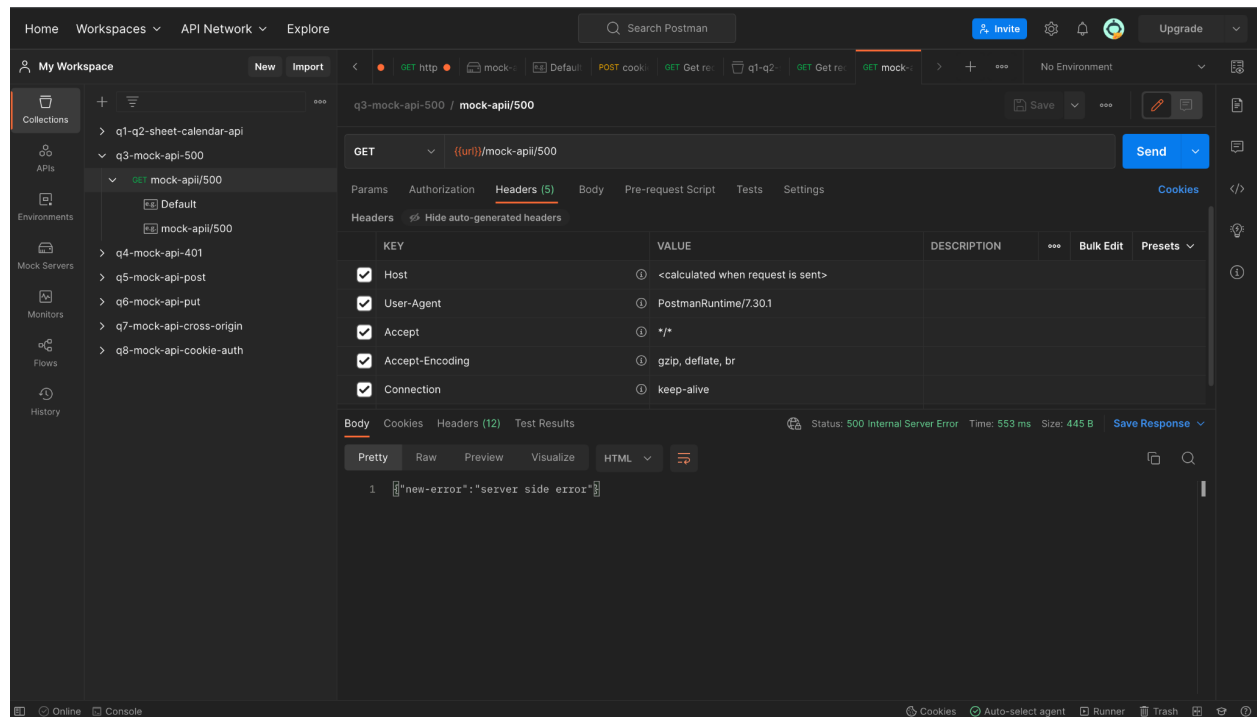
```
{
  "range": "Sheet1!A1:F100",
  "majorDimension": "ROWS",
  "values": [
    [
      "Student Name",
      "Gender",
      "Class Level",
      "Home State",
      "Major",
      "Extracurricular Activity"
    ],
    [
      "Alevandra"
    ]
  ]
}
```

Q2. Get a Google Calendar Event's info

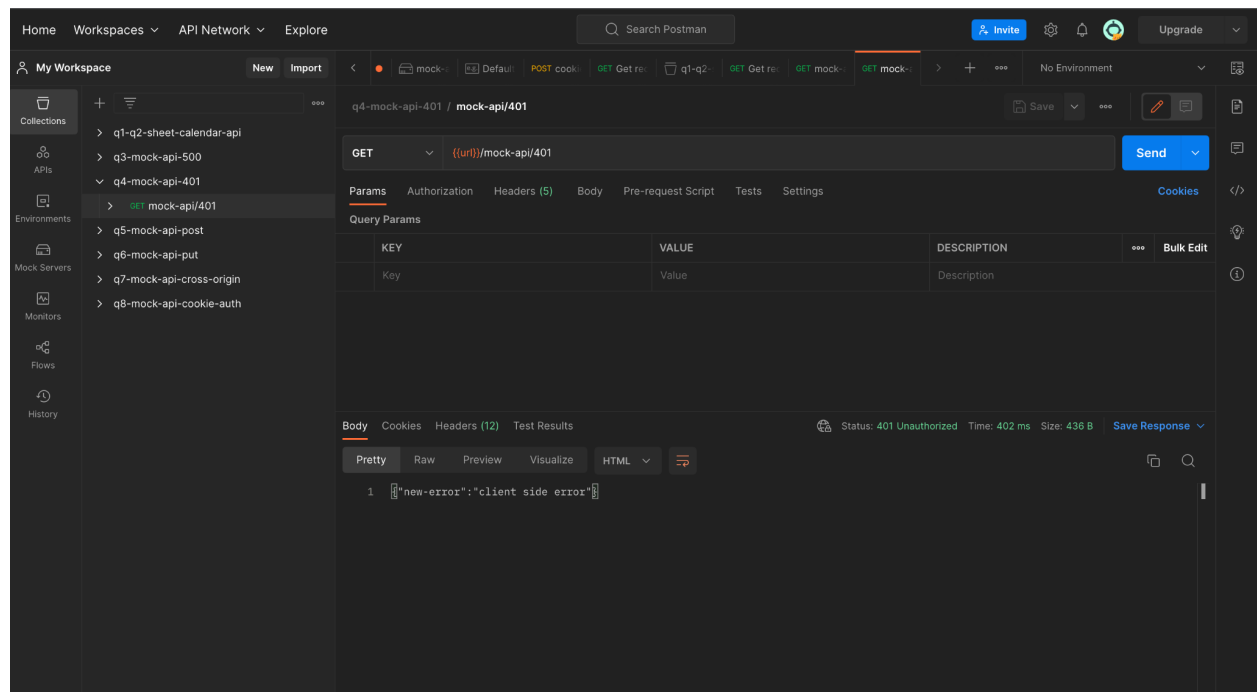
The screenshot shows the Postman interface with a GET request configured to retrieve information about a specific Google Calendar event. The request is titled "q1-q2-sheet-calendar-api / Get request from Google Calendar" and is sent to the URL `https://www.googleapis.com/calendar/v3/calendars/surjeetverma2017@gmail.com/events/5d5r4vdj4een6r01ako4ml4ue5`. The request is authenticated using OAuth 2.0, with the "Current Token" field displaying `{{Access-token-1}}`. The response status is 200 OK, with a time of 471 ms and a size of 1.23 KB. The response body is shown in the "Pretty" view, displaying a JSON object with the following structure:

```
{
  "kind": "calendar#event",
  "etag": "\"3352580207582000\"",
  "id": "5d5r4vdj4een6r01ako4ml4ue5",
  "status": "confirmed",
  "htmlLink": "https://www.google.com/calendar/event?eid=NWQ1cR2ZGo0ZWVunWwMmFzR2R1ZTUGc3YyYmVldHk1cm1hMjAxNDBt",
  "created": "2023-02-13T12:08:23.000Z",
  "updated": "2023-02-13T12:08:23.791Z",
  "summary": "API",
  "creator": {
    "email": "surjeetverma2017@gmail.com",
    "self": true
  },
  "organizer": {
    "email": "surjeetverma2017@gmail.com",
    "self": true
  }
}
```

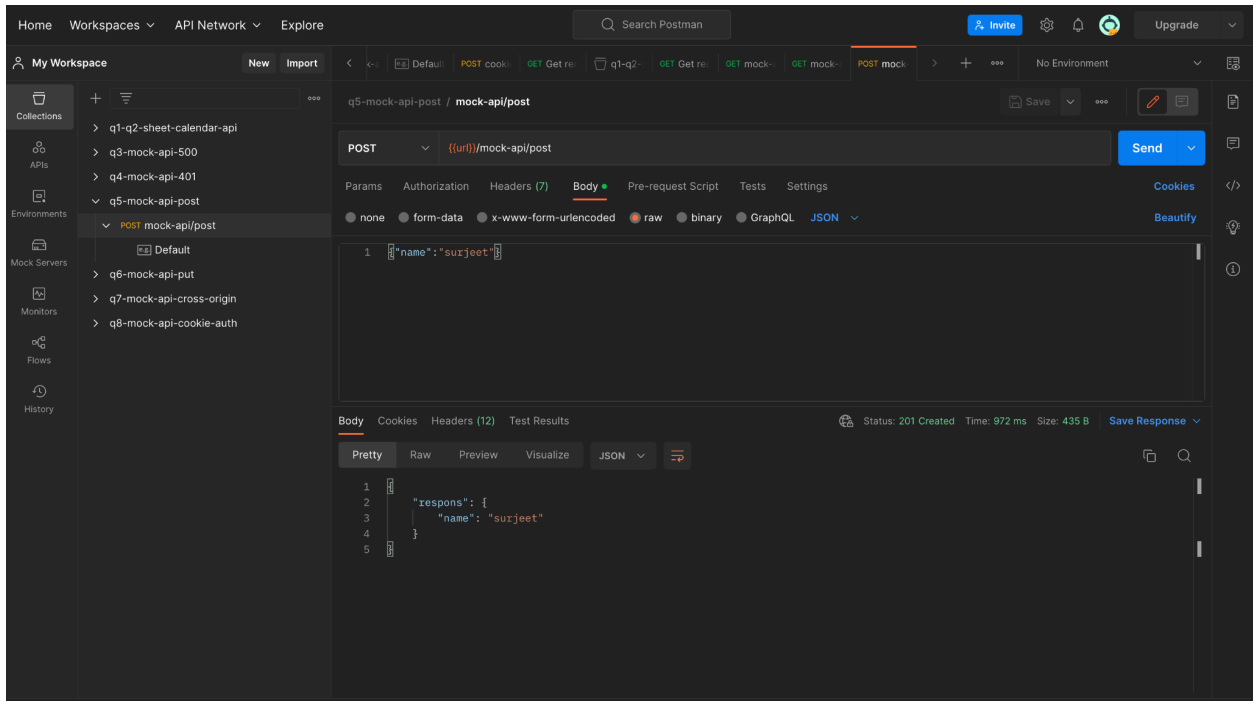
Q3. Create a mock API which returns HTTP 500 and add it to the collection



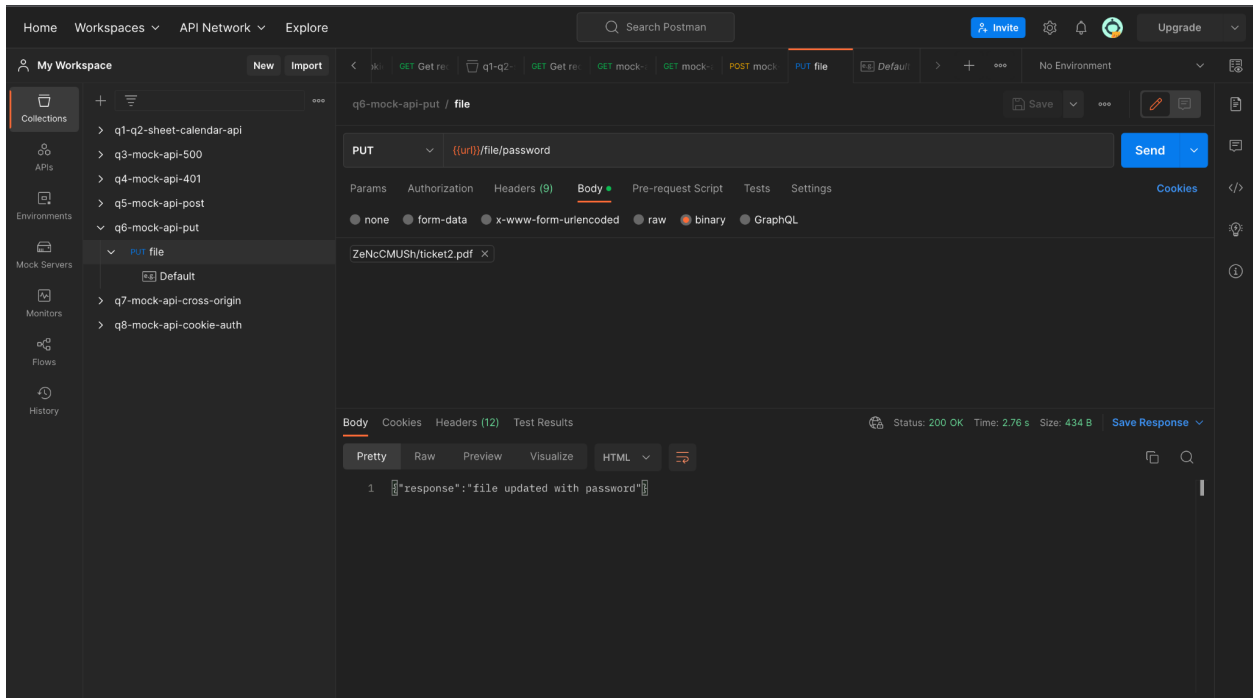
Q4. Create a mock API which returns HTTP 401 and add it to the collection

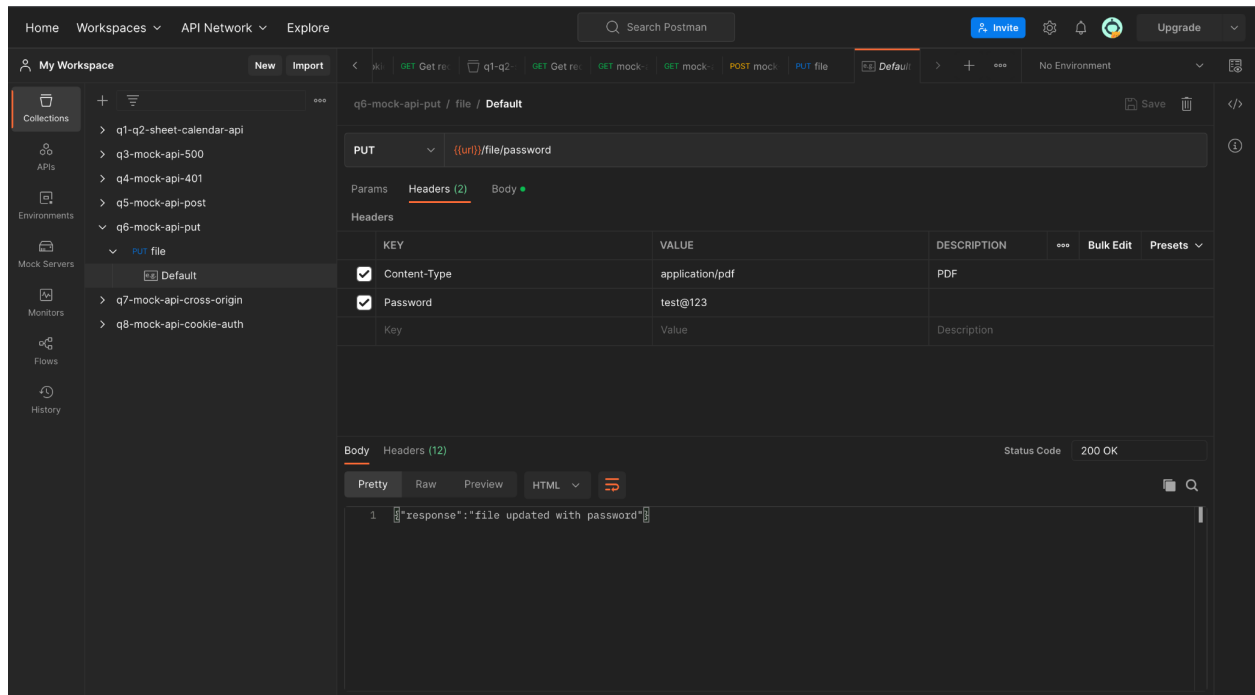


Q5. Create a POST Mock api with an object as a request body which returns status code 201 and add it to the collection

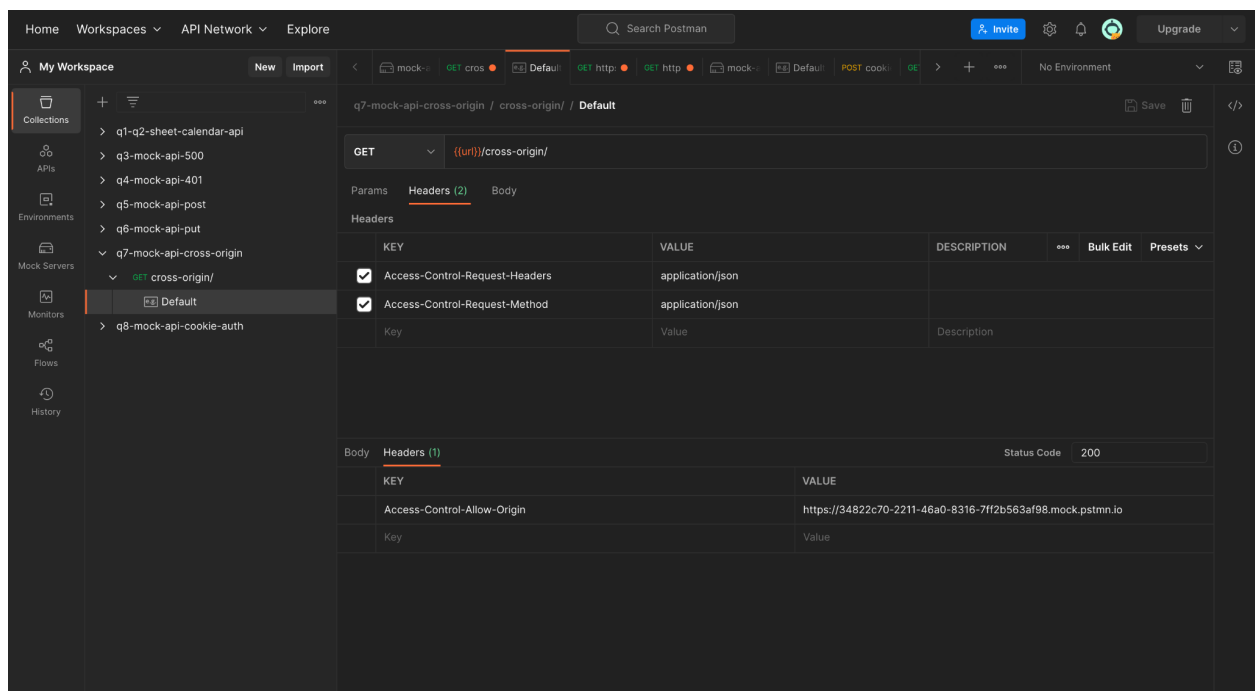


Q6. Create a PUT Mock api with a file as the request body with a user-defined header for the type of file and password for the file returning 200 status and add it to the collection





Q7.Create a mock API which is cross-origin and add it to the collection.



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q7-mock-api-cross-origin / cross-origin/

GET {{url}}/cross-origin/ Send

Params Authorization Headers (7) Body Pre-request Script Tests Settings Cookies

Headers Hide auto-generated headers

KEY	VALUE	DESCRIPTION	Bulk Edit	Presets
<input checked="" type="checkbox"/> Host	<calculated when request is sent>			
<input checked="" type="checkbox"/> User-Agent	PostmanRuntime/7.30.1			
<input checked="" type="checkbox"/> Accept	*/*			
<input checked="" type="checkbox"/> Accept-Encoding	gzip, deflate, br			
<input checked="" type="checkbox"/> Connection	keep-alive			
<input checked="" type="checkbox"/> Access-Control-Request-Headers	application/json			
<input checked="" type="checkbox"/> Access-Control-Request-Method	application/json			

Body Cookies Headers (12) Test Results Status: 200 OK Time: 381 ms Size: 477 B Save Response

KEY	VALUE	DESCRIPTION
x-srv-trace	v=1,t=f57b278bbb38c9c6	
x-srv-span	v=1,s=d5ba158d0ef63e21	
Access-Control-Allow-Origin	https://34822c70-2211-46a0-8316-7ff2b563af98.mock.pstmn.io	
X-RateLimit-Limit	120	
X-RateLimit-Remaining	119	
X-RateLimit-Reset	1676371696	
ETag	W/"1b-OEXFeZHgOs+41J34E14V8Mf0urk"	

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q7-mock-api-cross-origin / cross-origin/

GET {{url}}/cross-origin/ Send

Params Authorization Headers (7) Body Pre-request Script Tests Settings Cookies

Headers Hide auto-generated headers

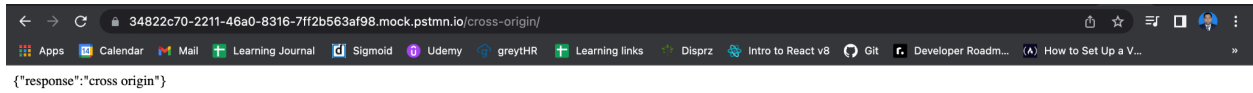
KEY	VALUE	DESCRIPTION	Bulk Edit	Presets
<input checked="" type="checkbox"/> Host	<calculated when request is sent>			
<input checked="" type="checkbox"/> User-Agent	PostmanRuntime/7.30.1			
<input checked="" type="checkbox"/> Accept	*/*			
<input checked="" type="checkbox"/> Accept-Encoding	gzip, deflate, br			
<input checked="" type="checkbox"/> Connection	keep-alive			
<input checked="" type="checkbox"/> Access-Control-Request-Headers	application/json			
<input checked="" type="checkbox"/> Access-Control-Request-Method	application/json			

Body Cookies Headers (12) Test Results Status: 200 OK Time: 381 ms Size: 477 B Save Response

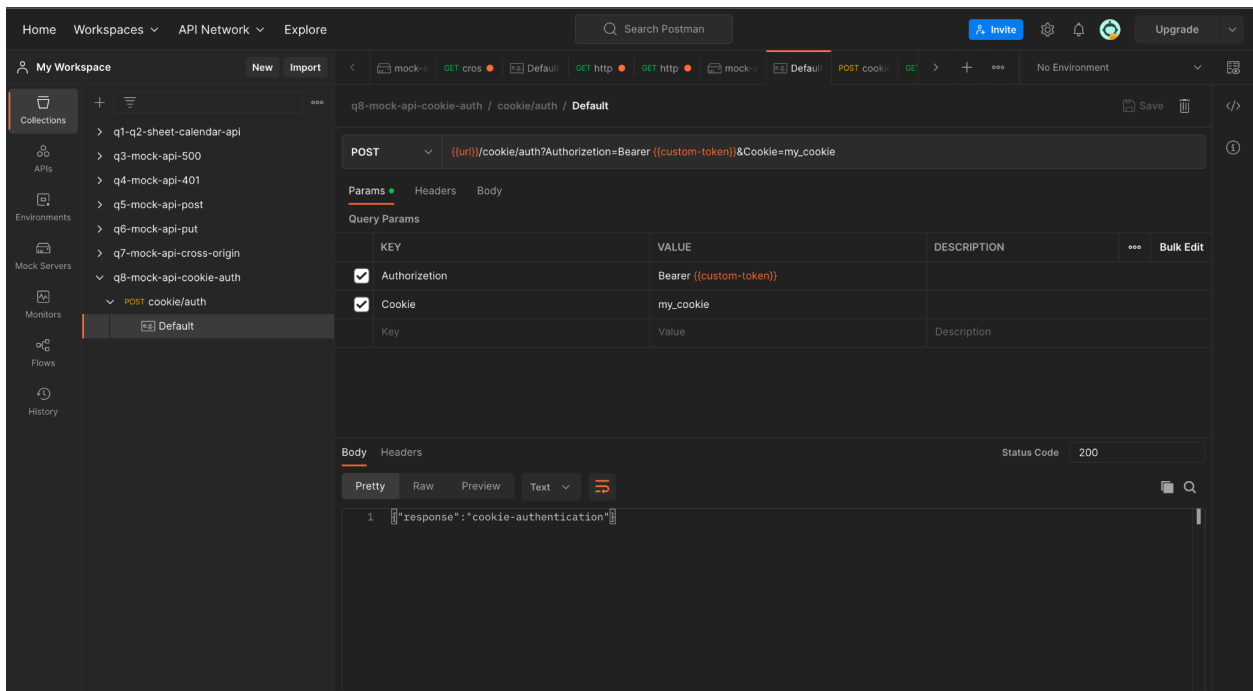
Pretty Raw Preview Visualize HTML

```
1 {"response":"cross origin"}
```

## Browser output



Q8.Create a mock API which sends cookie for authentication and a custom token as part of authentication as well returning any status and add it to the collection.



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q8-mock-api-cookie-auth / cookie/auth

POST {{url}}/cookie/auth Send

Params Authorization Headers (8) Body Pre-request Script Tests Settings Cookies

Headers Hide auto-generated headers

KEY	VALUE	DESCRIPTION	Bulk Edit	Presets
<input checked="" type="checkbox"/> Authorization	① Bearer test@123			
<input checked="" type="checkbox"/> Content-Length	① 0			
<input checked="" type="checkbox"/> Host	① <calculated when request is sent>			
<input checked="" type="checkbox"/> User-Agent	① PostmanRuntime/7.30.1			
<input checked="" type="checkbox"/> Accept	① */*			
<input checked="" type="checkbox"/> Accept-Encoding	① gzip, deflate, br			
<input checked="" type="checkbox"/> Connection	① keep-alive			
<input checked="" type="checkbox"/> Cookie	application/json			
Key	Value	Description		

Body Cookies Headers (12) Test Results Status: 200 OK Time: 442 ms Size: 429 B Save Response

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```
1 {"response": "cookie-authentication"}
```

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q8-mock-api-cookie-auth / cookie/auth

POST {{url}}/cookie/auth Send

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

Headers Hide auto-generated headers

KEY	VALUE	DESCRIPTION	Bulk Edit	Presets
<input checked="" type="checkbox"/> Authorization	① Bearer test@123			
<input checked="" type="checkbox"/> Content-Length	① 0			
<input checked="" type="checkbox"/> Host	① <calculated when request is sent>			
<input checked="" type="checkbox"/> User-Agent	① PostmanRuntime/7.30.1			
<input checked="" type="checkbox"/> Accept	① */*			
<input checked="" type="checkbox"/> Accept-Encoding	① gzip, deflate, br			
<input checked="" type="checkbox"/> Connection	① keep-alive			
<input checked="" type="checkbox"/> Authorization	Bearer {{custom-token}}			
<input checked="" type="checkbox"/> Cookie	application/json			
Key	Value	Description		

Body Cookies Headers (12) Test Results Status: 200 OK Time: 360 ms Size: 429 B Save Response

Pretty Raw Preview Visualize HTML

```
1 {"response": "cookie-authentication"}
```