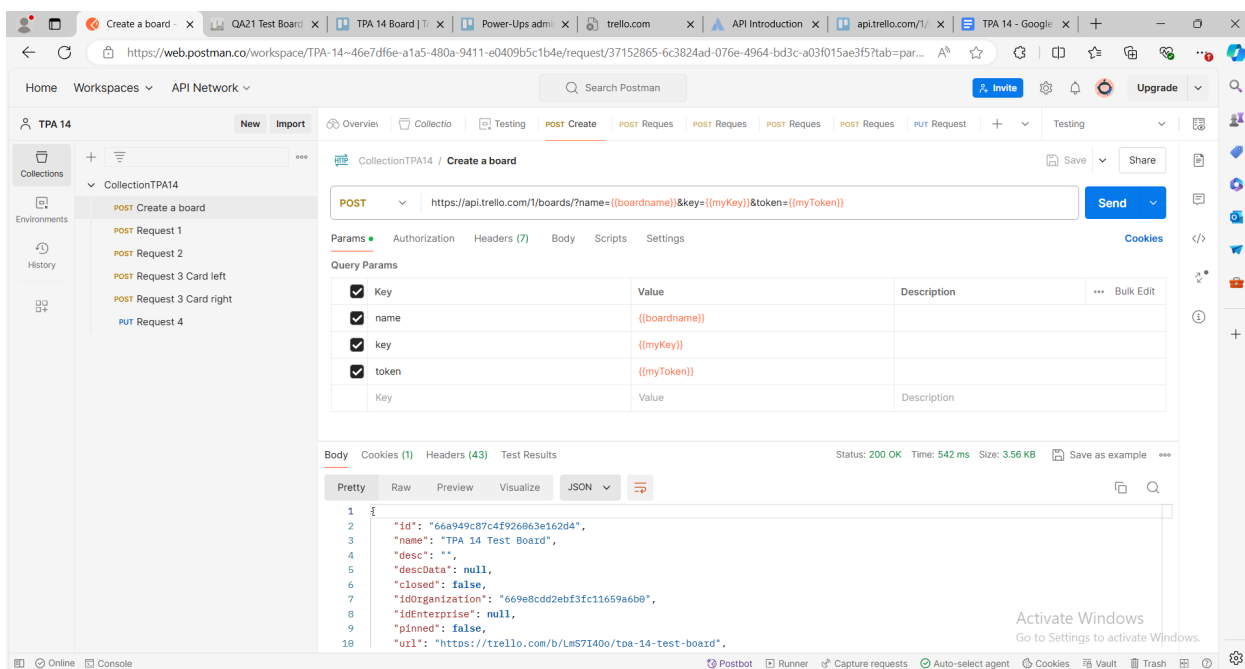


Deschide documentația din [Trello API](#).

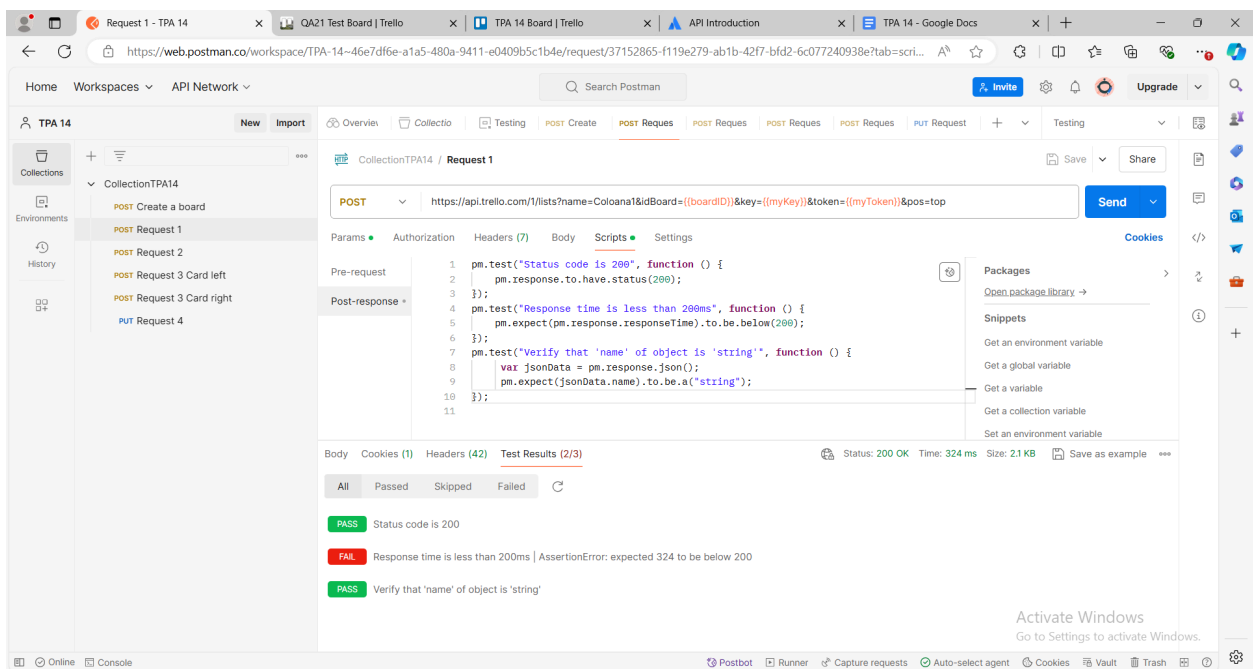
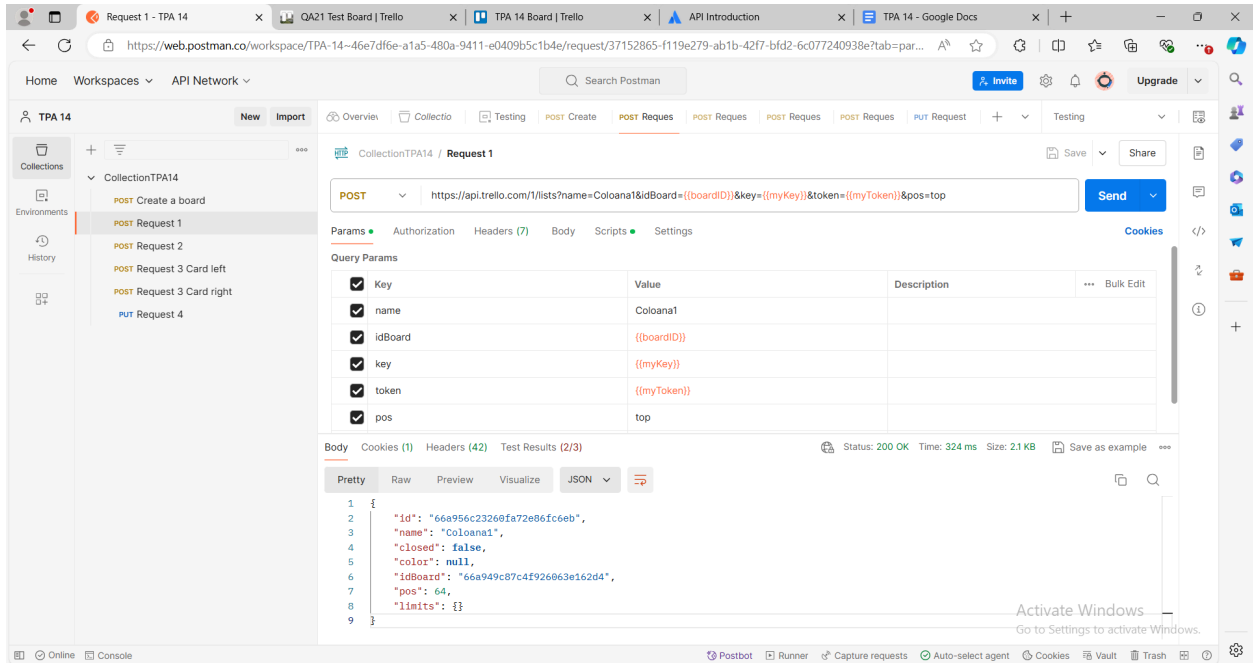
Studiază documentația, vezi ce acțiuni pot fi efectuate prin cereri.
Înainte de a începe îndeplinirea temei:

1. Înregistrează-te și conectează-te la resursă: [Manage Your Team's Projects From Anywhere | Trello](#)
2. Generează o API key pentru developeri și un token (instrucțiuni la link-ul: [Instrucțiuni pentru obținerea unei API key și a unui token](#))
3. Creează un test board folosind API și Postman, în care să efectuezi toate sarcinile care urmează.

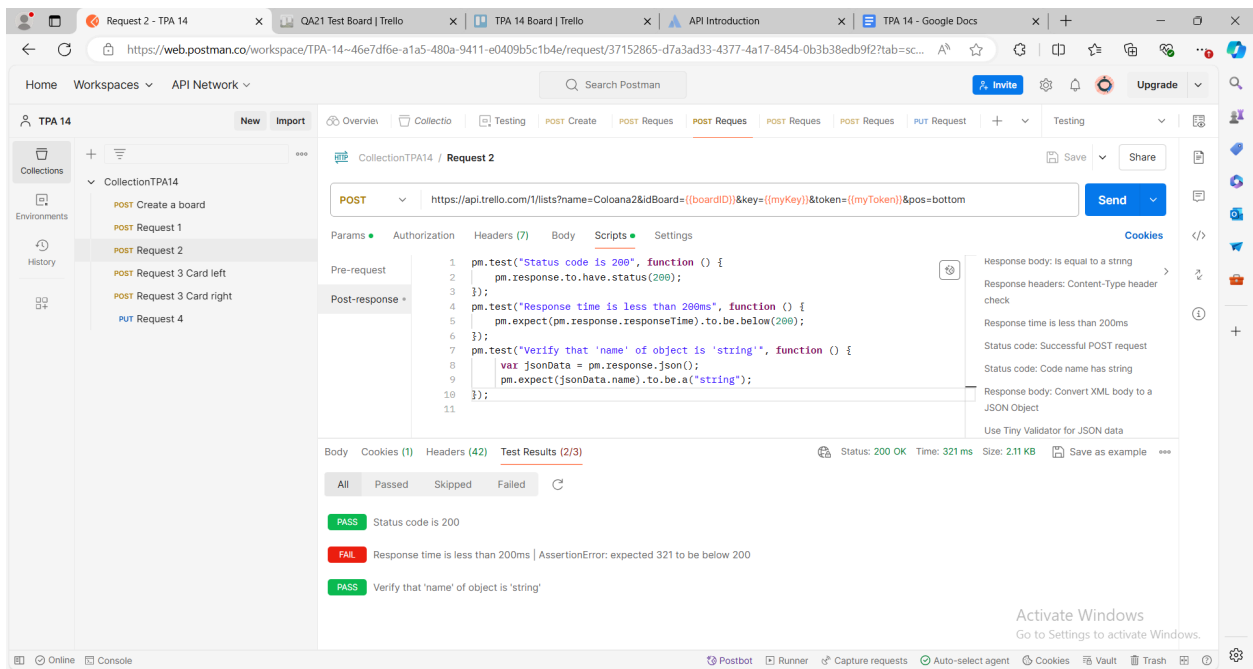
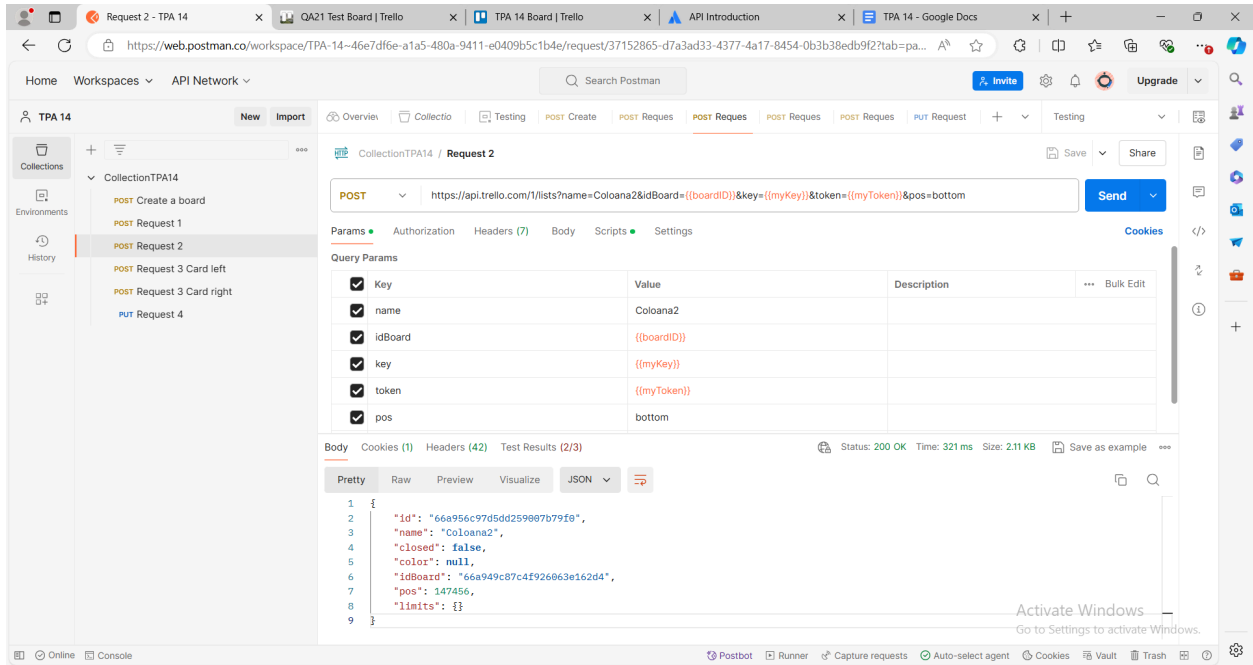


Creează următoarele cereri prin Postman:

1. Creează o coloană pe board-ul din stânga, în secțiunea de documentație, numită **“Create a new List”**, adaugă teste pentru: a verifica starea codului; a verifica timpul cererii; a verifica dacă valoarea “name” este un șir de caractere.



2. Creează o coloană pe board-ul din dreapta, în secțiunea de documentație, numită **“Create a new List”**, adaugă teste pentru: a verifica starea codului; a verifica timpul cererii; a verifica dacă valoarea “name” este un șir de caractere.



3. Creează câte un card în fiecare dintre coloanele care au fost create în sarcinile 1 și 2 pe board (2 carduri în total) în secțiunea de documentație numită **“Create a new Card”**, creează câte un card în fiecare coloană care se află pe board, adaugă teste

pentru: a verifica starea codului; a verifica timpul cererii; a verifica dacă valoarea "id" este un șir de caractere.

The screenshot shows the Postman interface with a workspace named 'TPA 14'. The left sidebar lists collections, including 'CollectionTPA14' which contains several requests. The main panel displays a 'POST' request to the URL `https://api.trello.com/1/cards?idList=66a956c23260fa72e86fc6eb&key={{myKey}}&token={{myToken}}`. The 'Query Params' section shows four parameters: 'Key', 'idList', 'key', and 'token', each with a checkbox and a value field. The 'Body' tab is selected, showing a JSON response in 'Pretty' format. The response status is '200 OK' with a time of '945 ms' and a size of '3.09 KB'. The JSON body contains an 'id' field with a long alphanumeric string, a 'badges' object, and an 'attachmentsByType' object with a 'trello' sub-object containing 'board' and 'card' fields.

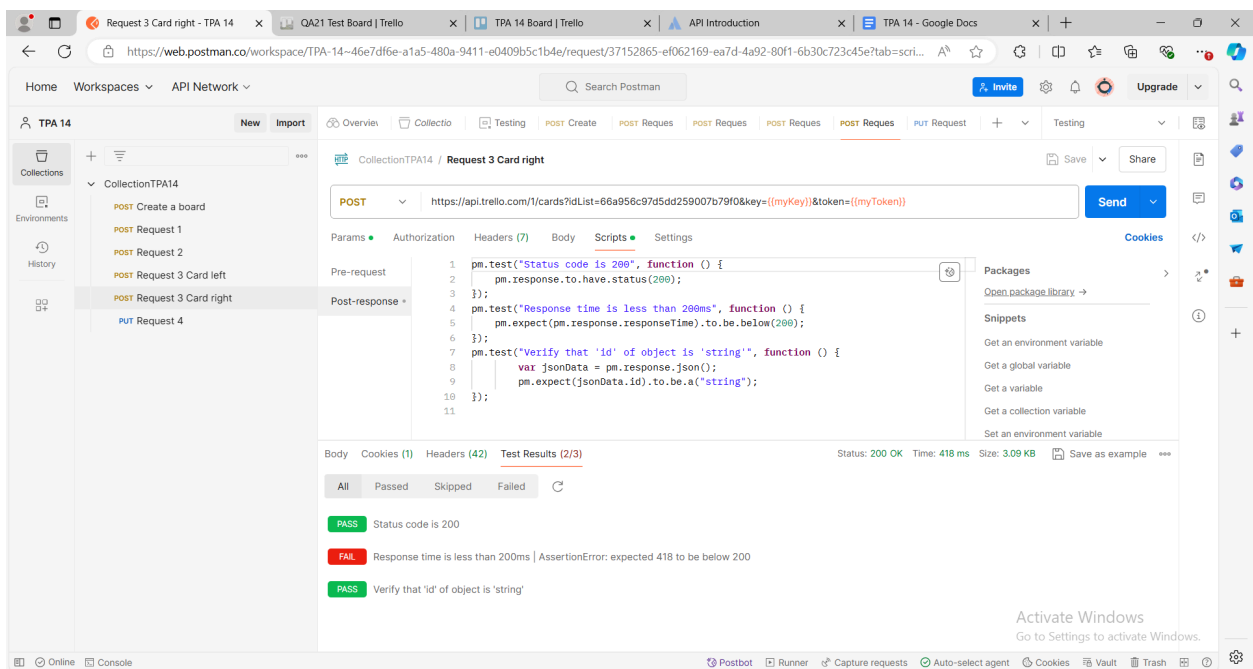
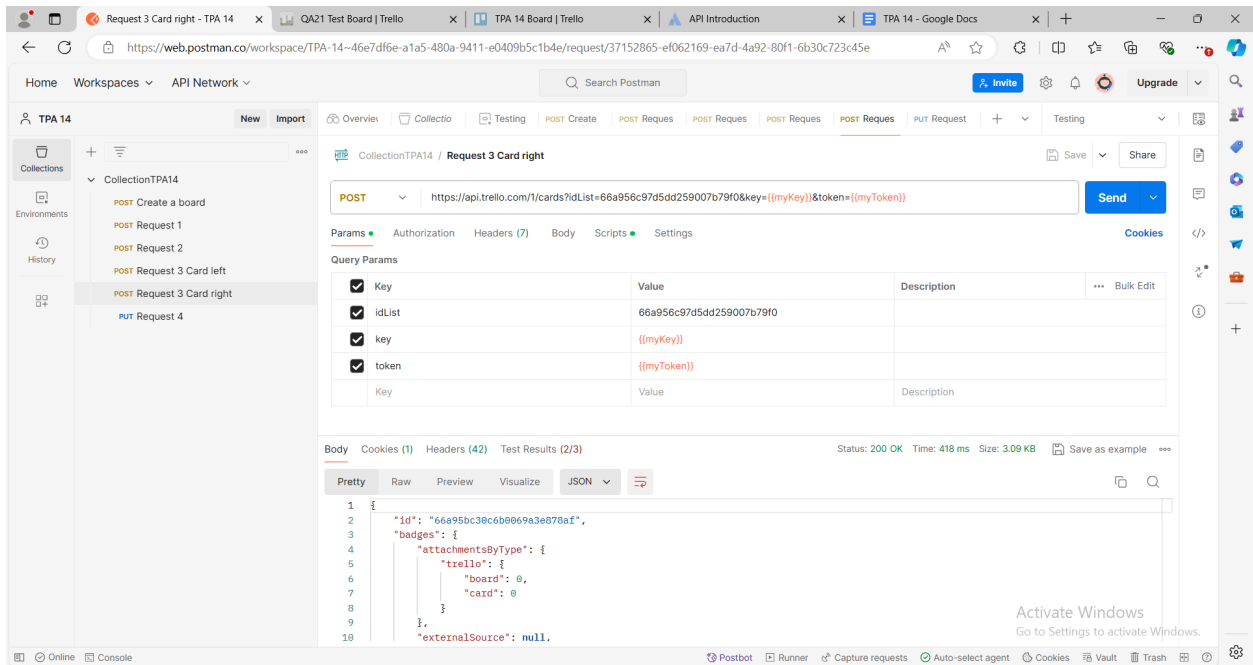
Key	Value	Description
<input checked="" type="checkbox"/> Key		
<input checked="" type="checkbox"/> idList	66a956c23260fa72e86fc6eb	
<input checked="" type="checkbox"/> key	{{myKey}}	
<input checked="" type="checkbox"/> token	{{myToken}}	
Key	Value	Description

```
1 {
2   "id": "66a95b4e1e77851aa29c58ea",
3   "badges": {},
4   "attachmentsByType": {
5     "trello": {
6       "board": 0,
7       "card": 0
8     }
9   },
10  "externalSource": null,
11 }
```

This screenshot shows the same Postman interface as the previous one, but with the 'Test Results' tab selected. It displays a list of tests that were executed against the response. The tests include checks for the status code (200), response time (less than 200ms), and the type of the 'id' field (string). The results show that the status code and 'id' type checks passed, while the response time check failed because the actual time (945ms) was greater than the expected time (200ms).

```
1 pm.test("Status code is 200", function () {
2   pm.response.to.have.status(200);
3 });
4 pm.test("Response time is less than 200ms", function () {
5   pm.expect(pm.response.responseTime).to.be.below(200);
6 });
7 pm.test("Verify that 'id' of object is 'string'", function () {
8   var jsonData = pm.response.json();
9   pm.expect(jsonData.id).to.be.a("string");
10 });
11
```

Test Results (2/3)
PASS Status code is 200
FAIL Response time is less than 200ms AssertionError: expected 945 to be below 200
PASS Verify that 'id' of object is 'string'



4. Actualizează informațiile despre board-ul creat în secțiunea documentației numită **"Update a Board"**. Schimbă numele board-ului, adaugă o descriere a acestuia și adaugă teste pentru: a verifica starea codului; a verifica timpul cererii.

Request 4 - TPA 14

QA21 Test Board | Trello

TPA 14 Board | Trello

API Introduction

TPA 14 - Google Docs

Home Workspaces API Network

Search Postman

TPA 14

New Import

Overview Collection Testing POST Create POST Reques POST Reques POST Reques POST Reques PUT Request Testing

CollectionTPA14 / Request 4

PUT https://api.trello.com/1/boards/{{boardID}}?key={{myKey}}&token={{myToken}}&name=TPA 14 Board&desc=Board for TPA 14 tasks

Params Authorization Headers (7) Body Scripts Settings Cookies

Query Params

Key	Value	Description	Bulk Edit
<input checked="" type="checkbox"/> key	{{myKey}}		
<input checked="" type="checkbox"/> token	{{myToken}}		
<input checked="" type="checkbox"/> name	TPA 14 Board		
<input checked="" type="checkbox"/> desc	Board for TPA 14 tasks		
Key	Value	Description	

Body Cookies (1) Headers (42) Test Results (1/2) Status: 200 OK Time: 723 ms Size: 3.53 KB Save as example

Pretty Raw Preview Visualize JSON

```
1 {
2   "id": "66a949c87c4f926863e162d4",
3   "name": "TPA 14 Board",
4   "desc": "Board for TPA 14 tasks",
5   "descData": {
6     "emoji": {}
7   },
8   "closed": false,
9   "idOrganization": "669e8cdd2ebf3fc11659a6b0",
10  "idEnterprise": null,
```

Activate Windows
Go to Settings to activate Windows.

Online Console

Postbot Runner Capture requests Auto-select agent Cookies Vault Trash

Request 4 - TPA 14

QA21 Test Board | Trello

TPA 14 Board | Trello

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TPA 14 - Google Docs

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TPA 14

New Import

Overview Collection Testing POST Create POST Reques POST Reques POST Reques POST Reques PUT Request Testing

CollectionTPA14 / Request 4

PUT https://api.trello.com/1/boards/{{boardID}}?key={{myKey}}&token={{myToken}}&name=TPA 14 Board&desc=Board for TPA 14 tasks

Params Authorization Headers (7) Body Scripts Settings Cookies

Pre-request

```
1 pm.test("Status code is 200", function () {
2   pm.response.to.have.status(200);
3 });
```

Post-response

```
4 pm.test("Response time is less than 200ms", function () {
5   pm.expect(pm.response.responseTime).to.be.below(200);
6 });
```

Body Cookies (1) Headers (42) Test Results (1/2) Status: 200 OK Time: 723 ms Size: 3.53 KB Save as example

All Passed Skipped Failed

PASS Status code is 200

FAIL Response time is less than 200ms | AssertionError: expected 723 to be below 200

Activate Windows
Go to Settings to activate Windows.

Online Console

Postbot Runner Capture requests Auto-select agent Cookies Vault Trash