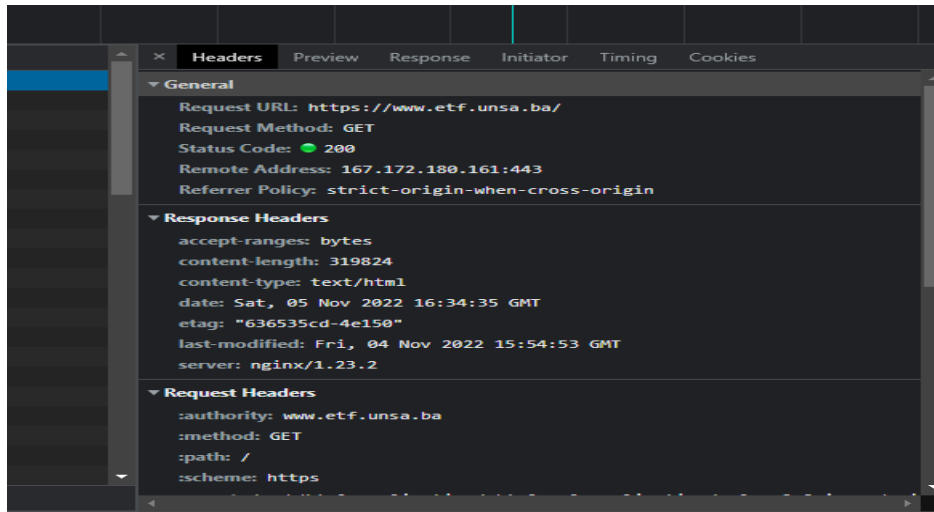


Izveštaj-vježba broj 2

Zadatak 1. Snimite zahtjev i odgovor koji se šalje kada otvorite stranicu [etf.unsa.ba](https://www.etf.unsa.ba) u pregledniku. Napišite izveštaj i odgovorite na sljedeća pitanja:

a. Kojom HTTP metodom se šalje zahtjev?

Zahtjev se šalje GET metodom.



b. Koliko je vremena trebalo da dođe prvi, a koliko za posljednji odgovor od servera?

Za prvi odgovor bilo je potrebno 1ms, a za posljednji 1,87s.

Name	Status	Type	Initiator	Size	Time	Waterfall
www.etf.unsa.ba	200	document	Other	320 kB	1.87 s	
css?family=Roboto:wght@100;300;400;900&display=swap	200	stylesheet	(index)	(disk cache)	6 ms	
css?family=Fira+Sans&display=swap	200	stylesheet	(index)	(disk cache)	9 ms	
css?family=Fira+Sans&family=Oxygen&family=Roboto	200	stylesheet	(index)	(disk cache)	10 ms	
css?family=Fira+Sans&family=Minam+Libre&family=Oxygen&family=...	200	stylesheet	(index)	(disk cache)	13 ms	
css?family=Fira+Sans&family=Minam+Libre&family=Oxygen&fa...	200	stylesheet	(index)	(disk cache)	8 ms	
css?family=Fira+Sans&family=Minam+Libre&family=O...=Raleway...	200	stylesheet	(index)	(disk cache)	9 ms	
css?family=Barlow:wght@100;400;500;700&family=Inter;_yl=Source+Sa...	200	stylesheet	(index)	(disk cache)	8 ms	
css?family=Lato:Roboto&display=swap	400	stylesheet	(index)	22 B	74 ms	
webpack-runtime-0d1aea841014527eb81.js	200	script	(index)	(disk cache)	24 ms	
framework-704cee9a0e2ba7e877.js	200	script	(index)	(disk cache)	78 ms	
app-989b04643b0f099758.js	200	script	(index)	(disk cache)	120 ms	
252f66e-1dd41db79579d302ce78.js	200	script	(index)	(disk cache)	54 ms	
1bf6d850-135907277c89945cc3d2.js	200	script	(index)	(disk cache)	56 ms	
17007d4e1-3105d43975a1e62e585.js	200	script	(index)	(disk cache)	56 ms	
d64684b-4007a1bae4d0646e213f.js	200	script	(index)	(disk cache)	56 ms	
5e2a4920-7264a093d2d31e6c9.js	200	script	(index)	(disk cache)	58 ms	
0e42bae2-5556ada56b55a0144e.js	200	script	(index)	(disk cache)	57 ms	
f663d6ca4500c7db12d33db53fab2d91314a81c-01b40b75edc069d9f2...	200	script	(index)	(disk cache)	98 ms	
1b25da246f6750b508b60369900287695123376-30cc12da7e3b46a4d2f.js	200	script	(index)	(disk cache)	85 ms	
component--src-templates-page-jr-b7bf60c7339788b5127.js	200	script	(index)	(prefetch cache)	105 ms	

67 requests 320 kB transferred 10.4 MB resources Finish: 3.12 s DOMContentLoaded: 2.22 s Load: 3.10 s

- c. Snimite jedan od zahtjeva i odgovora za dobavljanje slike! Koja je veličina tijela odgovora? Nabrojite koji se sve headeri nalaze u zahtjevu, a koji u odgovoru i opišite njihovo značenje na konkretnom primjeru!

Veličina tijela odgovora je 455362 bytes. Headeri koji se nalaze su accept ranges, content length, content-type, date, etag, last modified, server.

accept - ranges- predstavlja mjernu jedinicu za velicinu odgovora

content - length- daje velicinu odgovora izrazenu u bajtima

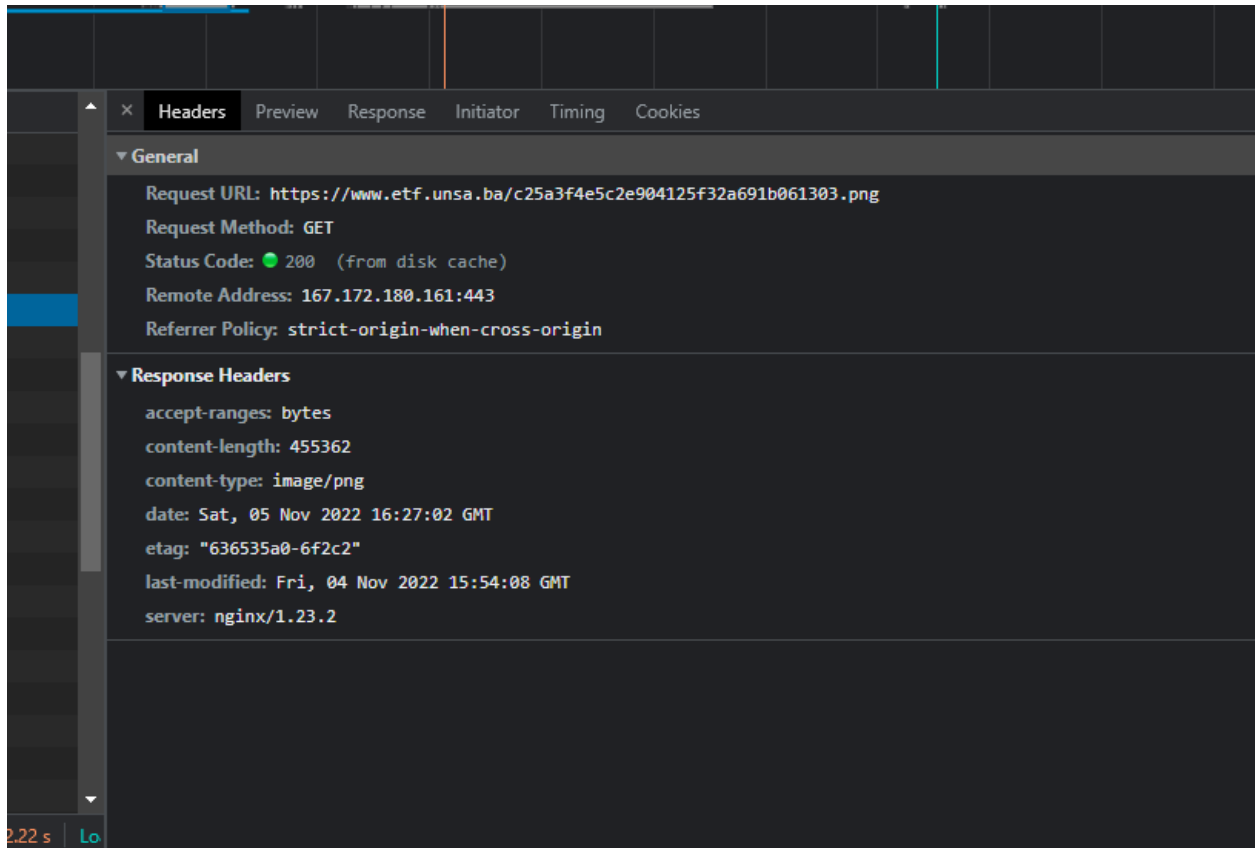
content - type- tip odgovora(image/png)

date - vrijeme slanja zahtjeva

etag - identifikator za resurse

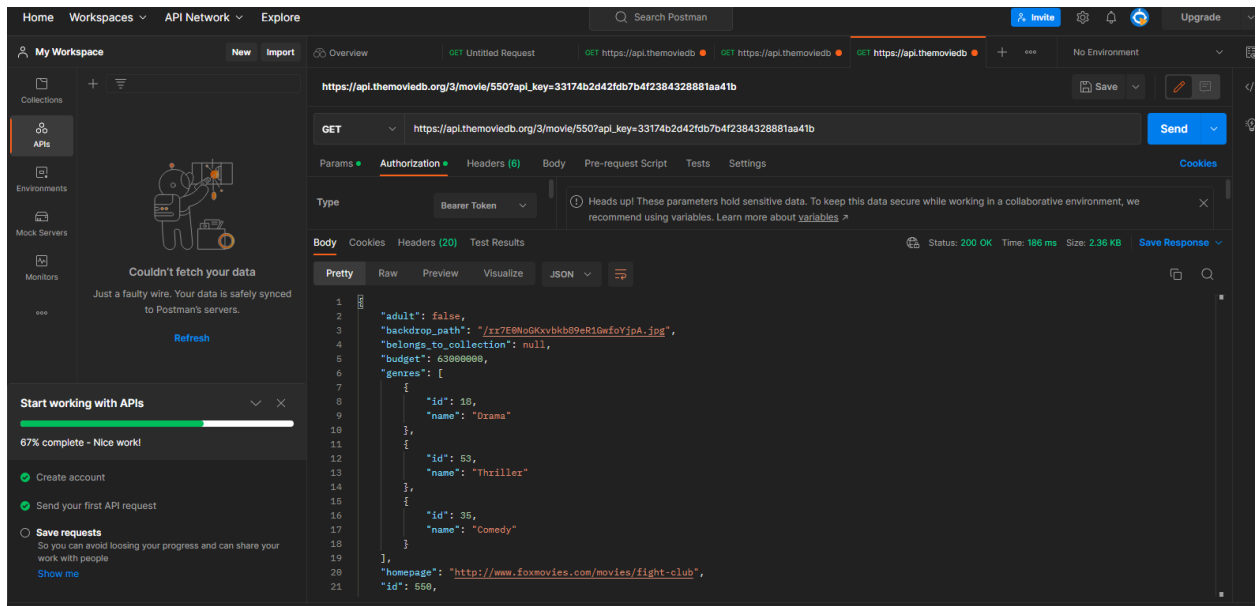
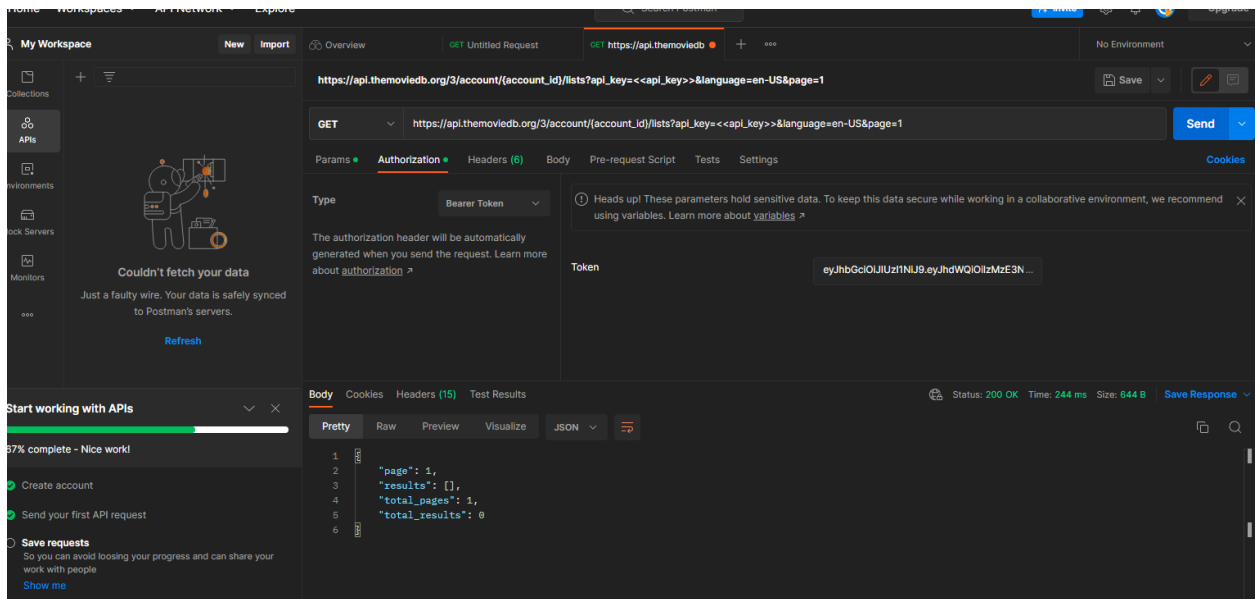
last-modified - zadnje izmijene na serveru

server- informacije u operativnom sistemu



- d. Koliko je ukupno zahtjeva upućeno?

Upućeno je ukupno 67 zahtjeva.



- c. Uputite zahtjev i snimite koji je odgovor! Iz odgovora iščitajte:
- header-e - pronađite šta svaki od njih znači
 - status code
 - vrijeme
 - koji je tip sadržaja odgovora

HEADER:

The screenshot shows a REST client interface with a GET request to `https://api.themoviedb.org/3/movie/550?api_key=33174b2d42fdb7b4f2384328881aa41b`. The response status is 200 OK, with a time of 186 ms and a size of 2.36 KB. The 'Headers' tab is selected, displaying 20 headers.

KEY	VALUE	DESCRIPTION
Key	Value	Description
Content-Type	application/json; charset=utf-8	
Transfer-Encoding	chunked	
Connection	keep-alive	
Date	Sat, 05 Nov 2022 18:20:37 GMT	
Server	openresty	
Cache-Control	public, max-age=28800	
X-Memc	HIT	
X-Memc-Key	8f3dc9fbf00ec8ef64b14b7080f4013a23d639da	
X-Memc-Age	11013	
X-Memc-Expires	3839	
ETag	W/"40a335828236d3e0ccae9c38ffc50ab2"	
Content-Encoding	br	

STATUS CODE- Status code je 200 OK

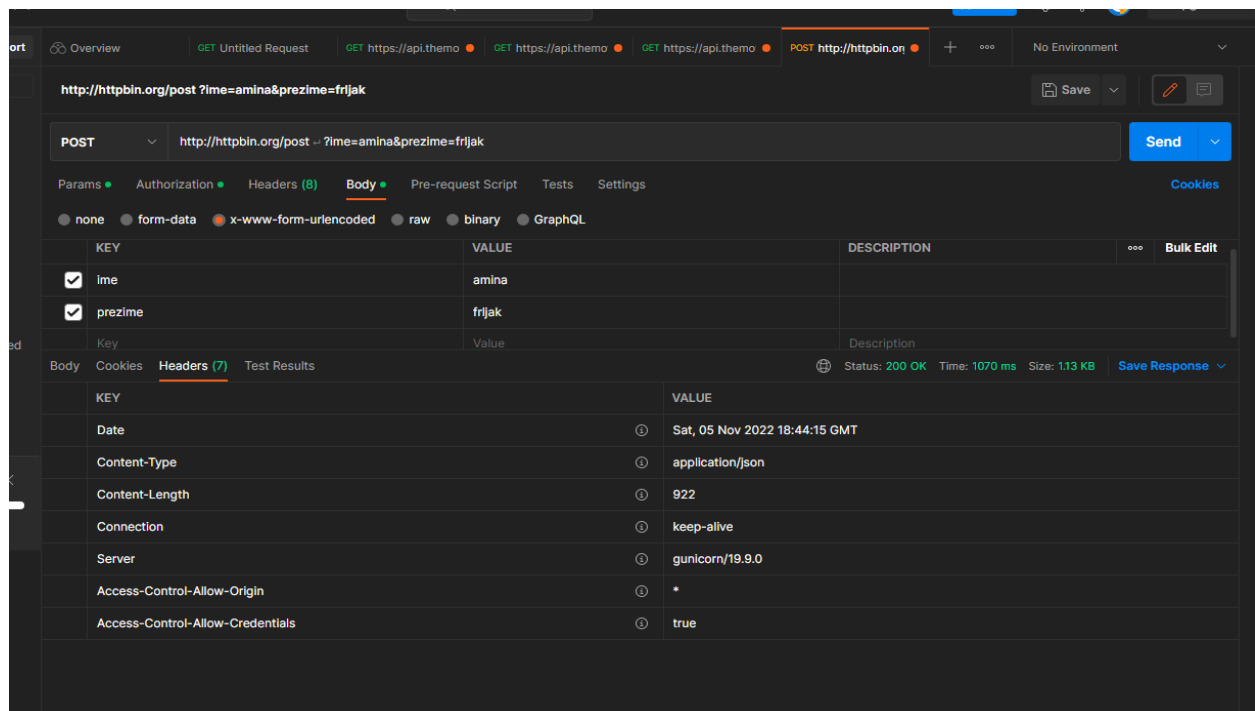
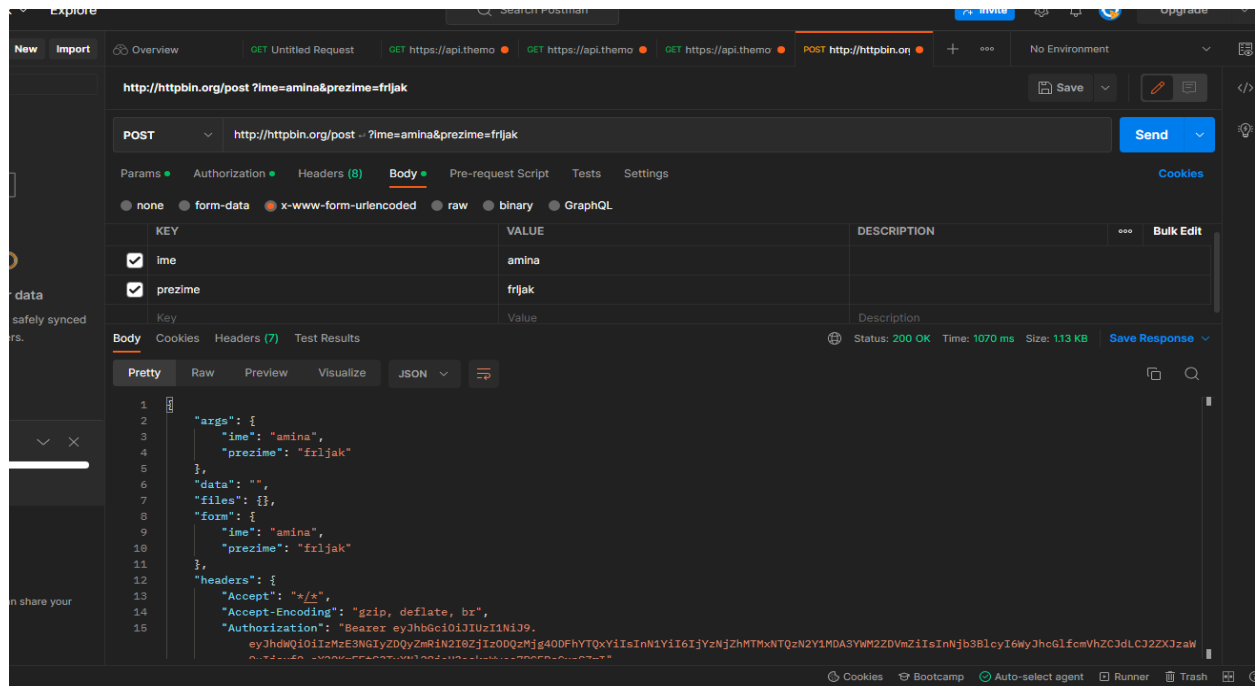
VRIJEME- Vrijeme izvršavanja iznosi 186 ms

TIP SADRŽAJA ODGOVORA- Tip sadržaja odgovora je application/json; charset=utf8

Zadatak 2.b

Putem POSTMAN-a uputite sljedeće zahtjeve i dokumentujte odgovore kao u prethodnom zadatku:

- a. POST sa podacima ime – vaše ime, prezime – vaše prezime kodiranim kao JSON na URL <http://httpbin.org/post>



Date – vrijeme slanja zahtijeva

Content-Type – tip body parametra kojeg saljemo

Content-Length – velicina body parametra, u ovom slucaju 922

Connection – kontrola konekcije

Server

Access-Control-Allow-Origin

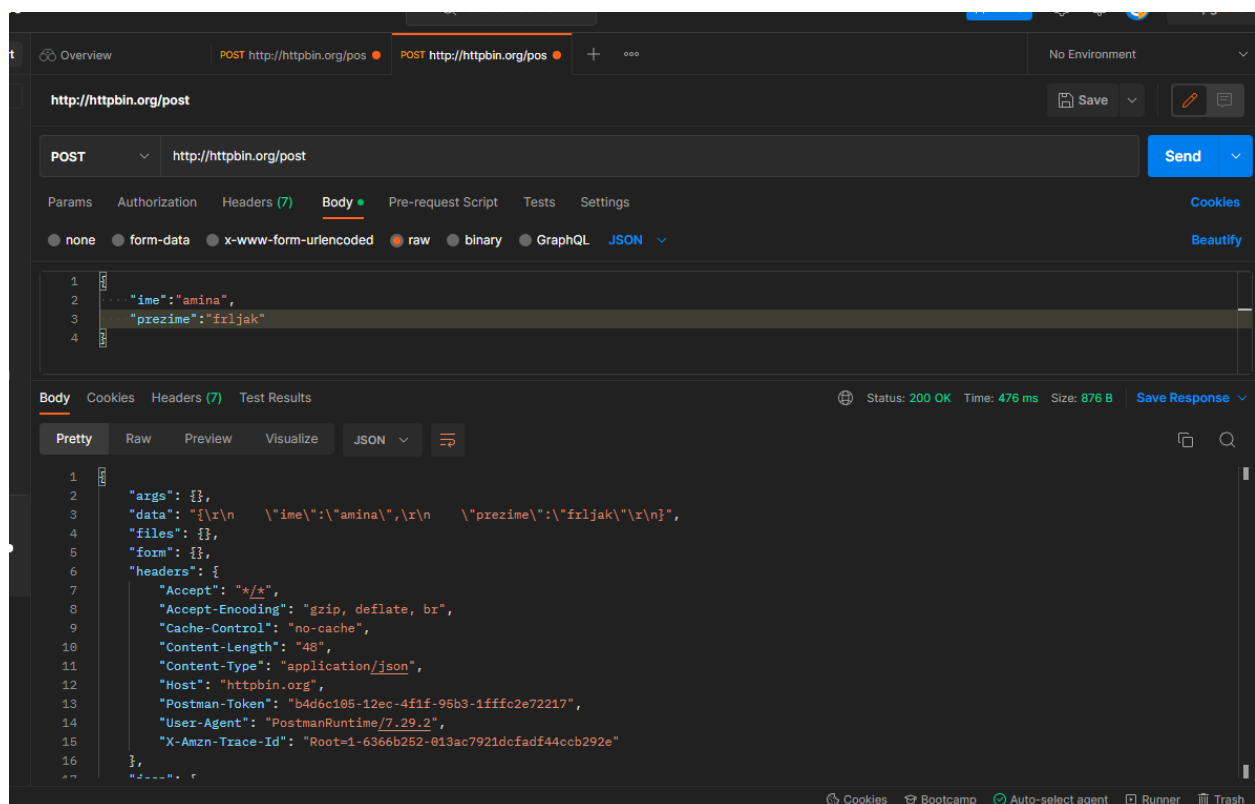
Access-Control-Allow-Credentials

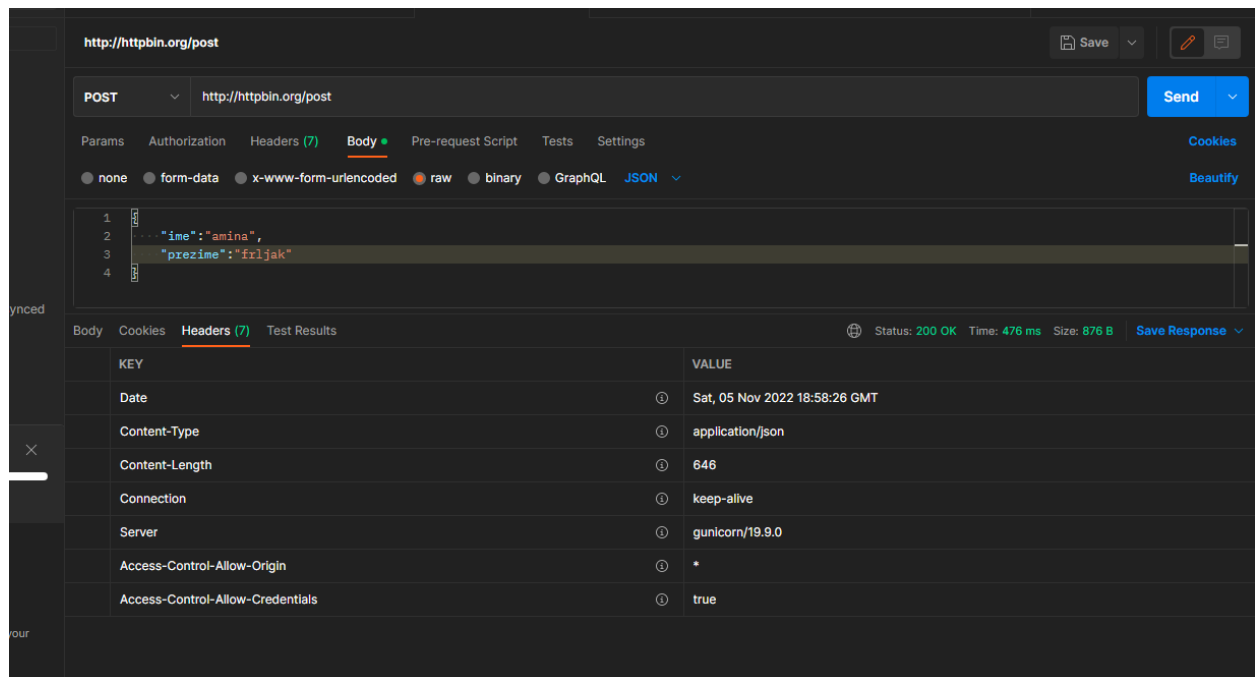
Status code je 200 OK, te je zahtijev uspjesno obradjen.

Vrijeme izvršavanja je 542 ms.

Tip sadržaja je application/json.

- b. POST sa podacima ime – vaše ime, prezime – vaše prezime kodiranim kao JSON na URL <http://httpbin.org/post>





Date – vrijeme slanja zahtijeva

Content-Type – tip body parametra kojeg saljemo (application/json)

Content-Length – velicina body parametra, u ovom slucaju 646

Connection – kontrola konekcije , keep alive

Server

Access-Control-Allow-Origin

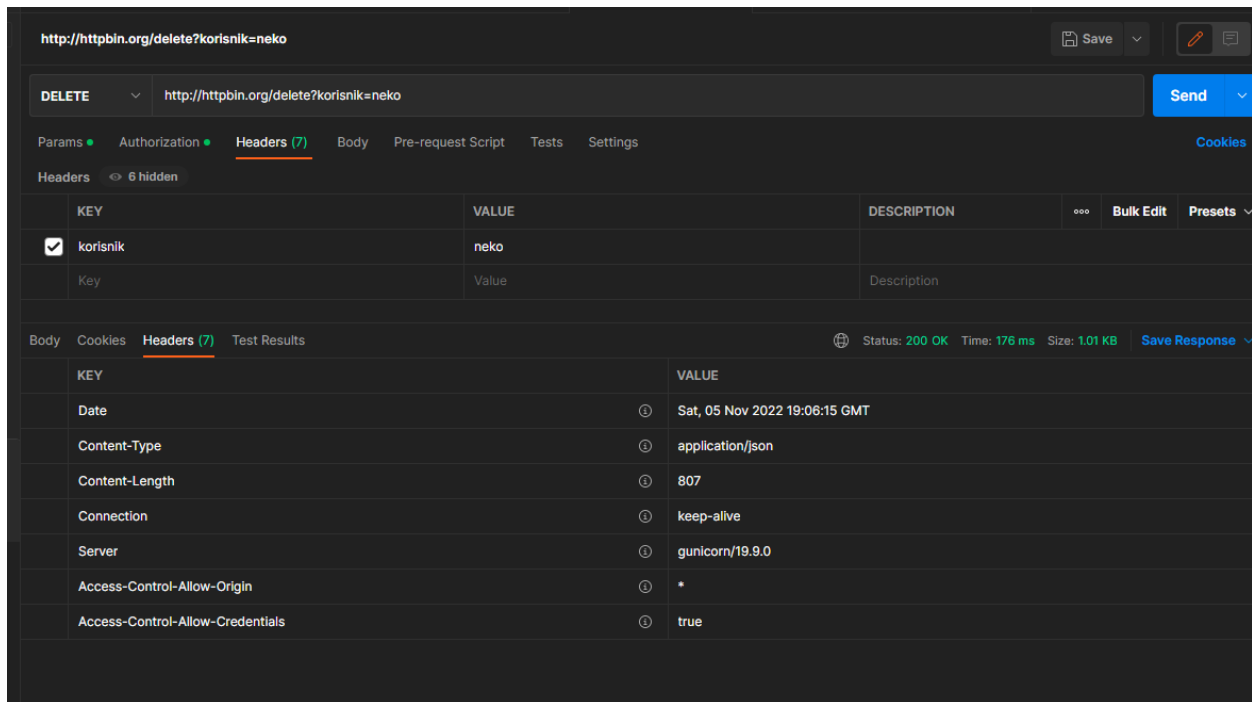
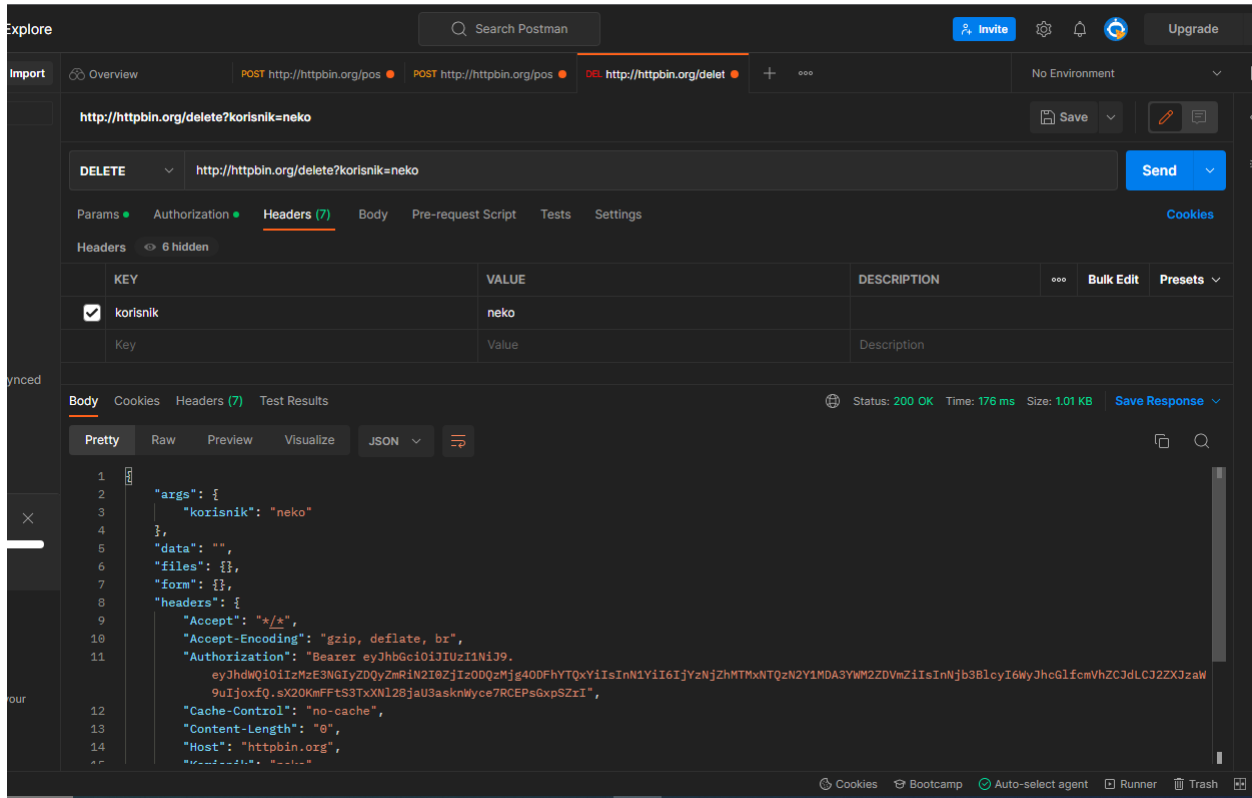
Access-Control-Allow-Credentials

Status code je 200 OK, te je zahtijev uspjesno obradjen.

Vrijeme izvršavanja je 476 ms.

Tip sadržaja je application/json.

c. DELETE na url <http://httpbin.org/delete> gdje je parametar korisnik koji ima vrijednost neko



Date – vrijeme slanja zahtjeva

Content-Type – tip body parametra kojeg saljemo (application/json)

Content-Length – velicina body parametra, u ovom slucaju 807

Connection – kontrola konekcije , keep alive

Server

Access-Control-Allow-Origin

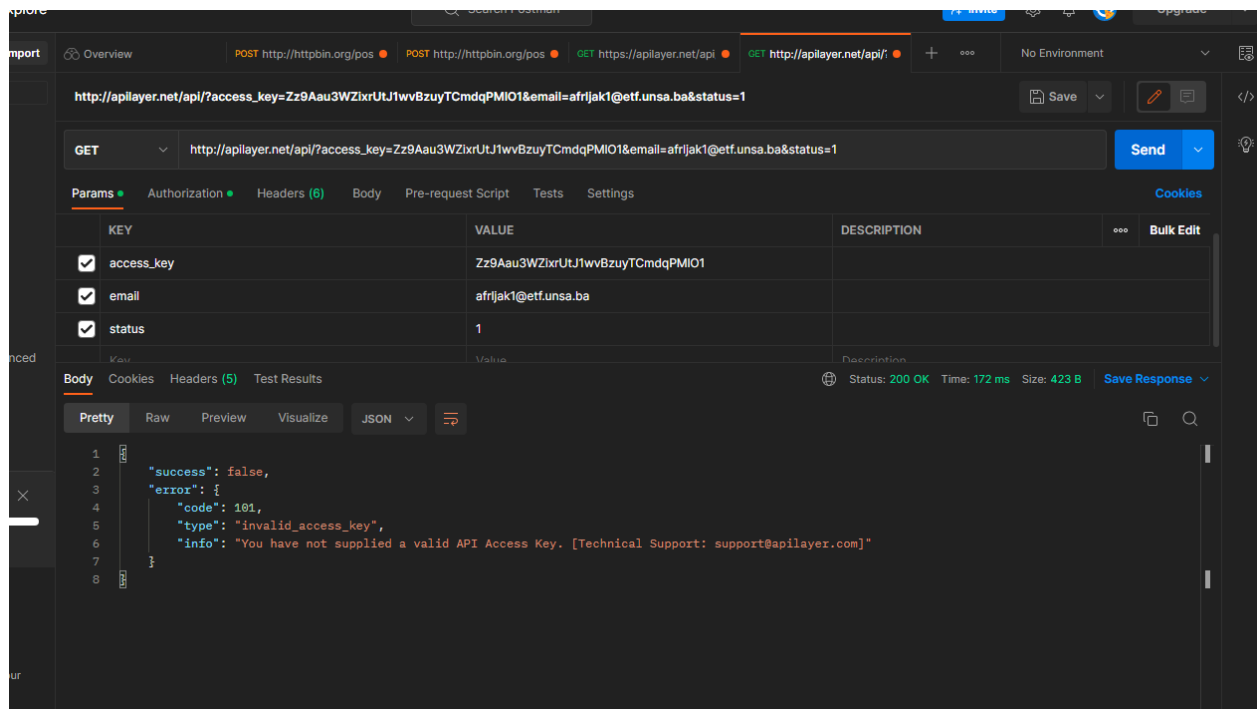
Access-Control-Allow-Credentials

Status code je 200 OK, te je zahtijev uspjesno obradjen.

Vrijeme izvorsavanja je 176 ms.

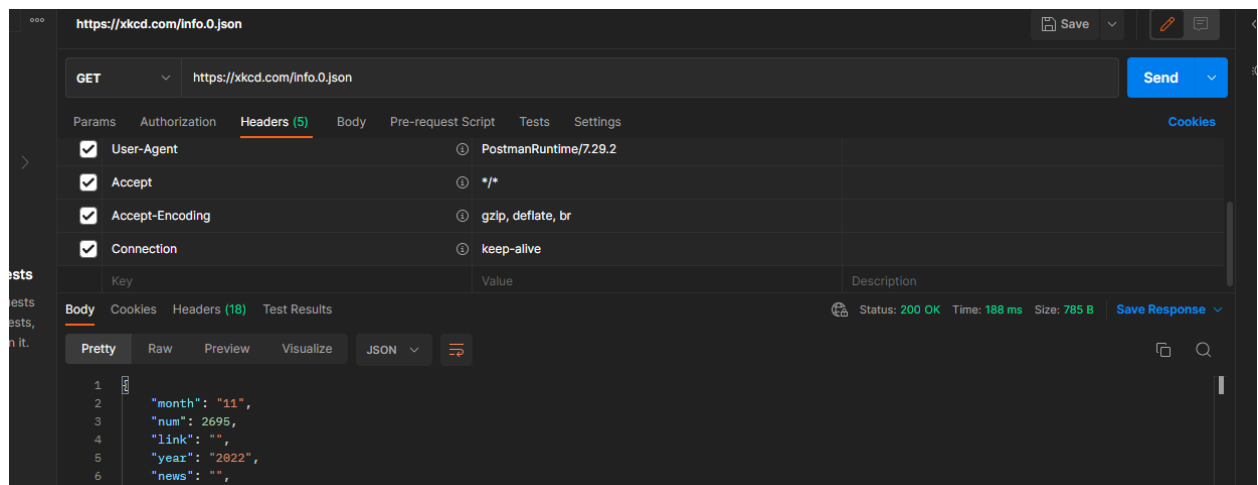
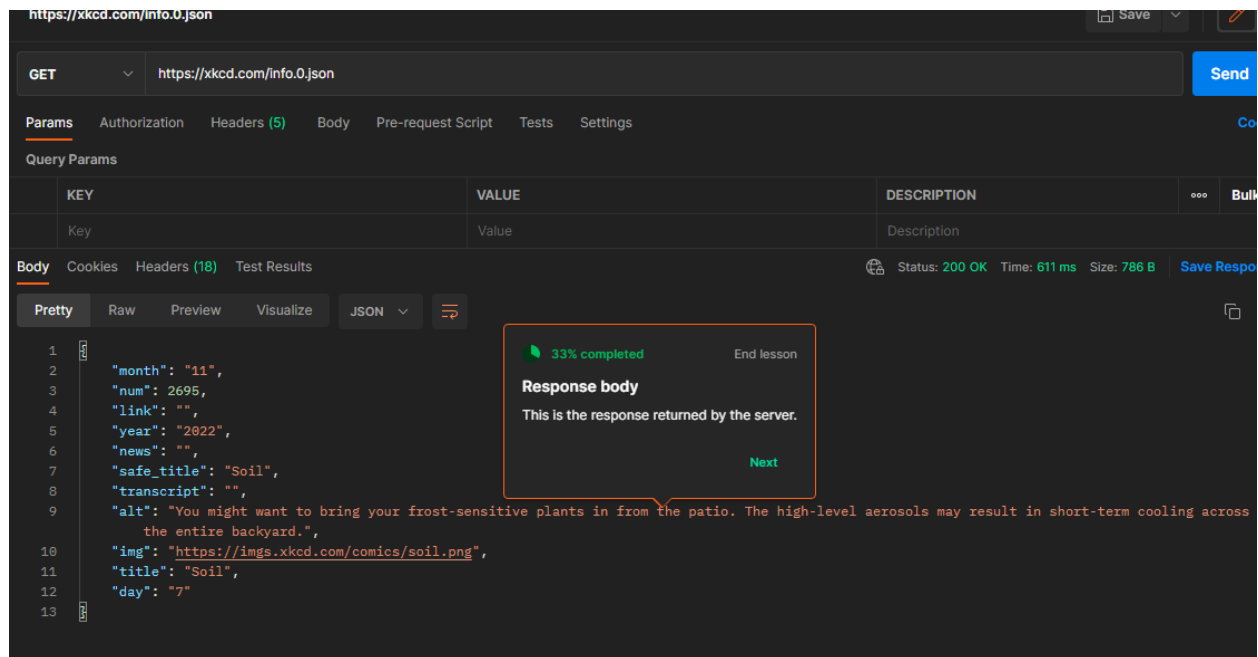
Tip sadrzaja je application/json.

- d. Pošaljite zahtjeve i validirajte par email adresa koristeći [api](#), dokumentujte razne odgovore



Generisala sam API key, međutim uvijek dobijam istu gresku "invalid_access_key".

Dohvatite par slika koristeći [api](#), dokumentujte i json odgovor i dohvaćenu sliku



HEADERS

User-Agent (PostmanRuntime)-informacija o platform sa koje saljemo

Accept-podržani tipovi, /*/

Accept-Encoding-podržani encoding tipovi

Connections-kontrola konekcije(keep alive)

Status code – 200 OK, znacenje da je zahtjev uspjesno obraden.

Vrijeme izvršavanja: 611ms

Tip sadržaja – application/json

KEY	VALUE	DESCRIPTION
Key	Value	Description

requests
n, tests,
ts in it.

67%
show me

Body Cookies Headers (16) Test Results Status: 200 OK Time: 1208 ms Size: 62.87 KB Save Response

Body Cookies Headers (16) Test Results Status: 200 OK Time: 1003 ms Size: 62.87 KB Save Response

KEY	VALUE
Connection	keep-alive
Content-Length	63940
Server	nginx
Content-Type	image/png
Last-Modified	Mon, 07 Nov 2022 10:20:54 GMT
ETag	"6368dc06-f9c4"
Expires	Mon, 07 Nov 2022 10:45:02 GMT
Cache-Control	max-age=300
Accept-Ranges	bytes
Date	Mon, 07 Nov 2022 12:19:33 GMT

Continue learning Auto-select agent Runner Trash

Connections – keep-alive, kontrola konekcije

Content length- velicina sadrzaja

Server – tip server, nginx

Content-type – tip sadrzaja(image/png)

Last – modified- posljednje izmjene

Status – 200 OK, znacjenje da je zahtjev uspjesno obraden

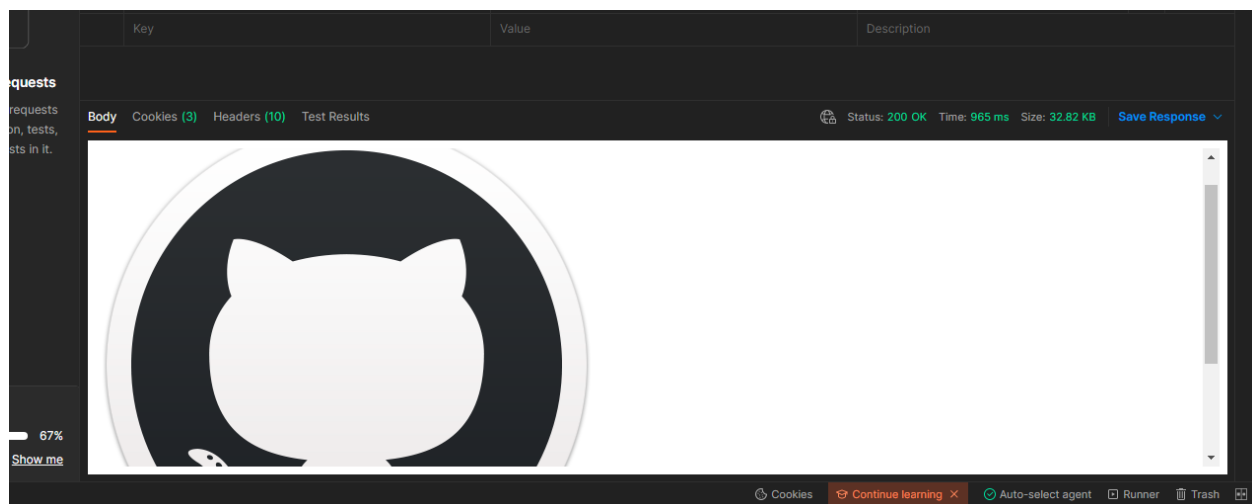
Time – 1003ms, vrijeme potrebno za dohvatanje

Size – velicina sadrzaja

Pozovite još jedan api sa [liste](#) po želji

Izabran je API - <https://github.com/fluidicon.png>

KEY	VALUE	DESCRIPTION	...	Bulk Edit
Key	Value	Description		
sts				
sts,				
it.				
Body	Cookies (3)	Headers (10)	Test Results	
KEY		VALUE	Status: 200 OK Time: 965 ms Size: 32.82 KB Save Response	
Server		GitHub.com		
Date		Mon, 07 Nov 2022 12:29:23 GMT		
Content-Type		image/png		
Content-Length		33270		
Last-Modified		Mon, 07 Nov 2022 11:55:38 GMT		
ETag		"6368f23a-81f6"		
Vary		Accept-Encoding, Accept, X-Requested-With		
X-Frame-Options		DENY		
Accept-Ranges		bytes		
X-GitHub-Request-Id		1903:85C8:10C98C:1974AB:6368FA28		



Date – vrijeme slanja zahtjeva

Content length- velicina sadrzaja(33270)

Server – tip server, Github.com

Content-type – tip sadrzaja(image/png)

Last – modified- posljednje izmjene

Status – 200 OK, znacenje da je zahtjev uspjesno obraden

Time – 955ms, vrijeme potrebno za dohvacanje

Size – velicina sadrzaja