Lesson 16

**API Testing. JSON.REST**

Level 1

**In Google Docs, create 5 test cases for functional testing of the** [**https://www.carsforsale.com**](https://www.carsforsale.com) **website (5 top priority tests).**

TC 1

| Test Summary | User Registration functionality at [www.carsforsale.com](http://www.carsforsale.com) |
| --- | --- |
| Preconditions | Access to Edge Browser |
| Steps | 1. Navigate to www.carsforsale.com 2. Click on Sign in 3. Click on Individual 4. Click on Don’t have an account? 5. Click on Sign Up 6. Click on Sign Up with Email 7. Introduce the Test Data |
| Test Data | First Name = A  Last Name = B  Email=a@b.com  Pass=12345678 |
| Expected Result | Sign In options should be displayed |
| Priority |  |
| Actual Result | As Expected |
| Status | Pass |

TC 2

| Test Summary | Search functionality at [www.carsforsale.com](http://www.carsforsale.com) |
| --- | --- |
| Preconditions | Access to Edge Browser |
| Steps | 1. Navigate to www.carsforsale.com 2. Locate the search bar and enter a valid search query. 3. Click the "Search" button. 4. Verify that relevant search results are displayed. 5. Check that the search results include the queried keywords. 6. Test the behavior when entering an invalid or non-existent search query. |
| Test Data | Search for any type of car |
| Expected Result | Images with cars should be displayed. |
| Priority |  |
| Actual Result | As Expected |
| Status | Pass |

TC 3

| Test Summary | Contact Form Submission functionality at [www.carsforsale.com](http://www.carsforsale.com) |
| --- | --- |
| Preconditions | Access to Edge Browser |
| Steps | 1. Navigate to www.carsforsale.com 2. Go to Contact Us at the bottom of the page. 3. Fill in the contact form with valid information (name, email, message). 4. Click the"Send" button. 5. Check for a success message indicating that the message has been sent. 6. Verify that the received message matches the submitted information. |
| Test Data | Send an email via Contact Us |
| Expected Result | Mail should be sent. |
| Priority |  |
| Actual Result | As Expected |
| Status | Pass |

TC 4

| Test Summary | User Profile Update functionality at [www.carsforsale.com](http://www.carsforsale.com) |
| --- | --- |
| Preconditions | Access to Edge Browser |
| Steps | 1. Navigate to www.carsforsale.com 2. Log in to the website. 3. Navigate to the user profile section. 4. Update the user's email. 5. Save the changes. 6. Verify that the changes are reflected in the user's profile. |
| Test Data | Update the user’s email. |
| Expected Result | The email should be updated. |
| Priority |  |
| Actual Result | As Expected |
| Status | Pass |

TC 5

| Test Summary | Password Reset functionality at [www.carsforsale.com](http://www.carsforsale.com) |
| --- | --- |
| Preconditions | Access to Edge Browser |
| Steps | 1. Navigate to www.carsforsale.com 2. Access the website's login page. 3. Click on the "Forgot Password" link. 4. Enter the email associated with the account. 5. Submit the password reset request. 6. Check the email for a password reset link. 7. Click on the link and reset the password. 8. Log in with the new password. |
| Test Data | Reset the password. |
| Expected Result | The password should be reset. |
| Priority |  |
| Actual Result | As Expected |
| Status | Pass |

**With https://reqbin.com/, test the following API Reqres methods:**

**LIST USERS**

**SINGLE USER**

**CREATE**

**UPDATE (PUT)**

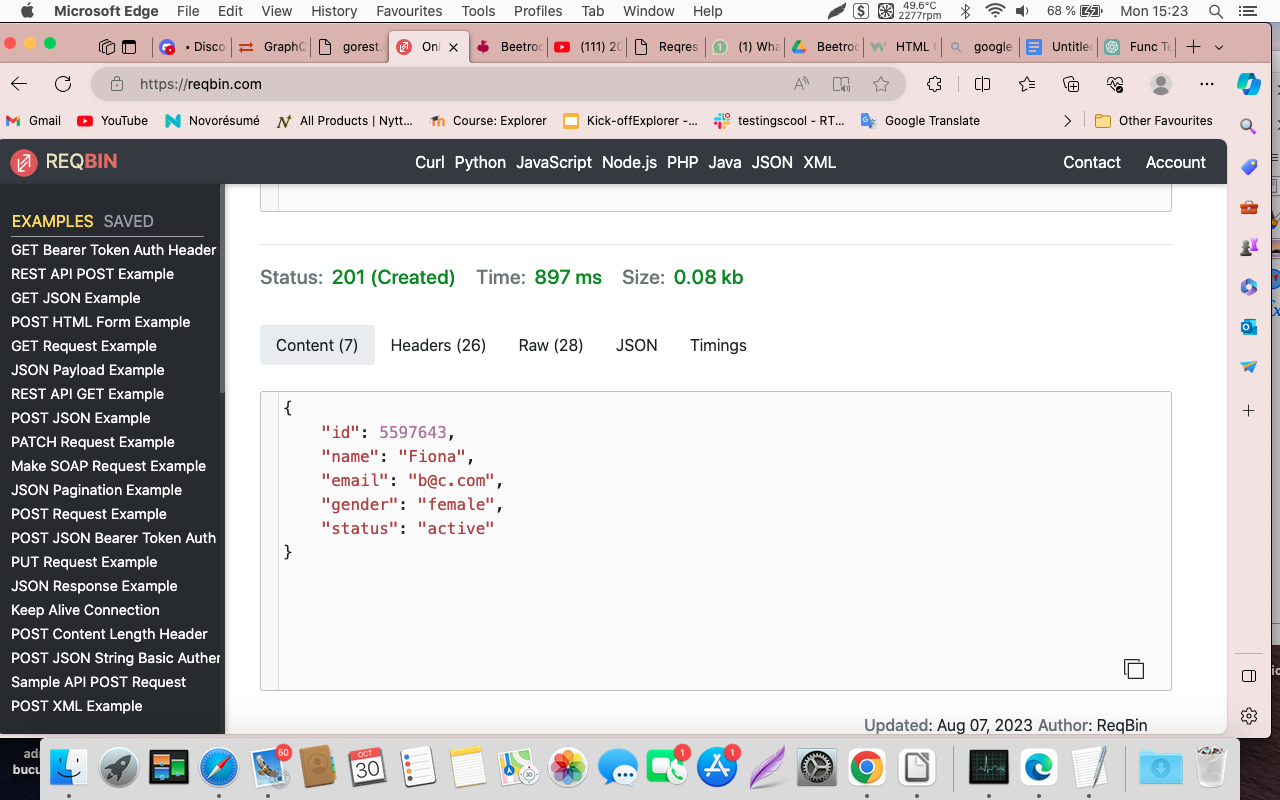
**UPDATE (PATCH)**

**DELETE**

**REGISTER - SUCCESSFUL**

**LOGIN - SUCCESSFUL**

**Create a document and describe in it the bugs you found. The description can be of any format but must include screenshots. Add the document to LMS.**

****

**{**

**"id": 5597643,**

**"name": "Fiona",**

**"email": "b@c.com",**

**"gender": "Female",**

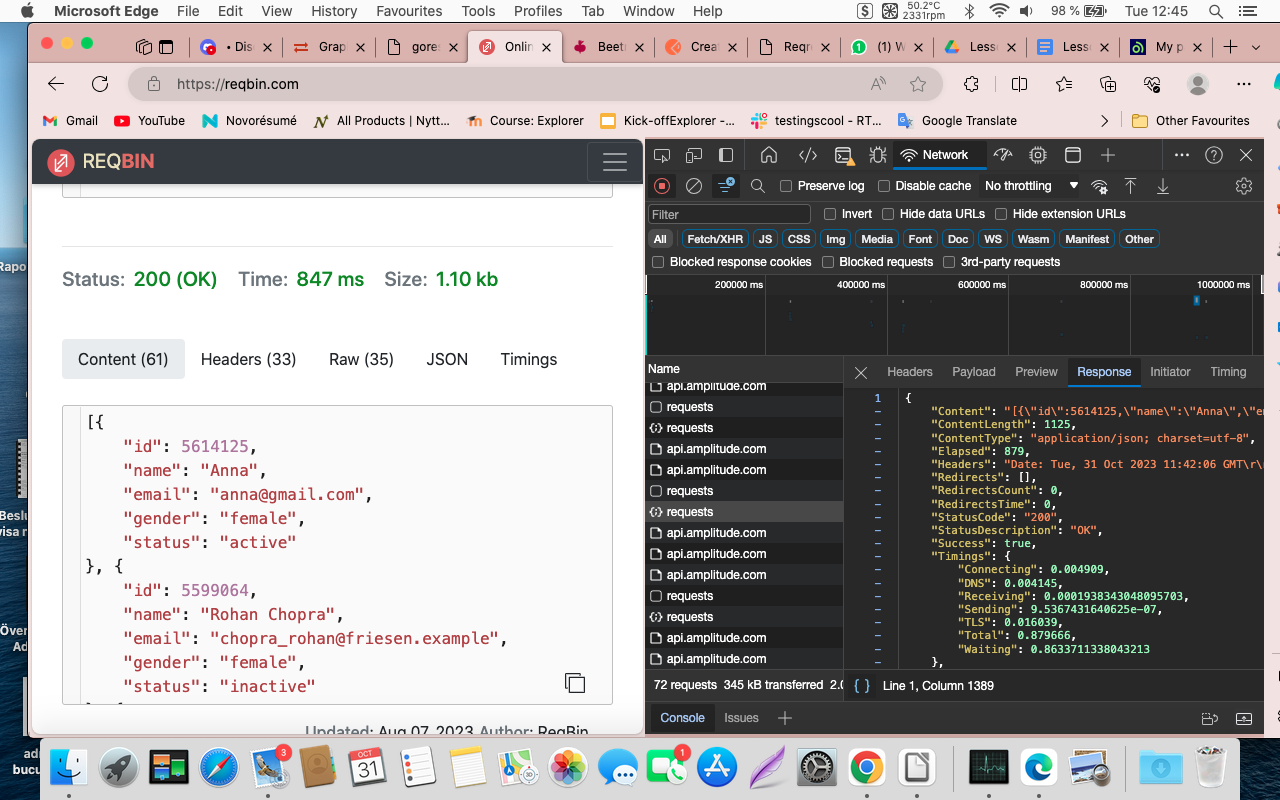
**"status": "active"**

**}**

Level 2

**Use https://reqbin.com/ to send one valid request for each method to GO REST (/users endpoint).**

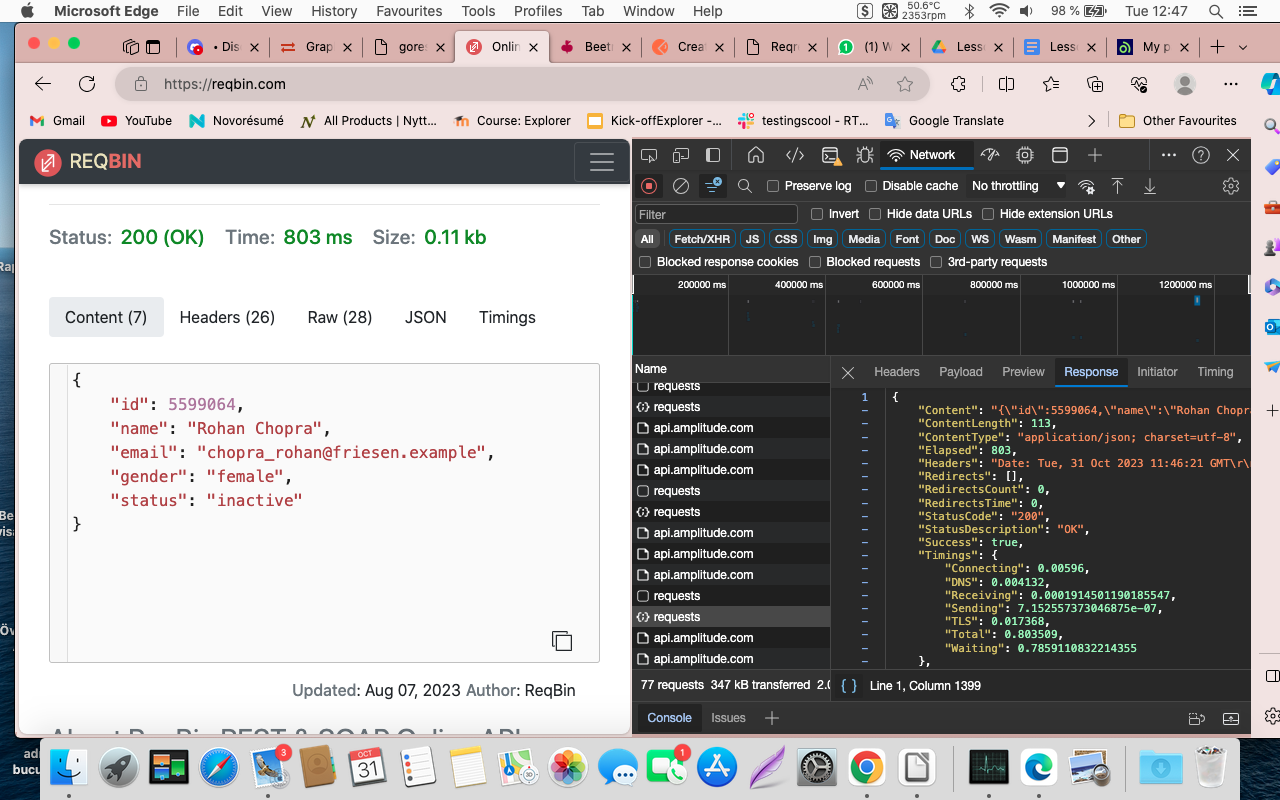
**LIST USERS**

****

"Content": "[{\"id\":5614125,\"name\":\"Anna\",\"email\":\"anna@gmail.com\",\"gender\":\"female\",\"status\":\"active\"},{\"id\":5599064,\"name\":\"Rohan Chopra\",\"email\":\"chopra\_rohan@friesen.example\",\"gender\":\"female\",\"status\":\"inactive\"},{\"id\":5599063,\"name\":\"Veda Asan DVM\",\"email\":\"veda\_dvm\_asan@wilkinson.test\",\"gender\":\"female\",\"status\":\"inactive\"},{\"id\":5599062,\"name\":\"Chanda Ganaka\",\"email\":\"ganaka\_chanda@schmidt.test\",\"gender\":\"female\",\"status\":\"active\"},{\"id\":5599058,\"name\":\"Rajinder Guha CPA\",\"email\":\"cpa\_guha\_rajinder@dooley.test\",\"gender\":\"male\",\"status\":\"inactive\"},{\"id\":5599057,\"name\":\"Upendra Kaul\",\"email\":\"upendra\_kaul@weimann.test\",\"gender\":\"male\",\"status\":\"inactive\"},{\"id\":5599056,\"name\":\"Rev. Chetan Kaul\",\"email\":\"rev\_kaul\_chetan@ankunding.test\",\"gender\":\"female\",\"status\":\"active\"},{\"id\":5599055,\"name\":\"Damayanti Butt Jr.\",\"email\":\"damayanti\_butt\_jr@raynor.test\",\"gender\":\"female\",\"status\":\"inactive\"},{\"id\":5599053,\"name\":\"Deb Khatri\",\"email\":\"deb\_khatri@hermann.example\",\"gender\":\"male\",\"status\":\"active\"},{\"id\":5599052,\"name\":\"Ashok Johar\",\"email\":\"ashok\_johar@pfannerstill-douglas.test\",\"gender\":\"female\",\"status\":\"inactive\"}]",

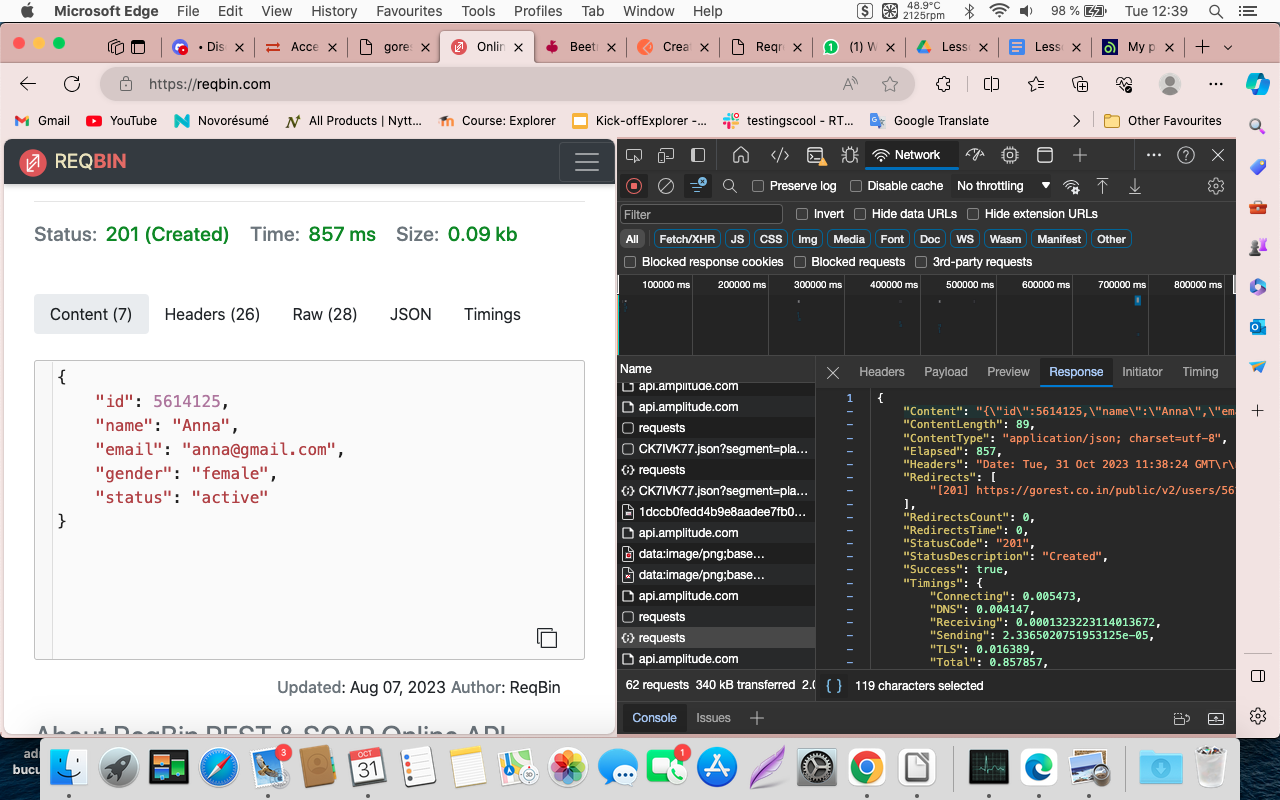
"ContentLength": 1125,

**SINGLE USER**

****

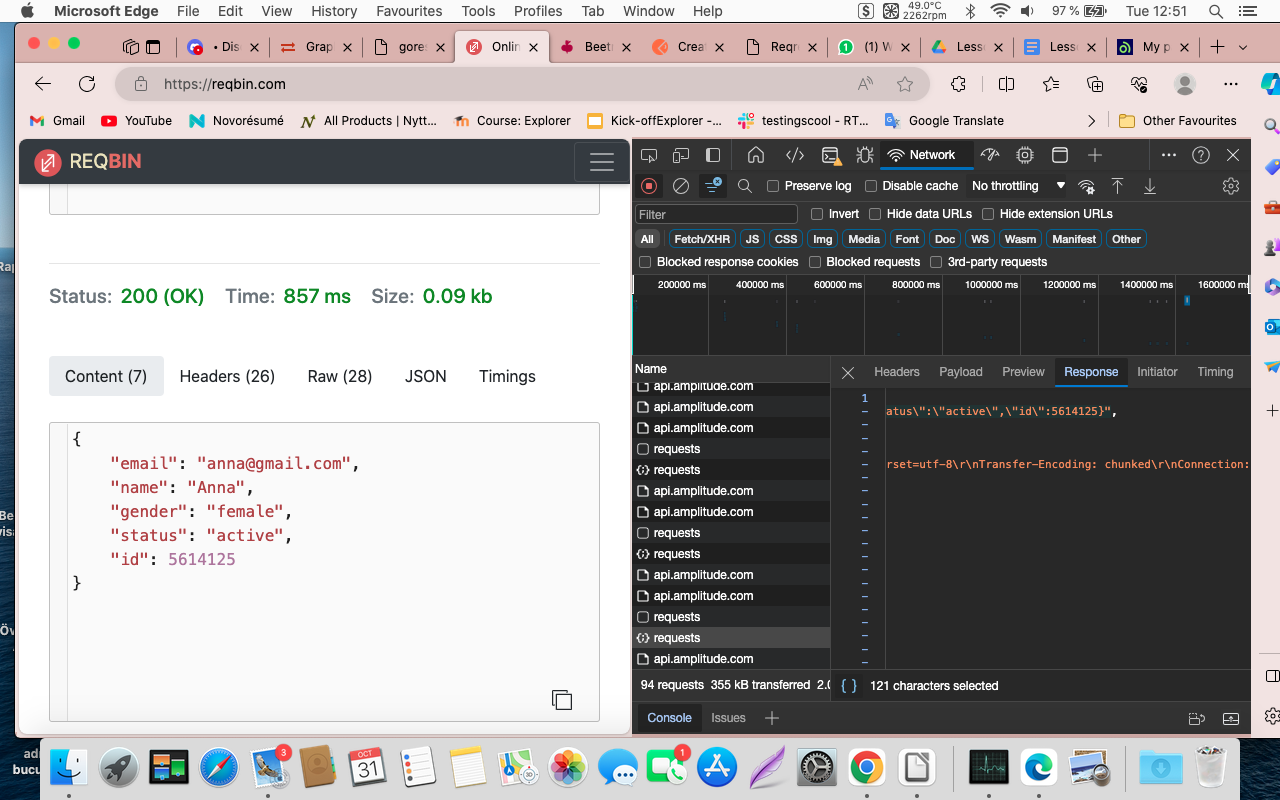
"Content": "{\"id\":5599064,\"name\":\"Rohan Chopra\",\"email\":\"chopra\_rohan@friesen.example\",\"gender\":\"female\",\"status\":\"inactive\"}"

**CREATE**

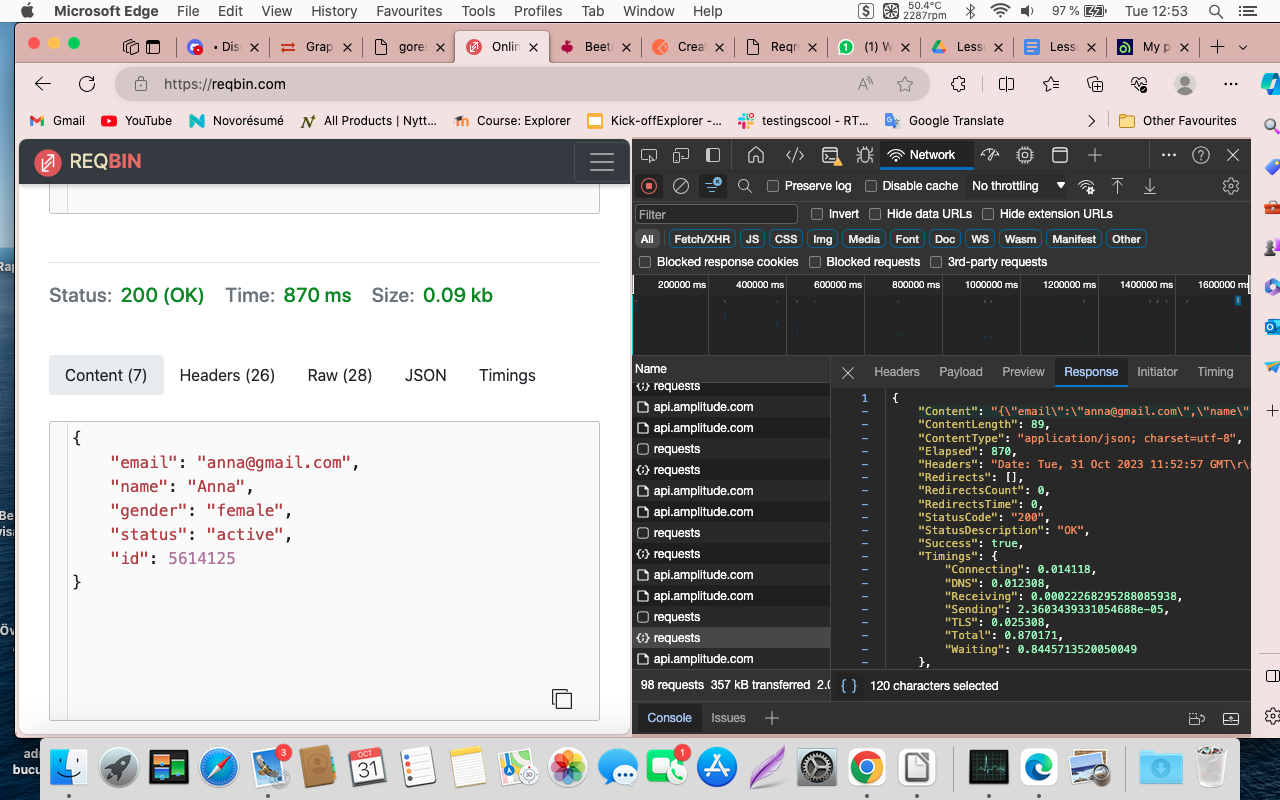
****

"Content": "{\"id\":5614125,\"name\":\"Anna\",\"email\":\"[anna@gmail.com](mailto:anna@gmail.com)\",\"gender\":\"female\",\"status\":\"active\"}”

**UPDATE (PUT)**

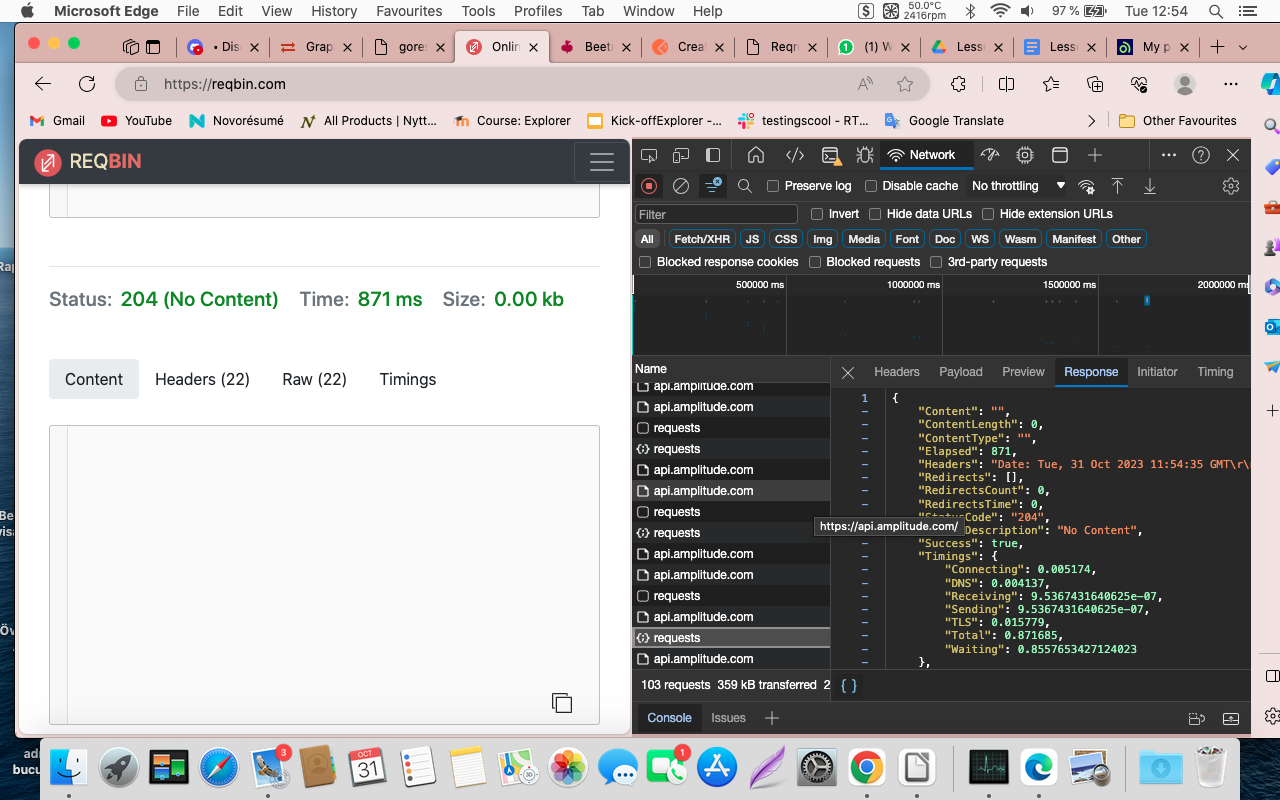
****

"Content": "{\"email\":\"[anna@gmail.com](mailto:anna@gmail.com)\",\"name\":\"Anna\",\"gender\":\"female\",\"status\":\"active\",\"id\":5614125}"

**UPDATE (PATCH)**

"Content": "{\"email\":\"[anna@gmail.com](mailto:anna@gmail.com)\",\"name\":\"Anna\",\"gender\":\"female\",\"status\":\"active\",\"id\":5614125}"

**DELETE**

****