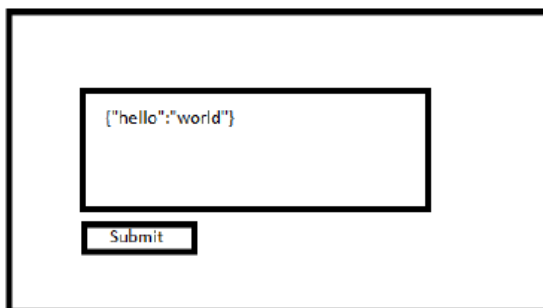


ML Ops Internship Assessment**Q1: BASH**

Find the largest log file (.log) in a directory and truncate it to 100 lines if it contains more than 100 lines

Q2: API-UI integration (Use HTML, Python and/or Node.js to complete the following)

- a) Build an API server which accepts JSON as an input
 - a. API to be available as <ip>:<port>/jsonapi via POST method
 - b. It should verify if the request body has at least two key:value pairs and shown in this example {"type" : "hello world", "day" : "Sunday"}
 - c. On bad user input, return 400
 - d. On receiving valid input, return 201
- b) Build a front-end UI that has a textarea and a submit button.
 - a. User inputs any string
 - b. Verify if string is valid JSON before posting to API
 - c. If you receive a 400 response from the API, throw an error message to the user
 - d. If you receive 201 response from the API, then create a form using the JSON entered by the user where the label of each field will be a key, and the value of the input to be initialized with value from the JSON input as shown in pictures below.



A screenshot of a web form. It features a large rectangular text input field containing the JSON string `{"hello": "world"}`. Below this field is a smaller rectangular button labeled "Submit".



A screenshot of a web form. It shows a label "hello" followed by a rectangular text input field containing the word "world".

Expected output:

Prepare a **zip/rar folder** with the following files and mail to the ExactSpace team as indicated.

Name of the folder must be candidate's "FirstName_LastName_MLOps" and must contain:

1. Your resume
2. Provide the source code file/s of your work