

waph-labs/lab2-jaswanthbollepjh

Web Applications Programming and Hacking — WAPH

instructors name is: Dr. Phu Phung

NAME: Jaswanth Bollepalli Email-id: bollepjh@mail.uc.edu



Figure 1: Jaswanth Bollepalli Headshot

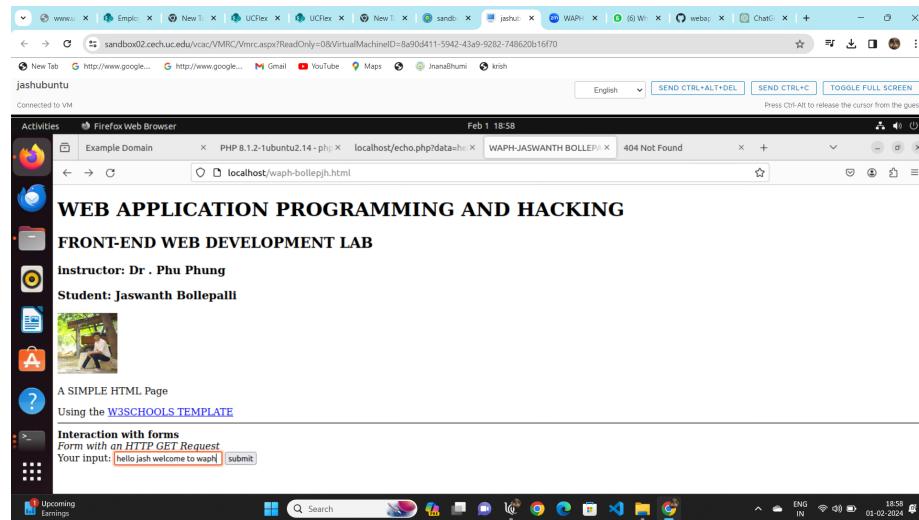
URL FOR MY REPO follows : <https://github.com/jashhhhhhhh/webapplication-jaswanth.git>

This is only my private repo for Jaswanth Bollepalli to keep all of the code from the waph course for all LABS . The contents and information of this current

repository is as follows.

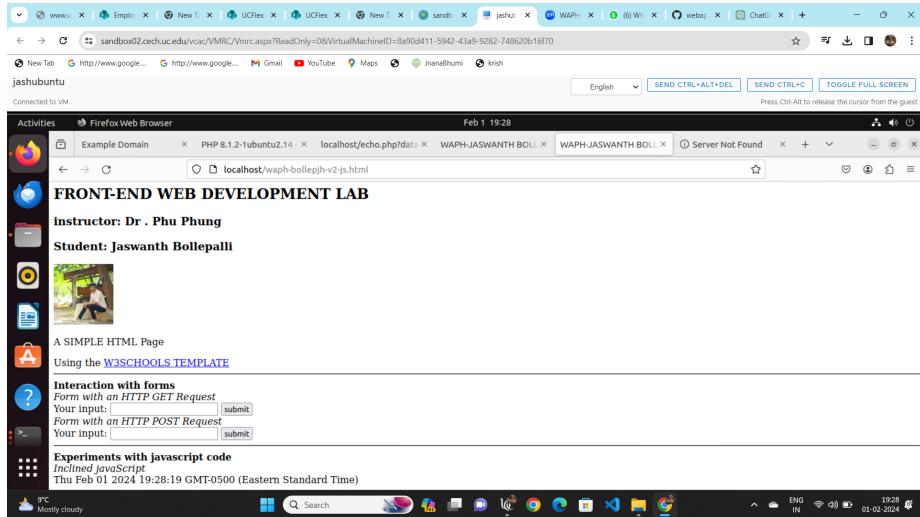
OVERVIEW OF THE LAB2 : In this project, I started by making a basic webpage with HTML, including links and an image (Task 1(A)). Then, I added some interactive features using JavaScript, like showing the current time and logging key presses (Task 1(B)). I went further by adding digital and analog clocks and a button to hide/show an email (Task 1(C)). Next, I made the webpage more interactive by allowing users to click a button to send requests to a server and see network connections (Task 2(A)). I made the webpage look nice with different styles using CSS (Task 2(B)). In Tasks 2(C1) and 2(C2), I added buttons that, when clicked, send requests to a server and show the responses. Finally, I used JavaScript to get jokes from an online source, showing them on the webpage (Task 2(D1) and Task 2(D2)). Throughout, I kept an eye on how the webpage communicated with servers by checking the network activities in the browser. Overall, the project combines different skills to create a fun and interactive webpage.

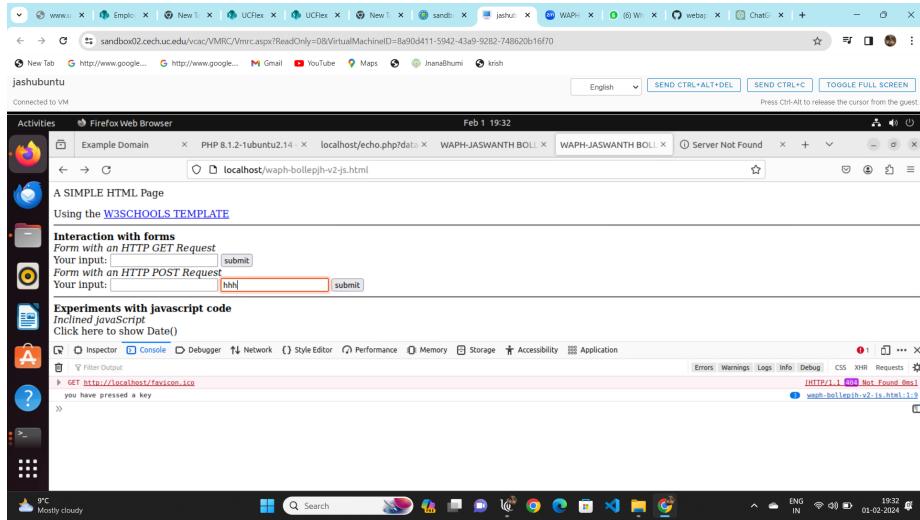
HERE IN THIS TASK1(A) I CREATED A VERY SIMPLE HTML FILE NAMED WAPH-BOLLEPJH.HTML WITH THE HELP OF SOME BASIC TAGS IN HTML, I MENTIONED SOME LINK FOR W3 SCHOOLS AND AN IMAGE OF MY HEADSHOT NAMED JASHHEADSHOT.PNG AND SOME BASIC INPUT FORM TAG TO SUBMIT MY RESPONSE.





HERE IN THIS TASK1(B) I ADDED SOME JAVASCRIPT CODE IN THE SCRIPT TAG TO SHOW THE PRESENT DATE AND TIME WHEN CLICKED WITH THE ARROW ON IT.AND IN THE I ADDED A RESPONCE TO LOG SUCH AS “A KEY IS PRESSED” AS SHOWN IN THE BELOW FIGURE.





HERE IN THIS TASK1(B), I ADDED SOME FUNCTIONALITY TO SHOW A DIGITAL TIME CLOCK BY WRITING SOME JAVASCRIPT CODE IN “SCRIPT” TAG. AFTER THAT, I ALSO ADDED ONE MORE FUNCTIONALITY SUCH AS “HIDE/SHOW YOUR EMAIL” ON CLICK. MORE OVER I ADDED SOME “ANALOG TIME CLOCK” USING THE JAVASCRIPT CODE FROM OUTSIDE OF CODING FILE.

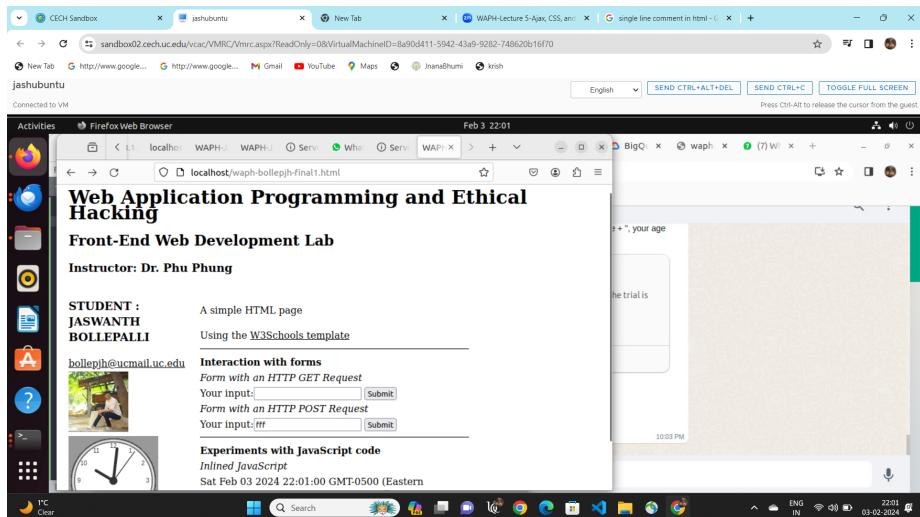
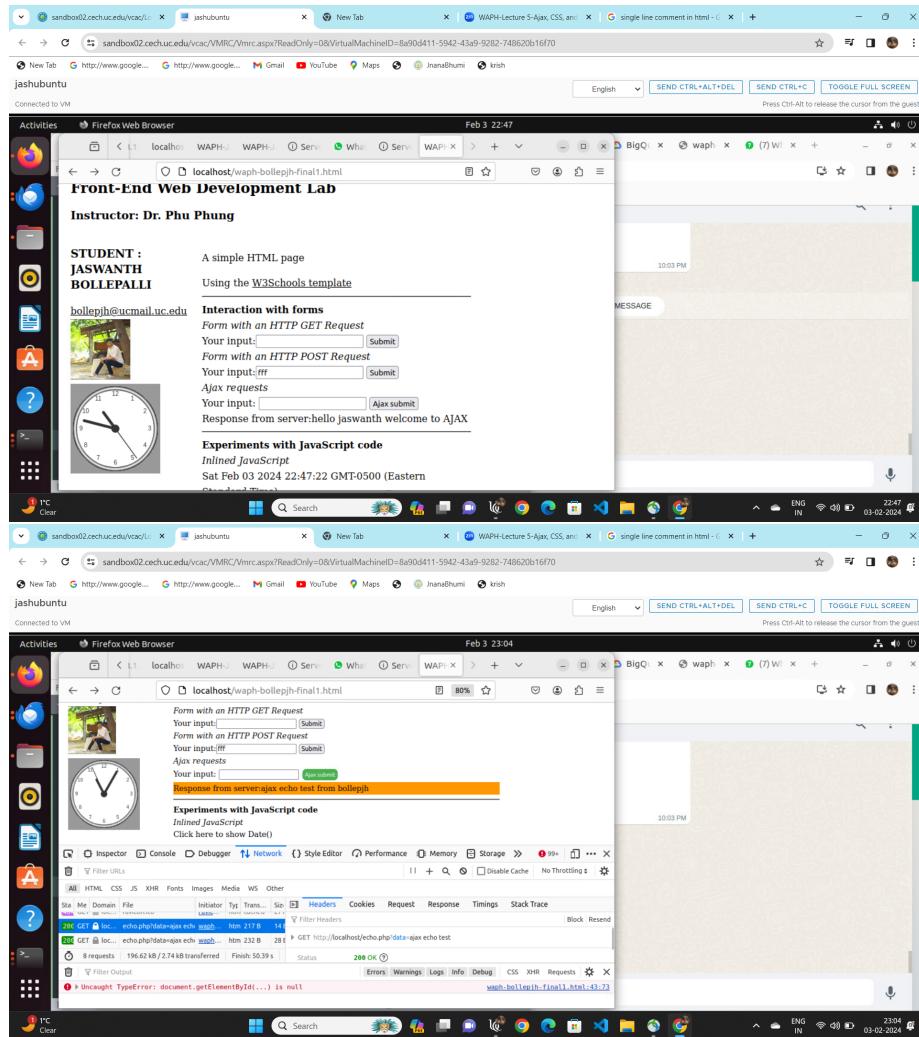


Figure 2: 5

HERE IN THIS TASK2(A), I ADDED A NEW BUTTON FOR USER INPUT WHEN A PERSON IS CLICKED. AND ALSO I ADDED A FUNCTIONALITY TO SEND “AJAX GET REQUEST” TO ECHO.PHP AND ALSO I

SHOW THE CURRENT NETWORK CONNECTIONS IN THE DEPLOYMENT BROWSER, MOREOVER, I SHOWN THAT HOW THE BOTH “RESPONSE AND REQUEST” WORKS.



HERE IN THIS TASK2(B), I USED CSS FROM OUT SIDE OF THE CODING FILE,INTERNAL CSS AND INLINE CSS TO ADD SOME COLOR TO THE WEB PAGE.

HERE IN THIS TASK2(C1), WHEN I CLICKED A RESPECTIVE BUTTON,THE SERVER SEND AN “AJAX GET” REQUEST TO “ECHO.PHP” WEB APPLICATIONS AND IT GIVES THE CORRESPONDING RESPONSE CONTENT.

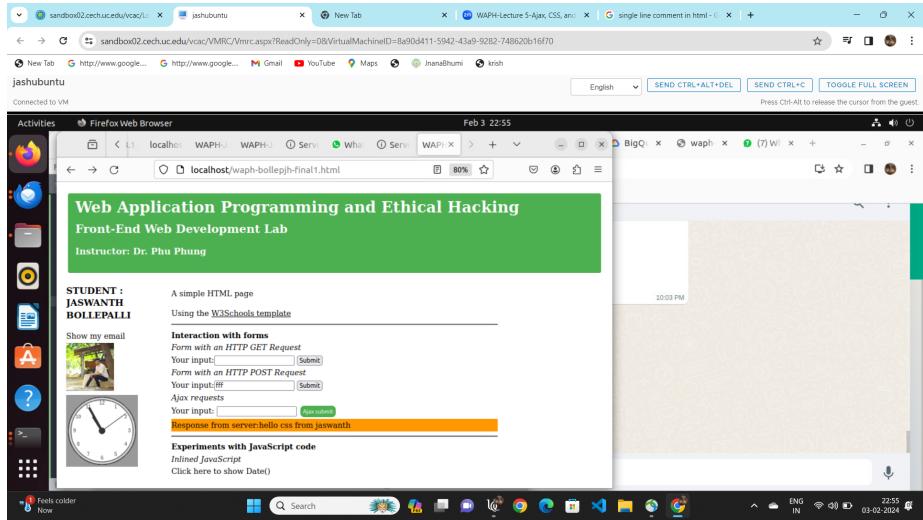
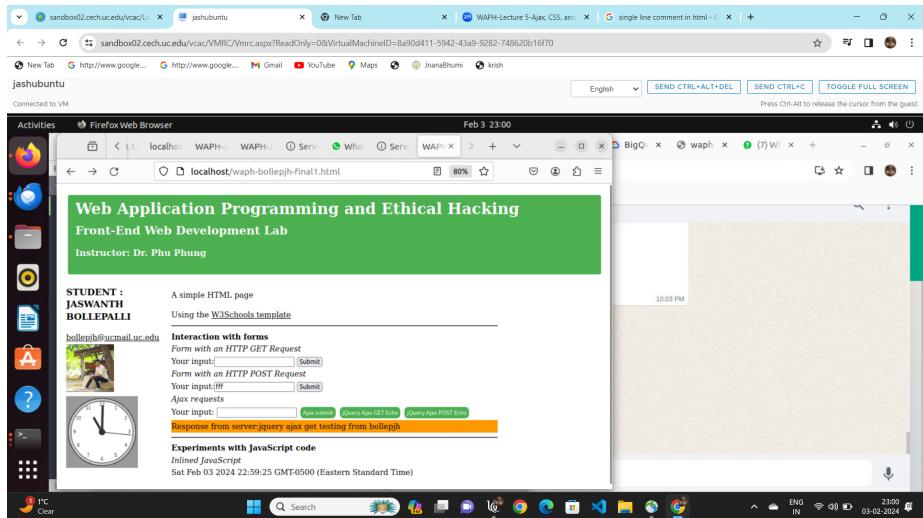
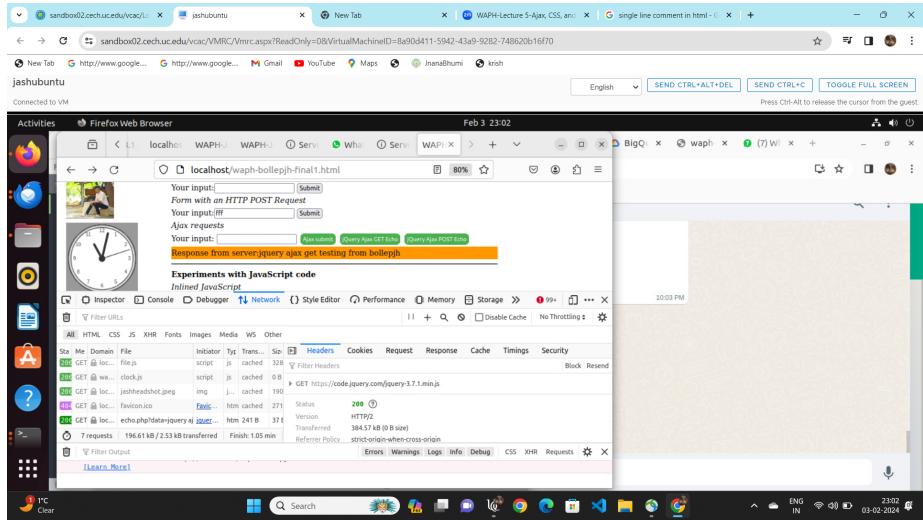
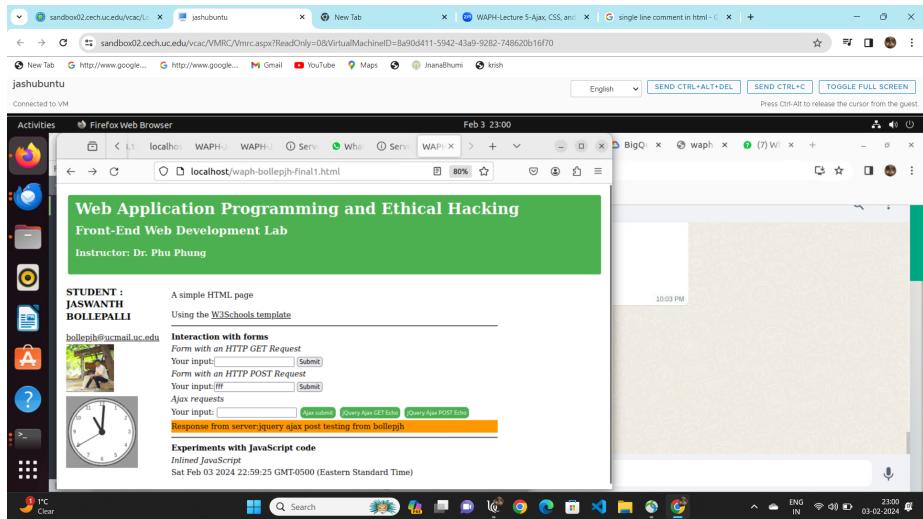


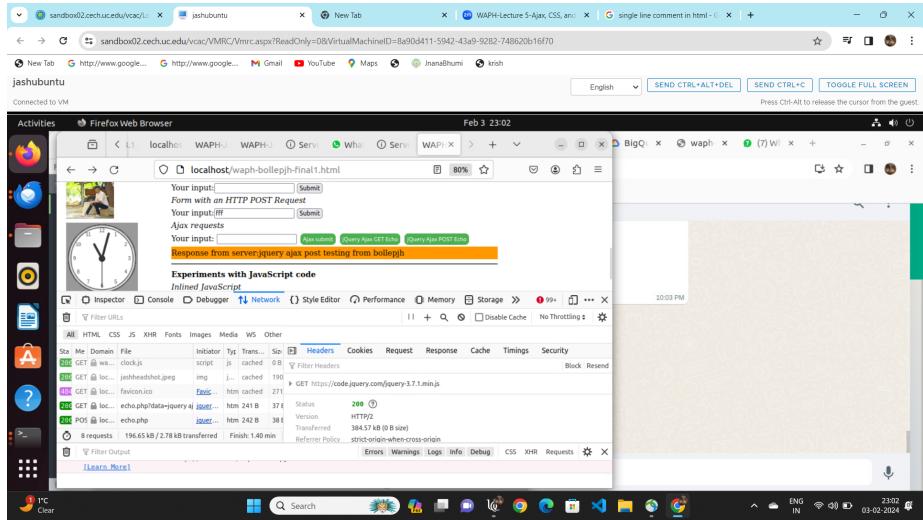
Figure 3: 8



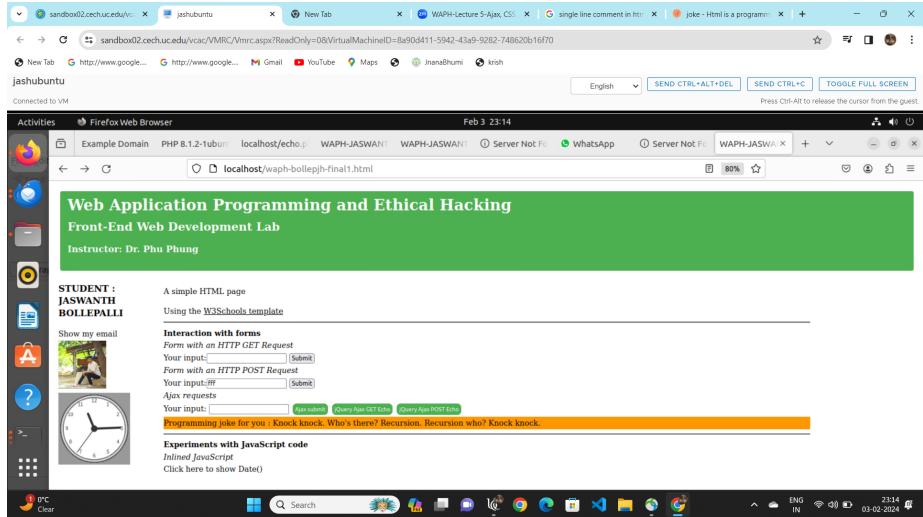


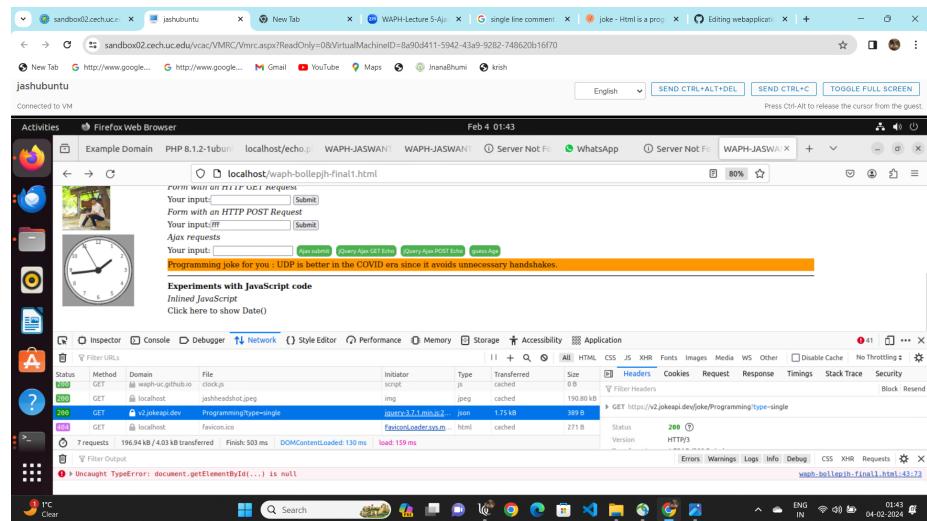
HERE IN THIS TASK2(C2), WHEN I CLICKED A RESPECTIVE BUTTON, THE SERVER SEND AN “AJAX POST” REQUEST TO “ECHO.PHP” WEB APPLICATIONS AND IT GIVES THE CORRESPONDING RESPONSE CONTENT.





FINALLY IN THIS TASK2(D1), I WRITE SOME JAVASCRIPT CODE USING "JQUERY AJAX TO GIVE A REQUEST AND TO RECIEVE A RESPONSE FOR SHOWING A RANDOM JOKE FROM THE API WHEN THE WEB PAGE IS LOADED AND I INSPECTED THE NETWORK IN THE WEB BROSER TO GET RESPONSES AND REQUEST CORRESPONDINGLY.





AND ATLAST IN THIS TASK2(D2),I USED “FETCH()” METHOD TO CALL THE ABOVE API WITH THE HELP OF INPUT FROM USER AND I INSPECTED THE NETWORK IN THE WEB BROSER TO GET RESPONSES AND REQUEST CORRESPONDINGLY.

