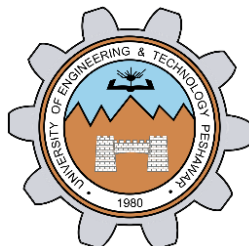# University of Engineering and Technology, Peshawar

WEB ENGINEERING LAB

Lab: 04

Spring 2023

Elective Web Engineering

Submitted by: FAWAD ALI

Registration No: 19PWCSE1845

"On my honor, as student of University of Engineering and Technology, I have neither given nor received unauthorized assistance on this academic work."

Student Signature: _____

Submitted to:

Engr. Madeha Mushtaq

Date (March, 31, 2023)

Department of Computer Systems Engineering

JavaScript and jQuery

Objectives:

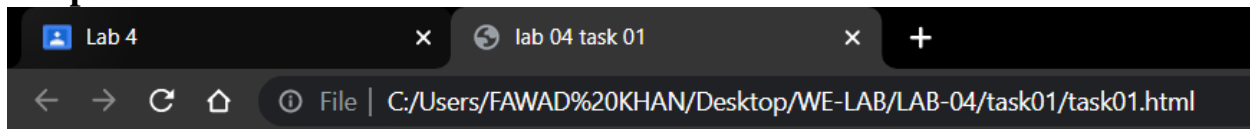Know about the JavaScript.

Know about the jQuery library of JavaScript.

How to use JavaScript and jQuery to create a dynamic web pages.

Task: 01

JavaScript is used to pre-compute the total cost of an order and display it to the customer before the order is submitted to the server for processing.

Output:

Fawad Ali 19PCSE1845

Medical Billing System

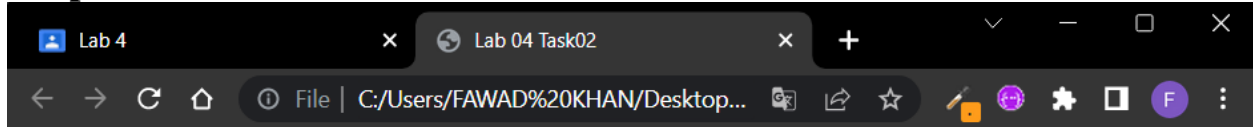| S.No,	Item	Unit Cost RS.	Quantity	Cost, RS
1	Erithromycin 100 mg	58	2	116
2	Femramcyin 500 mg	46	3	138
3	Oximycin 2 mg	1090	1	1090
			Total	1344
			GST 15%	201.6
			Grand, Total RS	1545.6

[Update Grand Total]

Conclution:

we create the form then inside form crete the table see above and use one button then write the javaScript code to made these form in dynamic working to write the function to calculate the price when we enter the quatity ot items if press the button to calculate total price with GST.

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Task: 02

Use jQuery to write a code that will change all the occurrences of "White" with the color specified in the text input field by clicking the "Change" button.
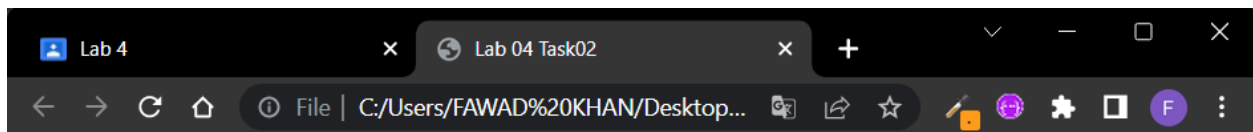
Output:

Conclution:

use jQuery ready class to change the css of the paragraph show in abpve we only change the color of the some text we can use this class to achive more functions. We studied the jQuery ready class.

Task: 03

Create an Html form as shown below, Use jQuery to perform the following functions:

- When the page is loaded, cities will not display.
- When the user selects the country Pakistan, all cities of Pakistan will show only.
- When the user selects any other country than Pakistan, a field is shown to enter the city name manually.

Output:

Conclution:

This task also use jQuery ready class and change class to perform this task we have the country dropdown chak if they equal to Pakistan then show the cities of Pakistan in cities dropdown.
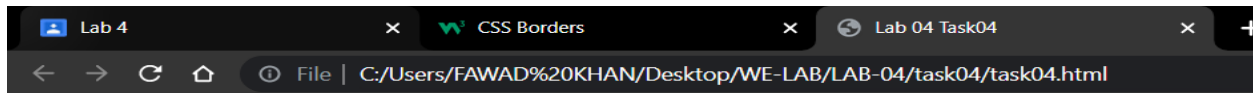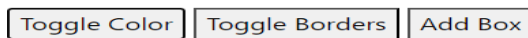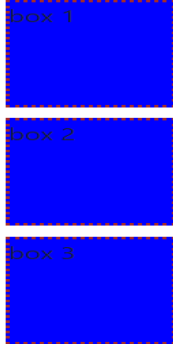
Task: 04

Use jQuery .css(), .hasClass(), .removeClass(), .addclass(), .toggle Class(). .addClass(), .attr(), .append(). To achieve the output show in lab task.
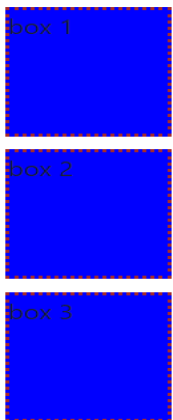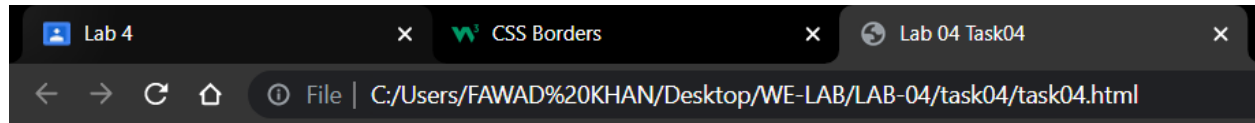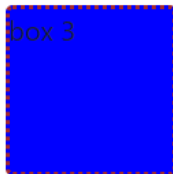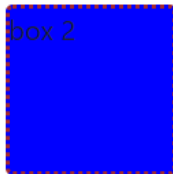
Output:

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Conclusion:

we create the three box and three button when we press the toggle color to toggle the color and press toggle border to toggle border and press the add to add box the all functionality achieved it use jQuery library in the class of toggle Class and append To class. In this lab we studied the basic of jQuery Library.