

Lab 4

JavaScript and jQuery

Use the knowledge/concepts of Javascript and jQuery covered in class and complete the lab tasks given below:

Task 1:

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.

Write a JavaScript code to calculate the Grand Total as shown below:

Medical Billing System				
S.No.	Item	Unit Cost (Rs.)	Quantity	Cost (Rs.)
1	Erithromycin 100 mg	58	<input type="text" value="1"/>	<input type="text" value="59"/>
2	Femramycin 500 mg	46	<input type="text" value="2"/>	<input type="text" value="92"/>
3	Oximycin 2 mg	1090	<input type="text" value="3"/>	<input type="text" value="3285"/>
Total				<input type="text" value="3436"/>
GST at 15%				<input type="text" value="515.4"/>
Grand Total Rs.				<input type="text" value="3951.4"/>
<input type="button" value="Update Grand Total"/>				

Task 2:

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.

White Color is who's favourite!!!!

White is a color often associated with purity, innocence, and cleanliness. It is the color of fresh snow, a blank canvas, and a pristine wedding dress. In some cultures, **White** is also associated with mourning and is worn at funerals. In design and fashion, **White** is often used to create a sense of simplicity, elegance, and modernity. **White** is a versatile color that can evoke a variety of emotions and meanings, depending on the context in which it is used.

Change the color to:

Task 3:

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.

Student Form

Name:

Password:

Country:

Message:

Upload Pic: No file chosen

Student Form

Name:

Password:

Country:

Cities:

Message:

Upload Pic: No file chosen

Student Form

Name:

Password:

Country:

City:

Message:

Upload Pic: No file chosen

Task 4:

Use **jQuery** `.css()`, `.hasClass()`, `.removeClass()`, `.addClass()`, `.toggleClass()`, `.addClass()`, `.attr()`, `.append()`. Achieve the output as shown below:

Toggles

Toggle Colors

Toggle Rounded Borders

Add a New Box

Descriptions:

- **Toggle Colors:** Toggles the color on and off for each box using CSS classes.
- **Toggle Rounded Borders:** Toggles the rounded-borders on and off for each box using CSS attributes.
- **Add a New Box:** Adds one new box to the container.

Note:

Make a proper lab report with screenshots (your name should be visible in each screenshot) and upload it in PDF form. Submit the .html and .css files too.

Plagiarism will be marked ZERO for both parties. Copying templates from the internet would also be marked ZERO.