### Lab 4

## JavaScript and jQuery

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

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### 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.	ltem	Unit Cost (Rs.)	Quantity	Cost (Rs.)			
1	Erithromycin 100 mg	58	1	59			
2	Femramycin 500 mg	46	2	92			
3	Oximycin 2 mg	1090	3	3285			
			Total	3436			
	515.4						
	3951.4						
Update Grand Total							

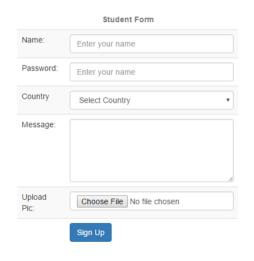
# Task 2: Use jQuery to write a code that will change all the occurrences of "White" with the color specified in the text input field by clicking the "Change" button.

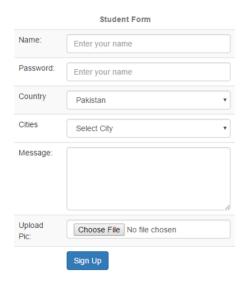
White Color is who's favourite!!!!						
<b>White</b> is a color often associated with purity, innocence, and cleanliness. It is the color of fresh snow, a blank canvas, and a pristine wedding dress. In some cultures, <b>White</b> is also associated with mourning and is worn at funerals. In design and fashion, <b>White</b> is often used to create a sense of simplicity, elegance, and modernity. <b>White</b> 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:	Black	Change!				

### 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.





# Name: Enter your name Password: Enter your name Country Sri Lanka City: Enter your City Message: Upload Pic: Choose File No file chosen

### Task 4:

**Use jQuery** .css(), <u>.hasClass()</u>, <u>.removeClass()</u>, .addclass(), .toggleClass(). .addClass(), .attr(), .append(). Achieve the output as shown below:

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

### **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.