Lab 04: Exploring HTML forms elements

Objectives
Exploring html form elements and form tags

Theoretical Description
Form tags, **Script** tags, **Radio** buttons etc. are part of the control tags

1. Input Tag

- The **\<input\>** tag specifies an input field where the user can enter data.
- **\<input\>** elements are used within a **\<form\>** element to declare input controls that allow users to input data.
- An input field can vary in many ways, depending on the type attribute.

```
<form>
 First name:
 <input type="text" name="fname"><br>
 Last name:
 <input type="text" name="lname"><br>

<input type="submit" value="Submit">
</form>
```

First name: `Mickey`
Last name: `Mouse`
Submit

Note:
The **\<input\>** element is empty, it contains attributes only.
Use the **\<label\>** element to define labels for \<input\> elements.

2. Select Tag

- The **\<select\>** element is used to create a drop-down list.
- The **\<option\>** tags inside the \<select\> element define the available options in the list.
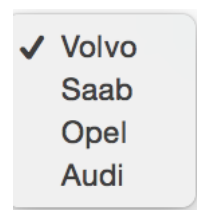
```
<select>
 <option value="volvo">Volvo</option>
 <option value="saab">Saab</option>
 <option value="mercedes">Mercedes</option>
 <option value="audi">Audi</option>
</select>
```

✓ Volvo
  Saab
  Opel
  Audi

Note: The **\<select\>** element is a form control and can be used in a form to collect user input.

3. Button Tag

- The **\<button\>** tag defines a clickable button.
- Inside a **\<button\>** element you can put content, like text or images. This is the difference between this element and buttons created with the \<input\> element.

Click Me!

```
<button type="button">Click
Me!</button>
```

a. Types of buttons:

There are three types of buttons in html:

1. Simple Button:

The button is a clickable button.

```
<button type="button">Simple Button</button>
```

2. Submit Button:

The button is a submit button (submits form-data).

```
<button type="submit">Submit Button</button>
```

3. Reset Button:

The button is a reset button (resets the form-data to its initial values).

```
<button type="reset">Reset Button</button>
```

2 Access Identifiers/Selectors:

Selectors are patterns used to select the element(s) you want to style.

Attribute	Belongs to	Description
Id	Global Attributes	Specifies a unique id for an element
Name	<button>, <form>, <select>, <textarea>, <input>	Specifies the name of an element
Class	Global Attributes	Specifies one or more classnames for an elemen

Lab Task
1. Design a signup form for creating an account of student in the database system.

Sign Up Form

First Name	[ ]	Last Name	[ ]
Create Password	[ ]	Confirm Password	[ ]

[Submit]

2 design following

NUML Student Management Information System

Username/Email

[numl.edu.pk]

Password

[   ]

[Login]

Need an account? Click here for Signup

2. Lab assignment

Sign Up Form

First Name

Last Name

Choose your username

@numl.edu.pk

Create a Password

Confirm a Password

Birthday

Month | Day | Year

Gender

○ Male
○ Female
○ Other

Mobile phone

+92

Country

Afghanistan

☐ Yes, I agree to the terms

Submit