

ANNOUNCEMENTS

- ❖ No posting of code in the forum
- ❖ Check class announcements daily

FORMS

- ❖ Forms → means by which information passes from the user to a server
- ❖ For now we will use forms to read values to be processed by our JavaScript programs
- ❖ **<form> tag**
 - ❖ Defines the form
 - ❖ It has two attributes → action and method
 - ❖ **action** indicates where the form contents will be sent when the form is submitted
 - ❖ **method** → defines how the contents will be sent (post/get)
- ❖ **<input>tag**
 - ❖ Appears inside of the <form> tag
 - ❖ Defines several input data alternatives
 - ❖ The general format is → <input type="ALTERNATIVE" />
 - ❖ ALTERNATIVE can be text, password, checkbox, radio, file, submit, button, reset, hidden, others

FORM DATA ACCESS

- ❖ We can access data in forms by using

`document.getElementById("elementId") ;`

- ❖ `getElementById` returns a reference to an element that we can use to:

- ❖ Retrieve the value of the element (e.g., text field in a form)

`var login = document.getElementById("loginId").value;`

- ❖ Set the function to call when an element is clicked on (e.g., button)

`document.getElementById("processButton").onclick =
functionDoesProcessing;`

- ❖ Get/Set Attributes

`var imageElement = document.getElementById("myImage");
var imageName = imageElement.getAttribute("src");
imageElement.setAttribute("src", "imageFile.jpg");`

- ❖ **Example:** `AssociateButtonWithFunction.html`, `GetValueInTextField.html`
- ❖ **Example:** `UpdateValueInTextField.html`, `GetSetAttribute.html`

RESET

- ❖ The functionality of the Reset button is already provided by HTML. You don't need to add any JavaScript or define a button
- ❖ You can change the text associated with the Reset button by using the value attribute
- ❖ **Example:** GetValueInTextField.html