### ****Objective 8: React Form Validation & Differences****

* **React Forms Validation**
  + Done via:
    - Custom JavaScript logic
    - Libraries like Formik and Yup
    - HTML5 validation attributes (required, pattern, etc.)
* **React Form vs HTML Form**

| Feature | HTML Form | React Form (Controlled) |
| --- | --- | --- |
| Control | Browser (DOM) | React (state) |
| Validation | Built-in (basic) | Custom or library-based |
| Reusability | Low | High |
| Flexibility | Limited | Very Flexible |

* **Controlled Components**  
  Inputs managed fully by React’s state.
* **Various Form Input Controls**
  + Text input, checkbox, radio, dropdown, textarea
* **Handling Forms in React**
  + Use useState and onChange handlers for each input field
* **Submitting Forms in React**
  + Handled with onSubmit on <form> tag