LWC:

Day 1:

* Single Page Web Application
* Component: Single Page Application build with components
  + Standard Component
  + Custom Component
* Diff ways of creating custom component:
  + Flow(Point and Click)
  + VF Pages
  + Aura
  + LWC
* LWC is a open source application any web application can make use of it
* Web Standards: HTML,CSS,JS
* HTML: To define component structure
* CSS: Styling the component
* JS: Client side programming language
* Salesforce CLI=>Command line interface=>will eneble to push or send the code to the server or pull the data from the server
* To create or edit the domain:setup🡺My Domain
* To create scratch org:Setup🡺Dev Hub🡺Enable Dev Hub

Day 3:

* HTML🡺Hypertext Markup Language
* If we want to create a separate styling in css file then create a separate class and apply styling then assign this class name in html wherever needed
* CSS Types:
  + Inline Style
  + External Style
  + Third party Library(Salesforce lightning design system- slds)

Day 4:

* If we want to apply styling globally then use HOST
* Include JS file in html using tag <script src=’Js File Name’></Script>
* To print in the console use **console.log()**
* As for **var** variables can be redeclared whereas **let** variables cannot be redeclared.
* Big integer will be declared with n. var x=9000000n.
* Template Literal `${x}`
* Use Strict annotation used so that codes will be properly declared with syntax
* Scope:
  + Global Scope(var x=10)
  + Function Scope
  + Block Scope(let x=10)

Day5:

* Variable Hoisting:Variable can be used before declaring ..will get output as undefined

Day6:

* Functions
* Types of functions
  + Regular functions
  + Function Expression🡺Store the function in a variable
  + Named function🡺Similar to function expression but with a function name
  + Arrow function🡺reduces the line of code.,
  + Callback Function🡺Function will be called from another function
* For Loop
* For Each Loop/for Each with arrow function:Cannot use break while using arrow function in for each
* For in loop:index will be assigned to a variable and traverse
* For of loop: Only values will assigned to a variable and traverse
* Array Functions
* Spread Operator

Day 7:

* Array Destructuring:
* Object:
* Object Literal: Object with a single set of data and also contains a function.To store more than one data store it in array
* Factory function: Multiple datas can be accessed with a function
* Object.keys(fn name)🡺list of keys
* Object.values(fn name)🡺list of values
* In object destructuring we should match the variables with key
* Class with constructor
* Promise

Day 8:

* Naming conventions:
  + Cames Case
  + Pascal Case
  + Lebab Case
* Local properties:
  + We cannot declare var, let or function in class level variables
* Data Binding:
  + One way Data Binding:Data from JS to HTML
  + Two way data binding:Data from JS to HTML or HTML to JS
* Getter Method

Day 9:

* Event and Event Listeners
* Reactive Property
* @track annotation should be used for object and array to make it reactive
* Template if:else
* Template for:each
* Conditional rendering
  + Lwc:if
  + Lwc:else if
  + Lwc:else

Day 10:

* Template iterator:
* Export and import
* Export default
* Design ,slds-col.grid,gutter
* Design token

Day 11:

* Shared CSS
* Local development server
* Async and wait
* Fetch API

Day 12: