

JavaScript 30 days Training F

Weeks	Days		Topics
Week – 1	Day – 1	Basic concepts	1. Introduction of JavaScript
			2. Installation of VSCode
			3. Data Types
			4. Variable
			5. Operators
	Day – 2	Statements & Loop	1. Statements(if, if-else, switch)
			2. For Loop
			3. ForEach & For...in
			4. While loop
	Day – 3	Function	1. Loop Control(break & continue)
			2. Function
			3. Anonymous Function
			4. Function Types
Week – 2	Day – 4	Array	1. Basic concept of Array
			2. Array Methods
			3. Array Sort
	Day – 5	ES6 Concept	1. Map Object
			2. Object entries
			3. Arrow Function
			4. Spread Operator
	Day – 6	ES6 Concept	1. Map
			2. Array Filters
			3. Array find and findIndex()
	Day – 7	ES6 Concept	1. Introduction of Promise
			2. Create a Promise
			3. then and catch method
Week – 3	Day – 8-10	Classes & Objects	
	Day – 11-12	React JS	1. Introduction of React js
			2. React functional component
			3. React JSX
Week – 4	Day – 13-15	React JS	1. State and Props
			2. React form
			3. React Events
Week – 4	Day – 15-20	React JS + JavaScript	1. React components Interaction
			2. JavaScript – Validation

Plan

Assignment

1. Declare types of variable

2. Do math operation

3. Print typeOf value

4. Do type casting

1 Check if a number is even or whole number

2.How many times does a character occurs in string

3. Palindrome number

4.Check whether a string contains another string and concatenate

1. Return the percentage of a number

2. Create a grade function for students marks

3. Create a calculator function.

1. Store the students details in an array of object.

2. Display all students name in ascending order.

3. Display each student highest mark in which subjects he got.

1. Create an copy of student array object.

2. Create an array function for

2. Reverse the name of each students and display.

1. Filter the students of same class and Display student name using Map.

2. Create a function(name) and find the name from students array. Display the student name with the index.

Write 4 program of using Promise

1. Create a class which contain four functions.

2. Call the function through object into another class.

3. Create a nested class and call the nested call function into another class.

1. Create a React application.

2. Create a page using react components contains text field, display box and submit button.

1. Create a Sign-in form and use props for Sign-in form labels.

2. Use Hover event to highlight which text field is selected.

3. Use onChange event to make any changes in the text field.

4. Use onSubmit event to submit the Sign-in form.

1. Create an login form Page.

2. Create a todo page.

3. Todo page display all works assigned to logged in user.

4. If login details present in database then → navigate to Todo page otherwise navigate to Sign-in page.