

Course Name:

Introduction to Javascript

Course instructor:

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CHAPTER 1: Introduction**CONTENT:**

- Instructor Introduction
- Introduction to Curriculum
- Historical Background and Advantages of the Language
- Installation of Necessary tools

LEARNING OBJECTIVES:

- The student will gain the necessary technical background for starting the course

CHAPTER 2: Data Types, Variables, and Operators**CONTENT:**

- Starting the work with the code
- Data Types and Variables

LEARNING OBJECTIVES:

- The student will be introduced to the fundamentals of the language

CHAPTER 3: Conditional Statements**CONTENT:**

- *If/else* Statement
- Nested Conditions

LEARNING OBJECTIVES:

- The student will be introduced to the idea of conditional statements and their applications

CHAPTER 4: Loops**CONTENT:**

- *while, do/while* Loops
- *for* Loops

LEARNING OBJECTIVES:

- The student will be introduced to the idea of loops and their applications

CHAPTER 5: Functions

CONTENT:

- Functions in Javascript
- Function Parameters
- Recursive Functions and Arrow Functions

LEARNING OBJECTIVES:

- The student will get the essential knowledge about the functions and their applications in Javascript

CHAPTER 6: Objects

CONTENT:

- Objects in Javascript
- Object Methods, Properties and Nested Objects

LEARNING OBJECTIVES:

- The student will get the essential knowledge about the objects and their applications in Javascript

CHAPTER 7: Final Project(Calculator)

CONTENT:

- Final Project Part 1
- Final Project Part 2
- Final Project Part 3

LEARNING OBJECTIVES:

- The student will use the knowledge gained during the course in practice