Basic Constructs: Conditional Statements and Iterative Statements
Pre Read

Things I need to know before this session

The session requires you to have basic knowledge of Javascript.

Introduction to Javascript

It is one of the most often used scripting languages in web development. Javascript is used in various applications for creating robust and complex web pages. Its many features make Javascript ideal for building complex and powerful web apps.
We will learn how to use javascript in this session and its importance and deep dive on Iterative,conditional,jump statements in javascript.

Variable in JS

Variables are containers used for storing data. There are four ways of declaring variables in js
1)let
2)const
3)var
4)nothing

Operator in JS

Operators in any programming language perform special mathematical and logical computations on operands. Various operators supported in javascript is as follows:

1)Arithmetic Operators
2)Comparison Operators
3)Logical Operator
4)Assignment Operators
5)Ternary Operators
6)type of Operator

Datatypes in JS

Data types are used to store specific data types and can be used to manipulate it accordingly.

Data types are broken into three sub-types:-

1)Primitive Data Type:string,number,boolean
2)Composite Data Type:Objects,Array,Function
3)Special Data Type:Undefined,Null

What will be taught in the upcoming session

Conditional Statements in JS

Conditional Statements helps in controlling behaviour in javascript and determining which code to execute. We will go through the conditional statements mentioned below:

1)If..else statement
2)Else if statement
3)Switch statement
4)Ternary Operator

We will also discuss the pros and cons of using each one of them.

Iterative Statements

Iterative statements offer a quick and easy way to do something repeatedly. They come in handy when you want to run the same code over and over again, each time with a different value. There are many different kinds of iterative statements, but they all repeat an action a number of times. We will go through the iterative statements mentioned below:

1)For Loop
2)While
3)Do While

We will discuss the advantages and disadvantages of using them in detail.

Jump Statements

Jump statements lead to an unconditional jump to another statement in the code.
They are used to interrupt the flow of switch statements and loops. We will go through the jump statements mentioned below:

1)Break;
2)Continue;

Practice On the Concepts Learned
One Coding question
One Development Question