Session 2

Agenda
1. Variables in JavaScript (var, let and const)
2. Data Types
3. Expressions
4. Functions
5. Loops
6. Arrays

Variables

1) **var**
2) **let**
3) **const**

Types

Primitive types:

(a) Numbers

(b) Strings

(c) Boolean

Special types:

a) null

b) undefined

c) objects

Expression

Expressions are units of code that can be evaluated and resolve to a value. Following are the commonly used expressions in JavaScript.

- **Arithmetic Expressions**
- **String Expressions**
- **Boolean Expression**
- **Logical expressions**

Function

A function is a block of code, self contained, that can be defined once and run any times you want.

A function can optionally accept parameters, and returns one value.

Loops

Loops can execute a block of code a number of times. Following are the most commonly used loops in JavaScript:

1. For Loop

2. While Loop

3. Do/While Loop