**Week 2 Topics**

1. Working of JS

a. Execution Context

b. Hoisting

c. Call Stack

d. Scope

e. Scope Chaining

f. Undefined, Not Defined and TDZ

g. Strict Mode

h. Let and var

i. Closures

j. JS runtime

2. Function in JS

a. Function Expression

b. Arrow Function

c. IIFE

d. Pure function

e. Callback function

f. Function returning Function

g. Higher Order Functions

h. Currying

i. map(), reduce(), filter(), find(), findIndex()

j. this keyword

3. OOP in JS

a. Object literals

b. this of Objects

c. Constructor function

d. Prototype

e. Prototype Chain

f. Arrays Prototype

g. Object.create

h. call/apply/bind methods

i. Object destructuring

j. Array Destructuring

4. ES6 Classes

a. Class in JS

b. Constructor function vs classes

c. Encapsulation

d. Inheritance in classes

e. Inheritance in Constructor function

f. static keyword

g. getter and setter

h. built-in classes

i. JSON

j. Shallow copy

k. Deep copy