# 04

JavaScript

| Session | Topic | Subtopic | Duration |
|---|---|---|---|
| 1 | Advanced Function | Function defination<br>i.By Expression<br>ii. Ananomus<br>iii.Arrow | |
| | | Calling<br>i.call by value<br>ii.call by referance | |
| | | Types of functions<br>i.callback function<br>ii.IIFE Function<br>iii.Higher Order Function<br>iv.Rest Parameter<br>v.Spread Operator | |
| 2 | Advance Scope | B | |
| | | Hoisting | |
| | | currying | |
| | | clousure | |
| 3 | Class And Object | Class<br>Constructor<br>object<br>this keyword<br>Object<br>Date<br>String<br>Math<br>Array | |
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| 4 | Iterator , Iterable | Iterator<br>for, while,do while , for of loop<br>Iterable<br>Generator | |
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|---|---|---|---|
| 5 | PrototType | ProtoType<br>ProtoTypal Inheritance | |
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| 6 | BOM | Windows | |
| | | History | |
| | | Navigation | |
| | | Location | |
| | | DOM<br>i.Elment Selector<br>ii.Element Attribute Add/Remove<br>iii.Element Creation<br>iv.Elemnt modification<br>v.Element Delete<br>vi.EventDelegation | |
| 7 | Async | Synchronization vs Async<br>i.Callback (sync , async)<br>ii.callback hell<br>iii.promise<br>iv.async and await | |
| | | | |
| 8 | Web API | Fetch<br>Canvas (chart.js) / SVG<br>Workers<br>WebStorage<br>Validation API | |