CALL

The call method in JavaScript allows you to invoke a function on an object while providing a specific context (this value) for that function to use, along with optional arguments that the function can accept. This enables dynamic context binding and the passing of specific values directly to the function being called

APPLY

Apply and Call method are almost same. The only difference is, when we are using apply method, we need to pass an array as the argument.

BIND

The bind method in JavaScript creates a new function that, when invoked, has a specific this value set to a provided value. It's useful for "binding" a function to a particular object as its context. The new function produced by bind can also have preset arguments if provided.

SHALLOW COPY

A shallow copy creates a new object or array, but the contents within it remain references to the original data. It copies the top-level structure without recursively copying nested objects or arrays.

DEEP COPY

A deep copy creates a completely independent copy of an object or array, including all nested objects or arrays. It ensures that changes made to the copied structure do not affect the original.

ABSTRACTION

Abstraction means hiding certain details that don't matter to the user and only showing essential features or functions.

ENCAPSULATION

Encapsulation means keeping properties and methods private inside a class, so that they are not accessible from outside that class.

POLYMORPHISM

Polymorphism means having different and many forms. We can overwrite a method inherited from a parent class.

OBJECT.CREATE VS OBJECT.ASSIGN

Agenda of the class 1. OOPS pyllars 4) polymosphism 9 encapsulation 9 abstraction 2. Call, Bind & Apply 3. Memory of Object 9 primitive l'reference data types 4 shellow copy & Memory in JS) Stack memory 2) Keap menong Let 21 = " [1" let 52 = "52" S2=51 update the value of updating by value SI with the value

let obj1= { let objd = { name: ०५२ ०५। Object. create() obj1 = { let objet veete (coji)