**HOISTING IN JAVASCRIPT**

During the creation phase just feel JavaScript engine moves your variable and function deceleration to the top of your code and this is known as hoisting. But it not true . we can access the variable before initialized because of that GEC . we know that during the GEC first allocate the memory of all the variable or function that’s why we can access.

**Var variable are hoisted**

console.log(Age)// undefined because we know that when we execute this code first create GEC .....

var Age=24;     // in memory phase Age variable has undefined value

console.log(Age)

**Let and Const are also hoisted in TDZ (Temporal dad zone)**

Let and const are also Hoisted but JavaScript engine put the value of let and const variable inside the TDZ. In that case we can’t access these value.

console.log(Name)// this time Name variable lies in TDZ.

let Name="Anurag";

console.log(Name)

**TDZ (Temporal dad zone )**

Basically TDZ is a state when we declare a variable but not initialized but after some time we initialized the value of that variable . between that time of deceleration to initialization is called TDZ.

**Function are also hoisted**

// Function are also hoisted but only normal function are hoisted not Anonymous Functions

// Here normal function is hoisted because the function is initialized in memory phase and then execute

///////////////////////////////////////////////////////////

sum()

function sum(){ // Normal function

    let x=20;

    let y=30

    console.log(x+y)

}

///////////////////////////////////////////////////////

 store(2,4)

 let store=(x,y)=>{ // Anonymous Function

    let add=x+y;

    console.log(add)

 }