The second secon
Hoisting In Java Script
Total In Javascorp
Hoisting simply gives higher specificity to javascript declarations. Thus, it makes the computer sead and process declarations first before analyzing other code in program
ioned simply gives higher specific makes
L'according declarations, mus,
The computer read and processin
first before analyzing other court
program
Note: 11-11 loss not mean Trips with
Note > Hosting does not mean Javascript reassanges of more code above one
reassanges of move code door on
ONDINES
Console log (name) // meaught refound
Console: log (name) // Uncaught Reference Eg > let name = (Deepa'; Error
Variables declared with let and const are hoisted but not initialized with a
are hoisted but not initialized with a
défault value.
- Const. 1
Accessing let or before it's dela declared
Accessing let or const before it's dela declared will give !-
Uncaught Reference Error: Cannot access
Uncaught Reference Error: cannot access before initialization Remember the Error message tells variable is initialized
Vernambal the Groot male and talla registle is the lized
formante in enough inexage reas variable is inclaurce

Youable hoisting with var
with vac, it initialized its value to undefined, unlike let or const.
Eg > Console. log (name); // undefined Vave name = 'deepa'; Console. log (name); // deepa'
Now let's analyze this behaviour!
Var name 's Console. log (name); // undefined name = (deepa'; console. log (name); // deepa
Remember, the first console, log (name) outputs undefined becoz name is hoisted, and given a default value (not becoz variable is never declared).
Using underlased variable will throw Reference Ester
Console. log (name); // Vncaught Reference Errol : po name is not defined

Date: / /
Now let's see 16 we donot declare var what happens
console log (name); Il Unique Referenciement mame = 1 deepa';
Assigning a variable that's not declared is
Javascrift let us access variable before they're declared. This behaviouse is an unusual part of javascrift and can lead to errors.
Vsing variable before it's declaration is not desirable
The Temporal Dead Zone
The reason why we get reference Error when we try to access let of const before. Its declaration is Temperal Dead 7 one.
Temperar vara vone

	Date://
The TDZ starts at begining variables enclosing sope and when it is declared.	L. 1/14/11/11
Accessing variable in TDZ gives \$ 11 Start of Foo's let bare = (bar' consol.log (bar);	Reference Errol. TDZ 11 box 1
console. log (foo); becoz let foo = 'foo'; J. II End of foo's TD type of TDZ for let or const > for var =>	Z
Functional Hoisting Function declarations are hos Function hoisting allows us function before it is declar	sted too. to call ed ordefined.

foo (); (1 Foo?
Function foo() { console.log ('foo'); 4
console. log ('Foo');
4
Note only function declaration are hoisted not function Expressions.
not function Expressions.
Eg foo(); // Uncaught Type Errol:
Eg foo(); // Uncaught Type Errol: Var foo = Function () & 3
Uncaught Type Erros: Foo is not a function
base); 11 Uncaught Type Error let bar = function () & 3
let bar = function () & 3
Uncaught Reference Error: cannot access bas before initialization
before initialization
<u> </u>
Similarly for const.
For function that is never declared!
fool); Il Uncaught Reference Erros; foo is not defined
fee is not defined