JAVA SCRIPT

EP-5

->WINDOWS AND THIS KEYWORD

* THE SHORTEST PROGRAM IN JAVASCRIPT IS A PROGRAM WITH NO CODE.
* WITHOUT ANY PIECE OF CODE IS HAS A LOT OF THINGS WORKING BEHIND THE SCENE.(EG. CREATING EXECUTION CONTEXT)
* JS CREATES WINDOWS(OBJECT WITH LOT OF METHODS CREATED BY JS ENGINE IN THE GLOBAL SPACE).
* “this” POINTS TO THE WINDOW OBJECT.

this===windows

* WINDOWS IS A GLOBAL OBJECT CREATED WITH GLOBAL EXECUTION CONTEXT.
* WHEN A JS PROGRAM IS EXCECUTED A GLOBAL EXECUTION CONTEXT IS CREATED, GLOBAL OBJECT(WINDOWS )&”this” IS CREATED.
* IN A GLOBAL EXECUTION CONTEXT :

This===windows } true

GLOBAL SPACE-> ANY CODE WHICH IS NOT INSIDE A FUNCTION IS CALLED AS GLOBAL EXECUTION CONTEXT.

**CODE:**

var a=10;

function b(){

var x=10;

}

Console.log(window.a);

Console.log(a);

Console.log(this.a);

Console.log(x);

**CONSOLE:**

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Error//x is in function not in the global space