Linking a Java Script file within HTML Page (1) HTML PAGE COPE LI DOCTTPE HTML> (head) L html> (style) Khead > </head> -Jana Script {body> </body> L/html> 2/style> (head) * Writing a Js Code made a head Tag of HTML Code as referred as In-line linking using In-line scapt. (11) Script. is. [indexohtm] CIPOLTYPE LAML> let var= 40+10; 2html) alert ("Hello world"); Lhead > </head> Consolerlog (" Pantry to Conale") (body) (Scapt src='scripto's') </script> L/body) </html> - Du The This is referred to as antenal linking of JavaScript file. < Script Src="location"> </ script> is added just before closing Whody tag

* Javascript fles are having "xxxxx is" Extension.

E Valves & Variables

(* Value) is Basi cally a piece of data. It is the Most funda-mental piece of imformation available in programming. A Value (an be of any type. (i) it can be number (ii) it can be a string or any other data type quailable in Java Script.

(* Variables); are nothing but a piece of memory which holds an value or information. Once the values are stored in Variables or stored in memory, it can be used over and times whenever it is necessary or required. Values Can be accessed or manipulated very the variable names Value (liece of information)

type declaration

let Age =

Variable name

In Java Script a Variable Can be declared in 3 ways using O Let @ var 3 Const

(Convention or Naming rules for Variables)

* Number should not be there in start of a Vanigble name.

At Other than 4 or _ are not allowed

* Keywords are not allowed to declare Variable names. * declaring Variable names with Capital letter are not illegal but not advisable as Variable names with starting letter Capital is wed in object-oriented-hogramming.

It is always advisable to are Camel Casing to define Variable hames. Variable name should be emplanation means they should be able to reflect what value it is having. It should be descriptine.



* By Data-Type we means that what kind of information/ In Jana Script, every (value) is either CPisuss I glan C' (OBJECT)

En (et me= {
 name: 'Jonas'
 }; (PRIMITIVE) En Let firstrames 'Jonas' (et age = 30;

In Javascript we can store 7 types of Primitive Values or 7 different Data-Types

- Downber: Floating Point Numbers: Used for decimals & integers.

 (All numbers in Java Script are of floating Type
 Which Means they do have decimal part as compare to
 Which Means they do have decimal part as compare to
 Other programming language) Let age = 23;
- 2) Strings: Seguence of characters: Used for tent & always marked with the between Single/Double Ovoles. Let first name: "Virendra";
- Boolean & Logical type that Can only be True or false.

 " used for taking Decisions. Let fillage = true;
- (4) Undefined or is a value taken by a variable that is not yet defined let name;
- 3 Nou :- Also Means Empty Value.
- (D. Symbol (E52015): Value that is Unique and Cannot be charged.
- @ BigInt (Es 2020) :- Larger integers than the dumber type (an hold.

In Java Script we do not manually define the data type of the value stored in Variable, data types are determined automatically So, Java Script has dynamic Typing In Simple words Value = has Data Types ~ Variable = x does not have data type x (Commenting) Single line Comment = // is used to define Single line Comment.

(any lode after // is not going to enecoted?

(and Simply omitted) Molhline Comment à 1# Mon T(C i) Unbern