(56) Console-log (Promise - susplue (5));

Ams. . \ Promise resolve (value) is a method that return a Promise object that is resolved with a given value.

- · In this case, Promise. resolve (5) creates a promise that is immediately resolved with the Value 5.
- · When we log a promise using 'console.log', it prints the promise Object itself, not the suspired value.
- · The Promise Object will show it's Status (whether it's pending , resolved on rejected) and the regolved value itits resolved.
- . Since the Bramise is resolved immediately, the Status will be 'fulfilled', and the value will be '5!

Therefore, the output will be -

▶ Promise {5}.

Promise {<fulfilled>:5}

(57) Console. lg ('O' = = = 'O');

Ans > 1. String Comparison

· In JS, the ' == = 'operator checky for struct equality, which meany it checks both the value and the type of the operands.

The two strings 'O' are identical in both value and type Cthey both are Strings). 2. Unicode and String Equality. . The heart character 'O' is a unicode character, and since both strings contain exactly the same character, the comparison returns / tous! Therefore, the output will be ___ · frue (58) let name = 'Than 's function get Name () & 0 console. log (name); let name = Rajesh; me linkery, the states will getNome (); A.> 1. Variable Hoisting. · JS uses a concept called "hoisting" where variable and function declaration are moved to the top of their scope before code execution · However, 'let and const variables are hoisted but are not initialized. This means they are in "temporal Dead Zore" from the start of the block until the declaration is encountered.

2. Within the 'get Name' Function_ · Inside the getName functions the variable name is declared using let, but this happens after the 'Onsole log (name) statement. · Due to hoisting, the 'name' variable inside get Name is recognized but not initialized before it is used in 'console. Log (rane): · This leads to a 'Reference Exsox' because the variable 'name' is in the 'temporal deal zone' at the time 'console. log (name) 'tries to access it. 3. Global 'name Variable -· Ever though there is a global variable 'none' with the value The sit is shadowed by the local name voriable within the 'get None' furtion · Because the local name! Worksble is declared with It (and not yet initialized), the code does not fall back to the global 'nome' Variable. Therefore, the output will be -· Reference Evoror: Cannot access 'name' before initialization Note - let name = 'Tha'; function get Name () { console. log(rome); -> output - Tha get Nome (); · Since there is no local variable name declared inside the 'get Name' furction, it will look for the 'name' Variable in it's outer scope (the global scape in this case).



