rull + 20 = 0 + 20

· 20

(72) let newlist = [2,3]. peush (4); console. log (newlist. push (5));

Ans.>1. let newlist = [2,3]. push (4)

- · The push method adds one or more elements to the end of on array and returns the new length of the array.
- · In this case, [2,3]. push (4) aill add `4' to the array `[2,3]', resulting in `[2,3,4]'.
- · The push method returns the new length of away, which is 3:
- · Therefore, 'nowlist' will not be an array, it will be a number with the value '3!
- 2. console. log (newlist. persh (5))
- · Since 'newlist' is a number ('3'), not on array, attempting to call 'push' on it will result in on error.

Therefore, the output will be ->

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TA

- · Type Exxox: newlist. push és not a function
- Note The swason why the result of the 'push()' method became a number, rather than remaining an array of lies in how the 'push()' method is designed to work in JS.
 - · The 'opush ()' method adds one or more elements to the end of an array.

However, the 's push () method does not retion the array itself after adding the clement. Instead, it returns the new length of the arrivary after the claments have been added. correct method -> let revelist = [2,3]; de la newlist. push (4); console log (newlist); //output > [2,3,4] (73) function get Items (list, ... args, more Item) & return [...list, ... args, more Items] getItems (["berry", "apple"], "pear", "kiwi"); Ansy. The function 'getItems' is defined with parameters 'list', '... args', and 'more I tem'. · ... args is a rest parameter which gathery all remaining arguments into an array. · In JS, the rest parameter ... orgs must be the last parameter in a function's parameter list. However, in this function, 'more Item' comes after '... args', which is not allowed. Therefore, the output will be -· Syrtax Error: Rest clement must be last element

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(3)

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(74) function nums (a,b) { if (a>6) console. log ('a is large'); else console. Log (16 is large!); return a+6; Console. log (nums (4,2)); console. Dog (nums (1,2)); A>> Function Call numy (4,2)' -· '4>2' is 'true', so it prints 'a is large'. · The function return '4+2', which is '6'. Function Call 'nung (1,2)'_ · '1 > 2 is 'false', so it prints 'bis large'. · The function returny '1+2', which is '3' Therefore, the output will be · a is large · b is large

(75) class Person & constructor () & this. name = ' Rajesh'; Peryon = class Another Person { constructor() & this name = 'Tha'; const member = new Peryon (); Console. log (member. name); Ans) In this code, the 'person' class is greassigned to new class 'Another Person' before creating an instance. This reassignment effectively replaces the original person class with 'Another Person. The original Person class is no longer accessible, and 'Person' now refer to 'Another Person'. --> creating an Instance of Person const member = new Person (); --3 · Since 'Person' is now 'Another Person', this line creates ar 4 instance of 'Another Bryon'. Therefore, the output will be 19 (1) · Tha (B) 3

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