Console log ("by it's a string!")

Ans. 1. Variable Initialization and Reassignment -

"randomblue" is initially an object with a property 'name'
Set to "Rajesh".

"Ther, 'rardom Value' is reassigned to '24', so it is now a number.

2. Condition check -

· The 'type of random blue return "number", since 'random blue' is now a number.

The 'I' operator only negates the immediate expression that follows it, which in this are is 'type of random Value:

However, the 'type of 'operator always returns a String, so 'I type of random Value will always be 'false', since any non-empty string is truthy and negating it will be 'false'.

· The expression \! type of random Value == = "String" is evaluated

· folse === "string", which is false'.

· Thuy, the 'else' block will always execute organdless of the actual type of 'nundom/value'.

Therefore, the output will be -

· You it's a String!

(78) const emaje = ['D', 'O', '3'];

emoji · Slice (0,1);

emoji-splice (0,1);

emoje. unstite ('@');

conduly (emoji);

```
Ans.> 1. 'slice' Operation ->
         emoji. slice (0,1);
1
      - The 'slike' method returns a shallow copy of a partion of an
       CiOi] , Event ar Je ses Ent la force one or Liais
3
3
        but it does not mobily the original 'emoje array.
de
      - After this operation, 'emoji' runaing '[O; 'O', 'aj']!
0
   2. Splice Operation -
0
         emaji Splice (0,1);
      - The splice method changes the contents of an array by removing or suplacing existing elements and/or adding new elements in
13
1
        place.
3
      - emoji. Splice (0, 1) removes the first element yrom the emoji
        array ('O), modifying 'engis' to \['@', '13'];
     3. Unshift operation
      - The wishift method adds one or more clements to the
         beginning of an array and return the new length of the array.
     Therefore, the output will be -
     → ['@', '@', 'ユチ ]
-
   (79) let court = 0;
       const numy = [0, 1, 2, 3];
-
       numy. for Each (nun => 5
        if (nun) E
          count += 13
         console. log (count)
```

Any 1. for Each loop · The for Each method iterates over each element in the new array. · During each iteration, the code checks whether 'rum' is truthy (i.e., 'if (num) ). · If the condition is true 'count' is incremented by '1' 18 B 2. Heration Details -B · First Iteration ('num = 0') -0 +'O' is foly in JS, so 'if (num) is 'folse' and 'count' 0 C remains 10% 1 · Second Heration ('num = 1') -> 1' is truthy, so 'if (num) 'is 'true', and 'count'is D 0 incremented to '1'. To · Third (teration ('num=2') - C -> '2' is truthy, so if (nun) is 'true', and 'count'is W incurrented to 2. -9 · Fourth Heration ('num = 3') -6 -> '3' is touthy, so 'if (rum) 'is 'true', and 'count'is -incremented to '3'. -Therefore, the output will be -LA -6 ---(3) -5 6

10

150

2

(80) cont berion = { name: Rajesh, address: 5 City: Faridabad, **}** ; Object. freeze (person); person. name = null; person. address. city = null; corsole. Dog (person); Ans. 7. Freezing the Object - Object · freeze (person); - It makes the 'person' Object immutable. This means that the projecties of 'person' an't be changed, added or deleted. Howevery only the top-level properties are frozen. The 'address' Object, which is a nested Object, is not deeply frozen. 2. Attempting to modify Properties -- person. hame = null, This attempt to charge 'name' will fail silently (without error) in non-street mode, and 'name remains 'Rajesh. - person address city = nully This attempt to charge the 'city' property of the 'address' object will succeed because 'address' was not prozen. The 'city' property will be charged to 'null'.

Therefore, the autput well be ->

name: 'Rajesh',

address: {
 city: null
 }

For more question, Visit

github -> grajeshjha 2000