JAVASCRIPT

1.INCLUDES
2.STRING METHODS
3.SPREAD OPERATOR
4.SHORTEST WORD IN A STRING
5. SHALLOW COPY AND DEEP COPY
6.SET OBJECT
7.REVERSE AN ARRAY WITHOUT USING NEW ARRAY
8.REMOVE NTH ELEMENT FROM AN ARRAY
9.REMOVE DUPLICATE ELEMENTS FROM THE ARRAY
10.EVEN NUMBERS FROM THE ARRAY
11.PURE FUNCTION IMPURE FUNCTION
12.PRINT DUPLICATE ELEMENTS
13. PALINDROME OR NOT
14.ARRAY DESTRUCTURING
15. OBJECT DESTRUCTURING
16. DELETE MULTIPLES OF 3
17. PRINT MULTIPLES OF 5
18.CURRYING
19.CLOSURE
20.CALLBACK // FIND SUM OF TWO NUMBERS
21.CALL , APPLY , BIND
22.PROMISE WITH ASYNC FUNCTION
23.ARROW FUNCTION
24.ARRAY METHODS
25.FIND SMALLEST ODD NUMBER USING REDUCE
26.SUM WITH PROMISE
27.FIND PERSON AGED LESS THAN 54 (IN A OBJECT)
28.FACTORIAL
29.FIND THE SECOND LARGEST NUMBER IN AN ARRAY (FOR LOOP , REDUCE)
30.29.FIND THE MAX NUMBER IN AN ARRAY (FOR LOOP,REDUCE)
31.CALCULATE THE AVERAGE
32.COUNT EVEN NUMBERS IN AN ARRAY
32.SUM OF ARRAY IN OBJECT IN ARRAY ab=[{ab:[1,2,3,4,5,1]}]
33.FLAT AN ARRAY AND FIND THE SUM OF THE ARRAY
34.2.FIND UNIQUE NUMBERS IN AN ARRAY
35.CONST A=[1,2,4,10] FIND THE NUMBER DID NOT PRESENT IN THIS ARRAY
EG:3,5,6,7,8
36.CONST NAME=['rasha','riza'] CONVERT THE r LETTER IN TO UPPERCASE

37.CONST arr=[1,'r',2,'a',3,'s',4,'h'] PRINT NUMBERS FROM THIS ARRAY
38.CONST arr= [1, '', 'hello', null, 'world', undefined, 42, NaN, 0]; REMOVE NULL AND UNDEFINED
39.CONST =['rasha','shibily','maneesha']FIND THE LONGEST STRING WITH LOOP AND REDUCE
39.SUM THE SQUARE OF NUMBERS IN AN ARRAY
40.PRINT FIRST 10 EVEN NUMBERS USING GENERATOR FUNCTION
41. const arr=[1,2,3,null,4,undefined,5] REPLACE 4 WITH 40
42.FOR IN AND FOR OF
43.TYPE CASTING EXPLICIT IMPLICIT
44.TERNARY OPERATOR
45.CLASS
46.HOISTING
46.HOF
47.DEFAULT PARAMETER
48.WHILE AND DO WHILE LOOP
49.MAP REDUCE FILTER FOREACH IMP
50.CONST arr=[1,-2,-4,2,4,-6,] CONVERT POSITIVE NUMBERS IN TO NEGATIVE AND NEGATIVE IN TO POSITIVE
51.CHECK IF A NUMBER IS A FRACTION NUMBER OR NOT
52.DOM
52.CHECK IF THE LETTER 'L' IS PRESENT IN THE STRING 'HELLO' AND RETURN THE RESULT IN A PROMISE.

NODE.JS

1.CREATE A SERVER (HTTP,EXPRESS)
2.CREATE A ROUTE IN HTTP
3.CREATE APPLICATION MIDDLEWARE AND ERROR HANDLING MIDDLEWARE
4.FS MODULE(WRITE AND READ)
5.WRITE CURRENT DATE TO A FILE USING FS