BASIC JAVASCRIPT QUESTIONS

1. Reverse a given string.
2. Find the sum of all elements/numbers of a given array.
3. Reverse each word in a string.
   Input: Hi my name is <Your Name>
   Output: iH ym eman si <Your Name in Reverse>
4. Check if the entered number is palindrome or not?
5. Find the next palindrome number after 1991.
6. Write a code to find the third largest number in an array without sorting.
7. Write a function to generate random numbers and find if it's prime or not.
8. Write a function to generate random numbers and find if it's even or not.
9. Write logic to swap values of two variables without using a third variable.
10. In an array of 100 elements, 1 to 100 are stored but 0 is stored for one random number. Write a program to find the missing number.
11. Write a program to display the duplicate characters of a String.
12. Write a program to find the occurrences of each number of an array of 20 elements.
13. Write a program to remove duplicate values from an array of integers.
14. Using the below Map :

    {
    Developer: 5,
    Designer: 3,
    QA: 4,
    Manager: 1
    }

    Output below arrays dynamically :

    A) [[‘Developer’,‘Developer’,‘Developer’,‘Developer’,‘Developer’],[‘Designer’,‘Designer’‘Designer’],[‘QA’, ‘QA’, ‘QA’,‘QA’], [‘Manager’]]

    B) [‘Developer’,‘Developer’,‘Developer’,‘Developer’,‘Developer’,‘Designer’,‘Designer’‘Designer’,‘QA’, ‘QA’, ‘QA’,‘QA’, ‘Manager’]

15. If provided the following input :
    React Python Ansi-C javascript python Ansi-C JAVA PYTHON Ansi-C Java Ansi-C Javascript Python Ansi-C Java Ansi-C React JavaScript Ansi-C Java pythoN React javaScript AngulaR Ansi-C Python angular Java Javascript

    Output in the below format :

Word	Freq
Ansi-C	8
Python	6
Java	5
Javascript	5
React	3
Angular	2

    Sort in descending order of frequency and ascending order of dictionary if the frequency is the same.

ADVANCED JAVASCRIPT QUESTIONS

(OPTIONAL - WILL NOT CONSIDER FOR EVALUATION)

1. Write a program to multiply two numbers of any length (1 <= length <= 100) (Note: Don’t use any library classes like a big integer)

   Example:
   1234 x 5678
   1 x 2345876549
   123434545546547675012394 x 1223435436565796877608

2. Valid mobile number detection based on the following condition:
   a. The mobile number should have a length of 10 or more digit
   b. The first digit should >=6
   c. Can also have +91, 0, 91 as the prefix

   If the mobile number is valid output the input mobile number in the below format: (+91)999-899-9891

3. Restructure and sort the following array to [number, “string”]
   Input: [2, "b", 4, "d", 3, "a", "c", "e", 5, 1]
   Output: [1, 2, 3, 4, 5, "a", "b", "c", "d", "e"]

4. Create a for loop that iterates up to 100 while outputting "jelly" at multiples of 4, "fish" at multiples of 7 and "jellyfish" at multiples of 4 and 7.