JAVASCRIPT EXERCISES PART 1

1 - Write a JavaScript program to check two given numbers and return true if one of the number is 50 or if their sum is 50.

2- Write a JavaScript program to check from two given integers, whether one is positive and another one is negative.

3 - Write a JavaScript program to find the area of a scalene triangle where lengths of the three of its sides are 5, 6, 7.

4 - Write a function `toArray` that takes 2 values and returns these values in an array.

5 - Write a function addWithSubcharge that adds two amounts with subcharge. For each amount less than or equal to 10, the subcharge is 1. For each amount greater than 10, the subcharge is 2.

6 - Write a function `rotate` that rotates the elements of an array. All elements should be moved one position to the left. The 0th element should be placed at the end of the array. The rotated array should be returned.
  ** Example: `rotate(['a', 'b', 'c'])` should
return `['b', 'c', 'a']`.

7 - Write a JavaScript program to compute the sum of the two given integers. If the two values are same, then returns triple their sum.

8 - Write a JavaScript function to get the first element of an array. Passing a parameter 'n' will return the first 'n' elements of the array.
      example - console.log(first([7, 9, 0, -2]));
                console.log(first([],3));
                console.log(first([7, 9, 0],3));
                console.log(first([7, 9, 0, -2],6));

      Output should be: *Expected Output* :
                        7

9 - Write a simple JavaScript program to join all elements of the following array into a string.
Sample array : myColor = ["Red", "Green", "White", "Black"];

*** *Expected Output*:
"Red,Green,White,Black"
"Red,Green,White,Black"
"Red+Green+White+Black"

10 - Write a JavaScript program to compute the sum and product of an array of integers.

11 A Sandwich Calculator

1. Write a function called sandwich calculator. This should accept one value: slicesOfBread
2. The function should return the total number of possible sandwiches based on the amount of slices available, so if there are 10 slices, it should return 5. Test your function with an alert box.
3. Extend your function so it accepts two values, slicesOfBread and slicesOfCheese.
4. It takes two slices of bread and one of cheese to make a sandwich. The function should return the total number of possible sandwiches, so if there are 10 slices of bread, but only 1 of cheese, it should return 1. You'll need an if statement to make this work.