Assignment #2

1. Question: Reverse a string without using the built-in reverse() method.  
  
2. Question: Count the number of vowels in a given string.  
  
3. Question: Convert the first letter of each word in a sentence to uppercase.  
  
4. Question: Check if a string is a palindrome.  
  
5. Question: Find the sum of all positive numbers in an array.  
  
6. Question: Find the index of the first occurrence of a specific element in an array.  
  
7. Question: Remove all duplicates from an array without built-in methods.  
  
8. Question: Sort the array in ascending and descending without built-in methods.  
  
9. Question: Print all even numbers between 1 and 20 using a while loop.  
  
10. Question: Calculate the factorial of a number using a do-while loop.  
  
11. Question: Iterate through the properties of an object using a for-in loop.  
  
12. Question: Loop through an array using a for-of loop and double each element.  
  
13. Question: Check if a number is even or odd and return a corresponding message.  
  
14. Question: Find the maximum of three numbers using nested ternary operators.  
  
15. Question: Determine if a year is a leap year or not.