Task 1: Reverse Every Word in a Sentence

function reverseWordsInSentence(sentence) {

// Split the sentence into words

const words = sentence.split(' ');

// Reverse each word and store them in a new array

const reversedWords = words.map(word => {

return word.split('').reverse().join('');

});

// Join the reversed words to form the final sentence

const reversedSentence = reversedWords.join(' ');

return reversedSentence;

}

const inputSentence = "This is a sunny day";

const reversedSentence = reverseWordsInSentence(inputSentence);

console.log(reversedSentence); // Output: "shiT si a ynnus yad"

Task 2: Sort an Array in Descending Order

function sortArrayDescending(arr) {

return arr.sort((a, b) => b - a);

}

const numbers = [5, 3, 9, 1, 8, 2];

const sortedDescending = sortArrayDescending(numbers);

console.log(sortedDescending); // Output: [9, 8, 5, 3, 2, 1]