2 JavaScript

A. Take a sentence as an input and reverse every word in that sentence.

a. Example - This is a sunny day > shiT si a ynnus yad.

function reverseWords(sentence) {

const words = sentence.split(' ');

const reversedWords = words.map(word => reverseString(word));

return reversedWords.join(' ');

}

function reverseString(str) {

let reversed = '';

for (let i = str.length - 1; i >= 0; i--) {

reversed += str[i];

}

return reversed;

}

// Example usage

const sentence = 'This is a sunny day';

const reversedSentence = reverseWords(sentence);

console.log(reversedSentence);

**B .** Perform sorting of an array in descending order.

function sortArrayDescending(arr) {

for (let i = 0; i < arr.length; i++) {

for (let j = i + 1; j < arr.length; j++) {

if (arr[i] < arr[j]) {

let temp = arr[i];

arr[i] = arr[j];

arr[j] = temp;

}

}

}

return arr;

}