

### **Java Script:-**

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

```
function reverseWordsInSentence(sentence) {  
  
    const wordsAndWhitespace = sentence.split(/\s+/);  
  
    const reversedWords = wordsAndWhitespace.map(item => {  
  
        if (item.trim() === '') {  
  
            return item;  
  
        } else {  
  
            return item.split('').reverse().join('');  
  
        }  
  
    });  
  
    const reversedSentence = reversedWords.join('');  
  
    return reversedSentence;  
  
}  
  
const inputSentence = prompt("Please enter a word:");  
  
const reversedSentence = reverseWordsInSentence(inputSentence);  
  
console.log("Reversed Sentence: " + reversedSentence);
```

#### **Output:-**

Please enter a word:Kiran Kumar Reddy

Reversed Sentence: nariK ramuK yddeR

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

```
function descendingSort(arr) {  
  
    return arr.sort(function(a, b) {  
  
        return b - a;  
  
    });  
  
}
```

```
    });  
  }  
  
  const readline = require('readline');  
  
  const rl = readline.createInterface({  
    input: process.stdin,  
    output: process.stdout  
  });  
  
  rl.question('Enter numbers separated by spaces: ', (input) => {  
    // Split the user input into an array of numbers  
    const inputArray = input.split(' ').map(Number);  
    if (inputArray.some(isNaN)) {  
      console.log('Invalid input. Please enter valid numbers.');    } else {  
      const sortedArray = descendingSort(inputArray);  
      console.log('Sorted array in descending order: ' + sortedArray.join(' '));  
    }  
    rl.close();  
  });
```

**Output:-**

Enter numbers separated by spaces: 10 35 5 20 45 25

Sorted array in descending order: 45 35 25 20 10 5