1. **Do the below programs in arrow functions.**

\***Print odd numbers in an array:**

//function printOddNumbers(arr) {

for (let num of arr) {

if (num % 2 !== 0) {

console.log(num);

}

}

}

\***Convert all the strings to title caps in a string array:**

function convertToTitleCaps(arr) {

return arr.map(word => word.charAt(0).toUpperCase() + word.slice(1).toLowerCase());

}

**\*Sum of all numbers in an array:**

function sumOfNumbers(arr) {

return arr.reduce((acc, num) => acc + num, 0);

}

**\*Return all the prime numbers in an array:**

function isPrime(num) {

if (num <= 1) {

return false;

}

for (let i = 2; i <= Math.sqrt(num); i++) {

if (num % i === 0) {

return false;

}

}

return true;

}

function getPrimeNumbers(arr) {

return arr.filter(num => isPrime(num));

}

# \*You can use these JavaScript functions as follows:

## // Sample arrays for demonstration

## let numbers = [1, 2, 3, 4, 5, 6, 7, 8, 9];

## let strings = ["apple", "banana", "level", "deified"];

## printOddNumbers(numbers);

## let titleCapsStrings = convertToTitleCaps(strings);

## console.log(titleCapsStrings);

## let sum = sumOfNumbers(numbers);

## console.log("Sum of numbers:", sum);

## let primeNumbers = getPrimeNumbers(numbers);

## console.log("Prime numbers:", primeNumbers);

## let palindromes = getPalindromes(strings);

## console.log("Palindromes:", palindromes);