1. Do the below programs in anonymous function & IIFE
   1. Print odd numbers in an array

const arr = [1, 2, 3, 4, 5, 6, 7, 8, 9];

const odds = arr.filter(number => {

return number % 2 !== 0;

});

console.log(odds);

})(odds);

* 1. Convert all the strings to title caps in a string array

function titleCase(str) {

str = str.toLowerCase().split(' ');

for (var i = 0; i < str.length; i++) {

str[i] = str[i].charAt(0).toUpperCase() + str[i].slice(1);

}

return str.join(' ');

}

Console.log(titleCase("GUVI"));

})(“GUVI”);

* 1. Sum of all numbers in an array

let a=5;

let b=10;

[a,b]=[b,a];

console.log(a+b);

})(a,b);

* 1. Return all the prime numbers in an array

const Array = [1, 3, 2, 5, 10];

const isPrime = num => {

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

if (num % i === 0) return false;

}

return num !== 1;

const PrimeArray = Array.filter(isPrime);

console.log(PrimeArray);

})(PrimeArray);

* 1. Return all the palindromes in an array

const getAllPalindromes = function (words) {

return words.filter(function (word) {

return word.split("").reverse().join("") === word;

});

};

console.log(getAllPalindromes(["hello", "noon"]));

})(getAllPalindromes(["hello", "noon"]));

1. Do the below programs in arrow functions
   1. Print odd numbers in an array

const arr = [1, 2, 3, 4, 5, 6, 7, 8, 9];

const odds = arr.filter(number => {

return number % 2 !== 0;

});

console.log(odds);

* 1. Convert all the strings to title caps in a string array

function titleCase(str) {

str = str.toLowerCase().split(' ');

for (var i = 0; i < str.length; i++) {

str[i] = str[i].charAt(0).toUpperCase() + str[i].slice(1);

}

return str.join(' ');

}

Console.log(titleCase("GUVI"));

* 1. Sum of all numbers in an array

let a=5;

let b=10;

[a,b]=[b,a];

console.log(a+b);

* 1. Return all the prime numbers in an array

const Array = [1, 3, 2, 5, 10];

const isPrime = num => {

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

if (num % i === 0) return false;

}

return num !== 1;

const PrimeArray = Array.filter(isPrime);

console.log(PrimeArray);

* 1. Return all the palindromes in an array

const getAllPalindromes = function (words) {

return words.filter(function (word) {

return word.split("").reverse().join("") === word;

});

};

console.log(getAllPalindromes(["hello", "noon"]));