Do the below programs in arrow functions

1. Print odd numbers in an array

const odd = (arr) => {

let arr1 = [];

for (let i in arr) {

if (arr[i] % 2 !== 0) {

arr1.push(arr[i]);

}

}

return arr1;

};

console.log(odd([2,4,9,7,10,22,17]));

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

const capital1 = (str) => {

var arr = str.split(" ");

console.log(arr);

var res = [];

for (var i in arr) {

res.push((arr[i] = arr[i][0].toUpperCase() + arr[i].slice(1)));

}

return res.join(" ");

};

console.log(capital1("my name is logesh"));

1. Sum of all numbers in an array

var total = (arr) => {

var sum = 0;

for (var i in arr) {

sum += arr[i];

}

console.log(sum);

};

total([2, 3, 10]);

1. Return all the prime numbers in an array

var prime = (arr) => {

return arr.filter((num) => {

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

if (num % i === 0) {

return false;

}

}

return num > 1;

});

};

console.log(prime([1, 2, 3, 12, 25, 37, 99]));

1. ) Return all the palindromes in an array

var palndrm = (arr) => {

var arr1 = [];

for (var i in arr) {

if (arr[i].split("").reverse().join("") === arr[i]) {

arr1.push(arr[i]);

}

}

return arr1;

};

console.log(palndrm(['amma', 'racecar', 'apple', 'porcupine', 'appa','live', 'level']));