1) Do the below programs in arrow functions

Print odd numbers in an array

```
var arr = [ 5, 6, 8 , 9, 11 ];
var oddArray = arr.filter(x => {return (x%2 !== 0)});
console.log(oddArray);
```

Convert all the strings to title caps in a string array

```
var str = ["aff", "duff", "taff", "off"];
function conv(s)
{
  var a = s.split(");
  a[0] = a[0].toUpperCase();
  var finala = a.join("");
  return finala;
}
var result = str.map(conv);
console.log(result);
```

Sum of all numbers in an array

```
var a = [1, 2, 7, 8];
var tSum = a.reduce((s,x) => (s+=x), 0);
console.log(tSum);
```

Return all the prime numbers in an array

```
var arr = [5, 6, 8, 9, 11];
var priArray = arr.filter(x => \{ for(var i = 0; i< x/2; i++) \{ if(x%i !== 0) \{ return x; \}\}\});
console.log(priArray);
```

Return all the palindromes in an array

```
var du = ["malayalam", "fun", "dad"];
function isPalindrome(x) { var a = x.split(""); if(a = a.reverse()) { return true; } }
var palindromes = du.filter(isPalindrome);
console.log(palindromes);
```

2) Rest Countries api task using array methods:

3) OOPS TASKS

Class 0: Write a calculator

```
class calc
{
    constructor(n1, n2){
        this.n1 = n1;
        this.n2 = n2;
}
add() { return (this.n1 + this.n2); }
sub() { return (this.n1 - this.n2); }
mul() { return (this.n1 * this.n2); }
}
```

Class 1: Movie Basics

```
class Movie {
constructor(title, studio, rating){
this.title = title;
this.studio = studio;
this.rat = typeof rating.rat !== 'undefined' ? options.rat : 'PG';
getPG(arr) { var new = arr.filter(x => (x.this.rating = 'PG') ) }
}
var fun = Movie('Casino Royale', 'Eon Productions', 'PG13');
Class 2: Circle class diagram
class circle{
constructor(radius, color){
this.rad =typeof radius.rad !== 'undefined' ? options.rad : 1.0;
this.col = typeof color.col !== 'undefined' ? options.col : 'red';
get Radius() {
return this.rad;
getColor() {
return this.col;
getArea(){
return (3.14 * this.rad * this.rad);
}
```