1. **print all the country names in the console.Write**

```
var data = JSON.parse(this.response);
    for(i in data)
    {
        console.log(data[i].name)
    }
```

2. **A write up on Difference between copy by value and copy by reference.**
   When you copy an object b = a both variables will point to the same address. This behavior is called copy by reference value. Strictly speaking in Ruby and JavaScript everything is copied by value. When it comes to objects though, the values happen to be the memory addresses of those objects.

3. **How to copy by value a composite data type (array+objects).**
   In Copy by value the data which variable hold is passed to another variable . Both the variables refers two different memory locations.

4. **Try the rest countries api. Extract and print the total population of all the countries in the console.**

```
var data = JSON.parse(this.response);
let sum = 0;
console.log(data.length);
for(let i in data)
{
    var a = data[i].population;
    sum = sum + a;
}
console.log(sum);
```