

Solve problems using array functions using rest countries data

1. Get all the countries in asia region using filter function.
2. Get all the countries with population less than 2 lakhs using filter function.
3. Print the country which uses USD as currency.
4. Print the sum of total population of the countries using reduce function.

Solution:

```
var request=new XMLHttpRequest();
request.open('GET','https://restcountries.eu/rest/v2/all',true);
request.send();
request.onload=function(){
    var data=JSON.parse(this.response);

    //1.Getting all countries from asia
    let casia=data.filter((ele)=>ele.region==="Asia");
    console.log(casia);

    // 2. Getting all countries with population less tha 2 lakhs
    let cpop=data.filter((ele)=>ele.population<200000);
    console.log(cpop);

    // 3. Print countries which uses USD
    let usd=data.filter((cntry)=>{
        for(var i in cntry.currencies){
```

```
    if(cntry.currencies[i].code==="USD"){  
        return true;  
    }  
}  
});  
console.log(usd);
```

```
// 4. Print the sum of total population of all countries  
let total=data.reduce((sum,crnt)=>sum+crnt.population,0);  
console.log(total);  
}
```