Maps in react js

→ if you want to iterate an array or an array of objects which is coming from API then you can use maps to iterate the array.

⟹ Syntax :

```
array.map(function(value,index,arr),thisvalue)
```

→ here
`array` means the array which you want to traverse
`value` means the element of an array
`index` means index of current element
`arr` means the array which you are traversing currently

→ we will se later about `thisvalue`

⟹ Example :

→ we have the array `arr = ['shivam','op',1,7]` and we have to iterate it using map

code will be :

```
const a = arr.map(function(value){
    return value;
});
console.log(a);
```

→ and you will get all elements from an array.

→ if you want to iterate an array of objects then you can do same using map

⟹ Example :

```
const arr = [
  {id:1,fname:"shivam",age:19},
  {id:2,fname:"krunal",age:21},
  {id:3,fname:"furqan",age:20},
  {id:4,fname:"parth",age:18}
];

let it2 = arr2.map((value)=>{
  return `My name is ${value.fname} and my age is ${value.age}`;
});

console.log(it2);
```

→ and you will see all the objects in output

NOTE : if you are getting an `warning` like this :

❌ ▶Warning: Each child in a list should have a   index.js:1
    unique "key" prop.

then you need to make one attribute called `key` in your component

→ Example :

```
function ncard(val){
  return (
    <Card key={val.id} image={val.image} sname={val.sname} info={val.info} plink={val.plink}/>
  )
}
```