

1.

```
var char = {  
  brand : "toyota",  
  model : "Corolla",  
  year : "2020"  
};  
for (i in char){  
  console.log(`${i}:${char[i].toUpperCase()}`)  
}
```

Output

brand:TOYOTA
model:COROLLA
year:2020

2..

```
var numbers =[1,2,3,4,5];  
  
for(i in numbers){  
  console.log(`${numbers[i]}-HI`)  
}
```

Output:

1-HI
2-HI
3-HI
4-HI
5-HI

3.

```
var fruits = ["Apple","Banana","Cherry","Date"]  
for(i in fruits){  
  console.log(`${i}-${fruits[i].toUpperCase()}`)  
}
```

Output:

0-APPLE
1-BANANA
2-CHERRY
3-DATE

4.

```
var obj = {
  name : "jhon",
  age : 30,
  address: {
    city: "los angles",
    state: "CA"
  }
}
obj.address.city = "san francisco"
console.log(obj)
```

output:

```
{
  name: 'jhon',
  age: 30,
  address: { city: 'san francisco', state: 'CA' }
}
```

5.

```
var car = {
  brand : "Toyota",
  model : "Carmy",
  year : 2024
}
car.year = 2022
console.log(car)
```

Output:

```
{ brand: 'Toyota', model: 'Carmy', year: 2022 }
```

6.

```
var recipe = {
  name : "pastha",
  servings : 2,
  ingredients: ["noodels", "sause"]
}
recipe.ingredients.push("cheese")
console.log(recipe)
```

Output

```
{
  name: 'pastha',
  servings: 2,
  ingredients: [ 'noodels', 'sause', 'cheese' ]
}
```