```javascript
//solve using for in loop
var car = { brand: "Toyota", model: "corolla",year:2020};

for (i in car) {
  var x= "" + car[i]; // as it is a number we've to convert it into
string ,we used ""
  console.log(`${i} :`,x.toUpperCase());
};


2
var numbers = [1,2,3,4,5];



for (i in numbers){

    console.log(`${numbers[i]}-HI`)
}

3

var fruits = ['apple','banana','cherry','date'];

for(i in fruits){

    console.log(i+"-" + fruits[i])
}
```

```javascript
4
//update city property here

var obj ={
    name: 'john',
    age:30,
    address:{
        city:'Los angeles',
        state:'CA'
    }
};

obj.city = 'san fransisco'

    console.log(obj)



5    // update  model & year here
var car = {
    brand : 'toyota',
    model :'camry',
    year : 2020
}
car.model = 'corolla'

console.log(car)
```

```
6 // add an ingredient here

var recipe = {

    name: 'pasta',
    serving:2,
    ingredients:['noodles','sauce']
};

recipe.ingredients[2] = "cheese";

console.log(recipe);
```

```
I/P:
---
1.SOLVE  USING FOR-IN LOOP
var car =
{
    brand: 'Toyota',
    model: 'Corolla',
    year: 2020
};

o/p:
brand: TOYOTA
model: COROLLA
year: 2020

2.var numbers = [1, 2, 3, 4, 5];

O/P:
1-HI
2-HI
3-HI
4-HI
5-HI

3.var fruits = ['Apple', 'Banana', 'Cherry', 'Date'];

O/P:
0-APPLE
1-BANANA
2-CHERRY
3-DATE

4.var obj = {
    name: 'John',
    age: 30,
    address: {
        city: 'Los Angeles',
        state: 'CA'
    }
};

// Update the city property here

o/p:{ name: 'John', age: 30, address: { city: 'San Francisco', state: 'CA' } }

5.var car = {
    brand: 'Toyota',
    model: 'Camry',
    year: 2020
};

// Update model and year here

O/P: { brand: 'Toyota', model: 'Corolla', year: 2022 }

6.var recipe = {
    name: 'Pasta',
    servings: 2,
    ingredients: ['noodles', 'sauce']
};

// Add an ingredient here

O/P:{ name: 'Pasta', servings: 2, ingredients: ['noodles', 'sauce', 'cheese']
}
```