

1. Solve using for-in loop

```
Var car =  
{  
    Brand: 'Toyota'  
    Model: 'Corolla'  
    Year:2020  
};
```

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

```
A) For(J in car){  
    Console.log(`${J}: ${car[j].toUpperCase()}`)  
}
```

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

o/p:
1-HI
2-HI
3-HI
4-HI
5-HI

```
A)for(j in numbers)  
    console.log(`${numbers[j]}-HI`);
```

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

o/p:
0-APPLE
1-BANANA
2-CHERRY
3-DATE

```
A) for(i in fruits)  
    console.log(`${i}-${fruits[i].toUpperCase()}`)
```

4. var obj = {

```
    name: 'john',  
    age:23,  
    address:{  
        city:'Los Angeles',  
        state:'CA'  
    }  
};
```

o/p:{name:'john', age:23, address: {city:'hyderabad', state:'telangana'}}

A) `obj.address.city = "hyderabad";`
`console.log(obj);`

5. `var recipe = {`
 `name: 'giri',`
 `servings: 2,`
 `ingredients: ['noodles', 'source']`
`};`

o/p: `{ name: 'giri', servings: 2, ingredients: ['noodles', 'source', 'cheese']}`

A) `recipe.ingredients.push('cheese');`
`console.log(recipe)`