

Task

Question 1

```
console.log("Question 1");
console.log("i/p: var car={brand:'Toyota',model:'corolla',year:2020} ");
console.log("o/p: brand:Toyota //Expected")
console.log("model:corolla ")
console.log("year:2020")
//Answer
console.log("-----Answer-----")
var car ={ brand: 'Toyota', model: 'Corolla',year: '2020'};
var carr = Object.keys(car);

for (let i in car){
  console.log(`${i}:${car[i]}`) ;
}
```

Output:

```
i/p: var car={brand:'Toyota',model:'corolla',year:2020}
o/p: brand:Toyota //Expected
model:corolla
year:2020
-----Answer-----
brand:Toyota
model:Corolla
year:2020
```

Question 2

```
console.log("Question 2");
console.log("i/p: var num=[1,2,3,4,5];");
console.log("o/p: 1-HI ");
console.log("2-HI ");
console.log("3-HI ");
console.log("4-HI ");
console.log("5-HI ");

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

Output :

```
Question 2
i/p: var num=[1,2,3,4,5];
o/p: 1-HI
2-HI
3-HI
4-HI
5-HI
-----Answer-----
1-HI
2-HI
3-HI
4-HI
5-HI
```

Question 3

```
console.log("Question 3");
console.log('i/p: var fruits=["apple","banana","cherry","date"]');
console.log("o/p:");
console.log("0-apple");
console.log("1-banana");
console.log("2-cherry");
console.log("3-date");
|
console.log("-----Answer-----")
var fruits=["apple","banana","cherry","date"] ;
for(ks in fruits){
    console.log(`${ks}-${fruits[ks]}`) ;
}
```

Output :

```
Question 3
i/p: var fruits=["apple","banana","cherry","date"]
o/p:
0-apple
1-banana
2-cherry
3-date
-----Answer-----
0-apple
1-banana
2-cherry
3-date
```

Question 4

```
var obj = {  
  name: 'John',  
  age: 36,  
  address: {  
    city: 'Los Angeles', state: 'CA'  
  } };  
  
obj.address.city = "San Francisco";  
console.log(obj);
```

Output :

```
{  
  name: 'John',  
  age: 36,  
  address: { city: 'San Francisco', state: 'CA' }  
}
```

Question 5

```
var car1 = {brand: 'Toyota',model: 'Camry',year: 2020};  
car1.model = "Corolla";  
car1.year = 2022 ;  
console.log(car1);
```

Output :

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

Question 6

```
var recipe = {name: 'Pasta',servings: 2,ingredients: ['noodles', 'sauce']};  
recipe.ingredients.push('cheese');  
console.log(recipe);
```

Output :

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