**The “For” loop:**

The For Loop comes first because of its simplicity and ease of use. It is a very user-friendly kind of loop that runs with a method of using a counter.

The value is first set with an appropriate condition, which is also called ‘initializing a loop’. Next, the terminal or final value is specified. The For Loop makes things really easy when you need to run a set of codes multiple times.

The For Loop is further divided into:

**1.Using an array:**

The following piece of code is a perfect example of how to use a for loop through an array.

Var numbers=[10,20,30,40];{

For(i=0;i<numbers.length;i++){

Console.log(numbers[i]);

}}

**2. Making a loop through DOM elements**

The For loop can also be used to alter colors. Consider a situation where you want to choose a particular color for all the anchors of your page. In order to do so, use the following piece of code.

### **The ‘’For In’’ Loop**

Another way of looping is the For In Loop. Unlike the For Loop, this loop won’t be using a counter. So this makes the whole process even more simple and hassle-free. In fact, the For In Loop is essentially a simplified version of the For Loop.

The following are different ways of looping using the For In technique.

#### ****1. Looping through an Object Property****

Here’s an example; you’ve got an object containing some properties and need to look up each property and the value that it carries.

Var person={

First name:”David”,

Last name:”jones”

};

For(var x In person){

Console.log(x+”:”+person [x])

}

2.Write your own resume in JSON format

## {

## "basics": {

## "name": "John Doe",

## "label": "Programmer",

## "email": "john@gmail.com",

## "phone": "(912) 555-4321",

## "url": "https://johndoe.com",

## "summary": "A summary of John Doe…",

## "location": {

## "address": "2712 Broadway St",

## "postalCode": "600001"

## "countryCode": "India",

## "region": "Tamil nadu"

## },