**For the given JSON iterate over all loops (for ,for in ,for of, for each)**

Loops are handy, if you want to run the same code over and over again, each time with a different value

Text += cars[0] +”<br>”;

Text+=cars[1] +”<br>”;

Text+=cars[2] +”<br>”;

Text+=cars[3] +”<br>”;

Text+=cars[4] +”<br>”;

For (let i=0; i< cars.length; i++)

{

Text += cars [i]+”<br>”;

}

**For loop**

For (statement 1; statement 2; statement 3)

statement 1 is executed (one time) before the execution of the code block

statement 2 defines the condition for executing the code block

statement 3 is executed (every time ) after the code block has been executed

for (let i=0; i< cars.length; i++)

{

Text += cars[i]+”<br>”;

}

**For in loop**

For (key in object)

Const person = {fname : “john”, lname: “doe”,age:25};

Let text=-“ ”;

For (let x in person )

{

Text+=person[x];

}

Here,

The for in loop iterates over a person object

Each iteration returns a key (x)

The key value is used to access the value of the key

The value of the key is person[x]

**For of loop**

For (variable of iterable)

It lets you loop over iterable data structure such as Array, String, Nodelist, and more

Variable – for every iteration the value of the next property is assigned to the variable. Variable can be declared with const,let,or var

Iterable – an object that has iterable properties

Const cars =[“BMW ”, “VOLVO”,” MINI”];

Let text =” ” ;

For (let x of cars)

{

Text +=x;

}