**JAVASCRIPT OBJECTS AND ITS REPRESENTATION:**

Javascript objects are also called as variables. It is a collection of values like an array.

**Representation:**

It has been represented as Key-Value pairs.

**Syntax:**

const objectname = {

name1: value

name2:value

.

.

. };

**Example:**

const student = {

Name: “Renu”,

Father’s name:”Mani”,

RollNo: 2345678,

Degree: BE,

Dept:CSE,

CollegeName:SVCET };

Console.log(student);

**CREATION OF JAVASCRIPT OBJECT:**

Javascript object can be created by using an Object Literal or by using a js keyword new i.e as new Object().

**Example:**

const student = new object ();

student.Name: “Renu”;

student.Father’s name:”Mani”;

student.RollNo: 2345678;

student.Degree: BE;

student.Dept:CSE;

student.CollegeName:SVCET;

**Retrieval and Modification of Value in Objects:**

A particular single value can be retrieved and also been modified in the object. Thus,Javascript objects are mutable.

**Retrieving single or particular value from the object using Key:**

Example:

const student = {

Name: “Renu”,

Father’s name:”Mani”,

RollNo: 2345678,

Degree: BE,

Dept:CSE,

CollegeName:SVCET };

Console.log(student.RollNo);

**JS Objects are Mutable:**

It means Values can be changed.

**Example:**

const student = {

Name: “Renu”,

Father’s name:”Mani”,

RollNo: 2345678,

Degree:” BE”,

Dept:”CSE”,

CollegeName:”SVCET” };

const x = student;

x.Dept = “ECE”;