

Java Script

Objects and its internal representation in Javascript

The Brief

In simple, Objects in JavaScript are unordered collection of primitive datatypes, Reference datatypes and its related data's which are stored in between two parenthesis {} in the form of "key:value"pairs where key is a string (Property name) and value can be anything which includes string, numbers,boolean,etc...,

"Since JavaScript objects are dynamic we can add or change any properties without declaring a variable. We will start with a name ,a colon and our value."

Illustration

```
Const Student
{
  Name : " Shanthini",
  Age : 20,
  Department : "Biotech",
  Marks : [ 80,82,90,76,88],
  Percentage : 85
}
```

Here Name, Age, Department, Marks, Percentage are keys and where the values are Shanthini,20,Biotech,[80,82,90,76,88],85.

Special key in JavaScript

And in JavaScript we cannot use two separate words as key for instance you have add Last name to the object which is a two word we have to enclose it inside a single or double quote. This how we have to use special keys in JavaScript.

```
Const Student{
  Name : " Shanthini",
  'Last Name' : "Murugan",
  Age : 20,
  Department : "Biotech",
  Marks : [ 80,82,90,76,88],
  Percentage : 85
}
```

Delete

We can delete any of the key at any time since its a dynamic language that will not result in any kind of errors.

Output

We can get output by adding,

```
console.log(Student);
```

To get entire keys and values of an Object, if we want to get result for only desired key then we have to enter like,

```
console.log(Student. Name);
```