EXAMPLE 15: CREATE AN OBJECT THE "JSON" WAY

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"JSON" = JavaScript Object Notation

JSON IS SIMPLY A HANDY WAY TO SPECIFY HOW OBJECTS LOOK USING ONLY TEXT- THINK OF IT AS A COMPETITOR TO XML, OR EVEN HTML :-)
TECHNICALLY ITS A DATA-INTERCHANGE FORMAT

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JSON IS

A COMPETITOR

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"JSON" = JavaScript Object Notation

JSON IS A

DATA-INTERCHANGE FORMAT

EXAMPLE 15: CREATE AN OBJECT THE "JSON" WAY

"JSON" = JavaScript Object Notation

```
<script>


var rectangle = {
  length : 5.0,
  breadth : 3.5,
  color : 'Red'
};

function objectStuff() {
  console.log("our rectangle has length = " + rectangle.length);
  console.log("our rectangle has breadth = " + rectangle.breadth);
  console.log("our rectangle has area = " + rectangle.color);

}
```

JSON IS SIMPLY A HANDY WAY TO SPECIFY HOW OBJECTS LOOK USING ONLY TEXT- THINK OF IT AS A COMPETITOR TO XML, OR EVEN HTML :-) TECHNICALLY ITS A DATA-INTERCHANGE FORMAT

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```

EXAMPLE 19: CREATE AN OBJECT THE "JSON" WAY

"JSON" = JavaScript Object Notation

DECLARE THE OBJECT, LIKE YOU WOULD ANY OTHER VARIABLE

```
var rectangle = {
    length : 5.0,
    breadth : 3.5,
    color : "Red"
};
```

```
function objectStuff() {
    console.log("our
```

EXAMPLE 19: CREATE AN OBJECT THE "JSON" WAY

"JSON" = JavaScript Object Notation

THE NAME OF THE OBJECT

```
var rectangle

};

function objectStuff() {
  console.log("our
```

EXAMPLE 15: CREATE AN OBJECT THE "JSON" WAY

"JSON" = JavaScript Object Notation

```
var rectangle = {
    length: 5.0,
    breadth : 3.5,
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};
```

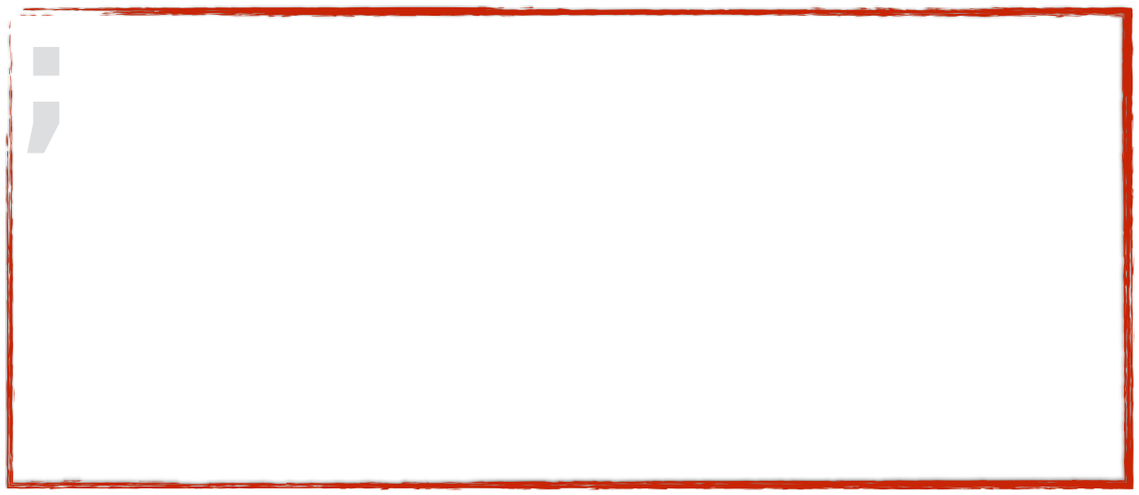
DEFINE THE OBJECT BETWEEN
A PAIR OF CURLY BRACES

```
function objectStuff() {
  console.log("our
```

EXAMPLE 15: CREATE AN OBJECT THE "JSON" WAY

"JSON" = JavaScript Object Notation

```
length: 5.0,
breadth : 3.5,
color : 'Red'
```



THE PROPERTIES FOLLOW

EXAMPLE 15: CREATE AN OBJECT THE "JSON" WAY

"JSON" = JavaScript Object Notation

```
length: 5.0,
breadth : 3.5,
color : 'Red'
};
```

EACH PROPERTY IS A KEY-VALUE PAIR

```
function objectStuff() {
  console.log("our
```

EXAMPLE 15: CREATE AN OBJECT THE "JSON" WAY

"JSON" = JavaScript Object Notation

```
length: 5.0,
breadth : 3.5,
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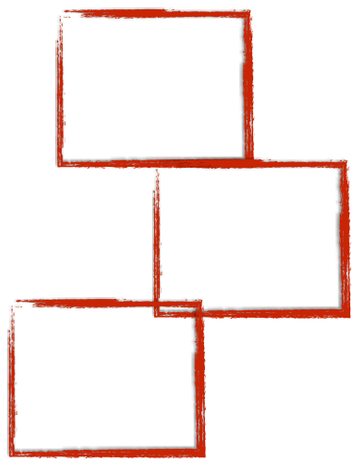

THE KEY AND VALUE ARE SEPARATED BY A COLON

```
function objectStuff() {
  console.log("our
```

EXAMPLE 15: CREATE AN OBJECT THE "JSON" WAY

"JSON" = JavaScript Object Notation

```
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breadth : 3.5,
color : 'Red'
};
```

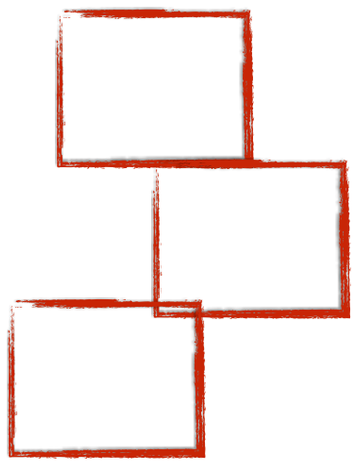

ALL PROPERTIES EXCEPT THE LAST ARE FOLLOWED BY A COMMA

EXAMPLE 15: CREATE AN OBJECT THE "JSON" WAY

"JSON" = JavaScript Object Notation

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  length : 5.0,
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};
```

TO THE OUTSIDE WORLD, AN OBJECT IS SIMPLY A VARIABLE (GLOBAL, IN THIS CASE)

```
function objectStuff() {
  console.log("our rectangle has length = " +
rectangle.length);
  console.log("our rectangle has breadth = " +
rectangle.breadth);
  console.log("our rectangle has area = " +
rectangle.color);

}
```

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  rectangle.color);

}
```

```
our rectangle has length = 5
our rectangle has breadth = 3.5
our rectangle has area = Red
```

THE PROPERTIES CAN BE ACCESSED VIA A DOT...