

The head section of an HTML file defines the external and internal stylesheets.

```
<head>
  <title>cssRules</title>
  <meta charset="utf-8" />
  <link rel="shortcut icon" href="../images/hcj.png" />
  <link type="text/css" rel="stylesheet" href="demoStyle.css" />
  <link type="text/css" rel="stylesheet" href="spacing.css" />
  <style> ... </style>
</head>
```

In this example the JavaScript command
styleSheets = document.styleSheets
returns an array of length three where

styleSheets[0] is in the external file *demoStyle.css*

styleSheets[1] is the external file *spacing.css*

styleSheets[2] is the internal stylesheet defined within the *STYLE* tag

A stylesheet consists of an array of rules. The following command gives the rules in the j'th stylesheet

```
rules = stylesheets[ j ].cssRules
```

```
.titleLine {
    text-align: center;
    color: red;
    font-size: 2em; }
rules[0]

.text {
    text-align: center;
    color: green;
    font-size: 1.5em; }
rules[1]

.noName {
    text-align: center;
    color: red;
    font-size: 1.5em; }
rules[2]

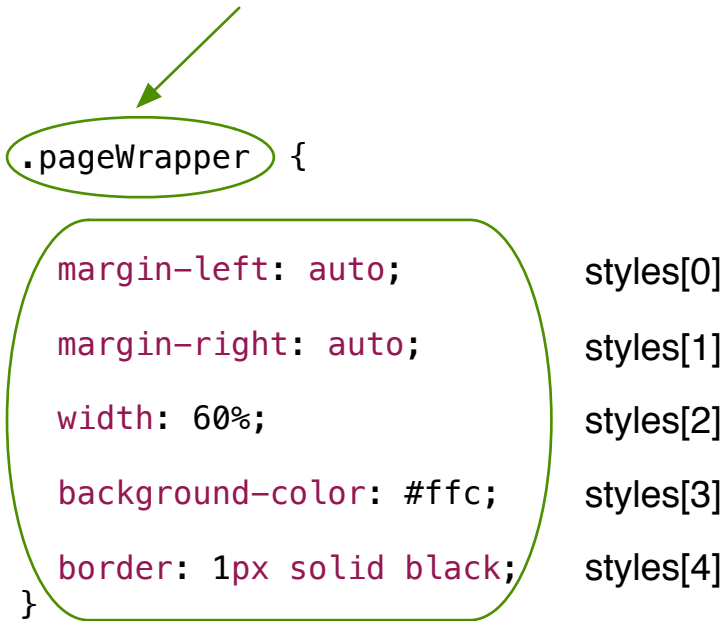
.pageWrapper {
    margin-left: auto;
    margin-right: auto;
    width: 60%;
    background-color: #ffc;
    border: 1px solid black;}
rules[3]

.inputTextFields {
    font-size: 1.3em;
    text-align: center; }
rules[4]
```

A rule consists of a selector and a list of property-value pairs.

The following command gives the selector for rule 3 in the previous stylesheet.

```
selector = rules[3]
```



A green arrow points from the `styles` property in the CSS rule block to the code `styles = selector.style;`. The word `styles` is enclosed in a green oval.

```
styles = selector.style;
```

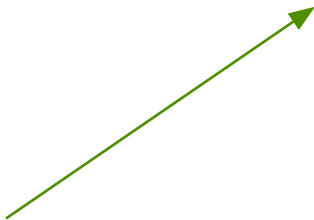
The above command gives the array of property-value pairs for the selector for rule 3 in the previous stylesheet.

A style consists of a property-value pair. From the previous example get the property for the last pair with the following command.

`propertyName` = styles[4]



`border` : `1px solid black` ;



`propertyValue` = styles.getPropertyValue(propertyName);

From the previous example get the value of the last pair with the above command.