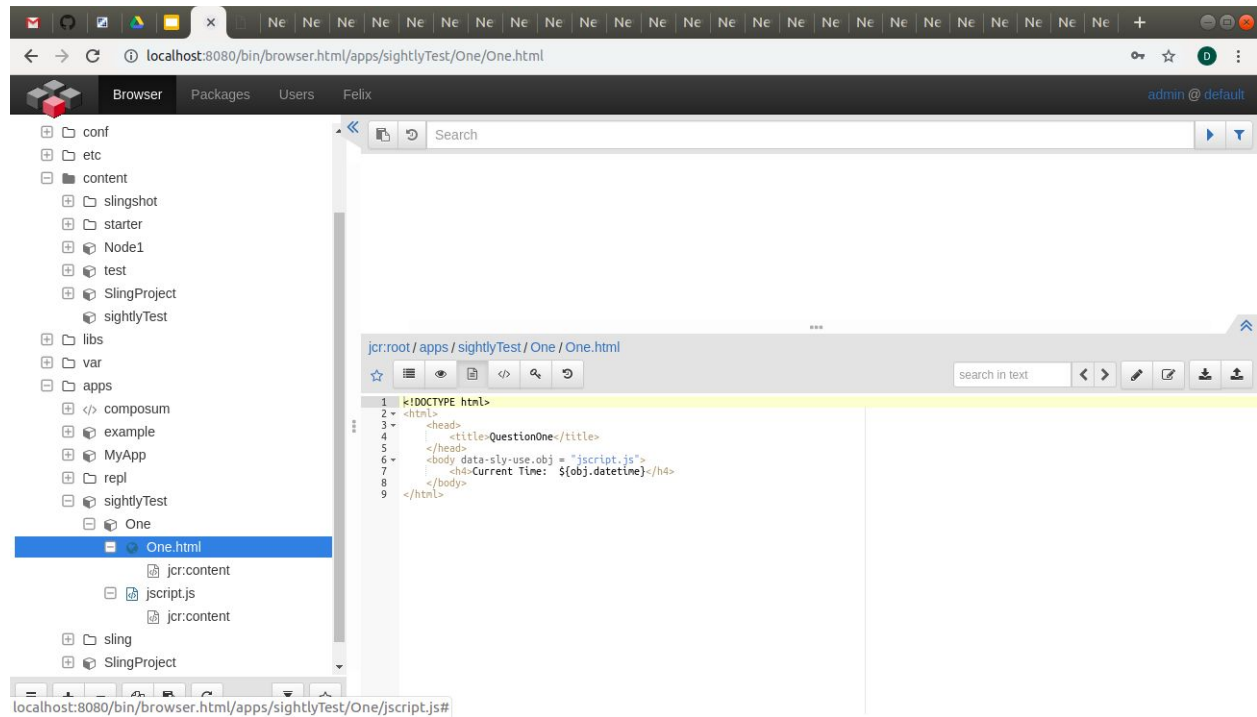


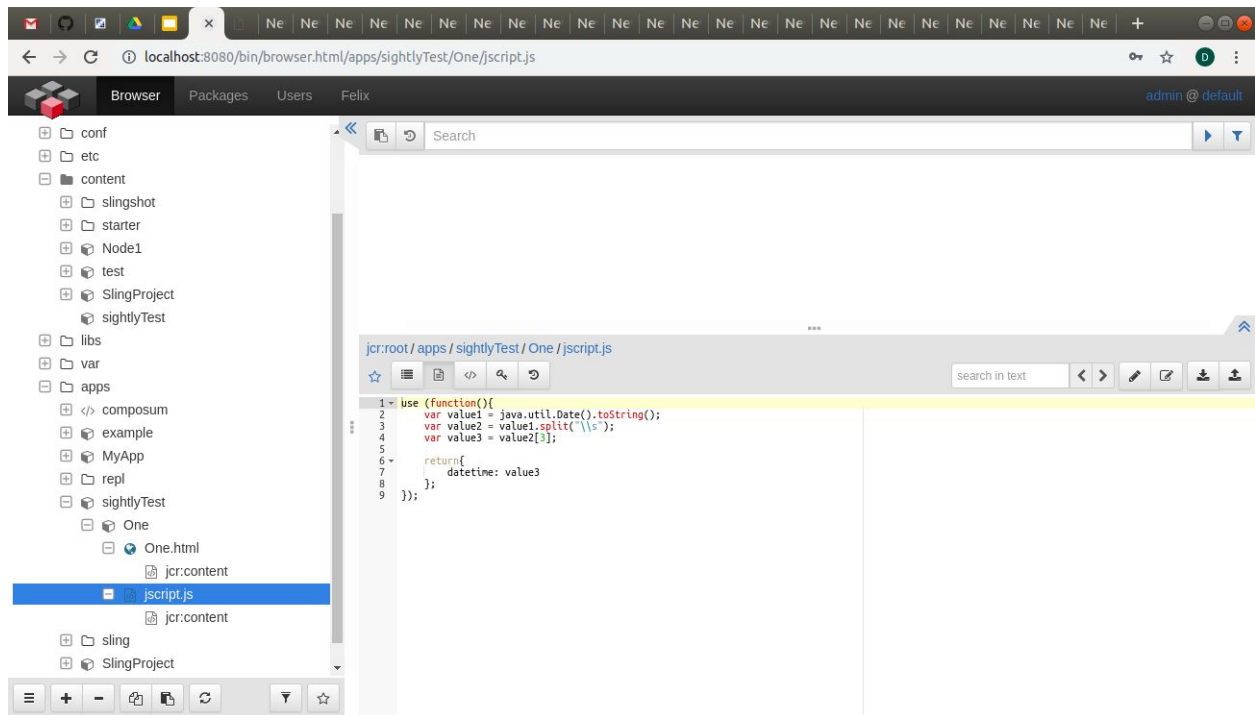
SIGHTLY ASSIGNMENT

1.) Print current time.

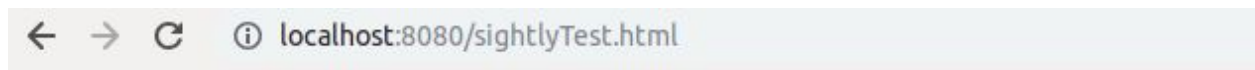
CODE (.html file)



Js File



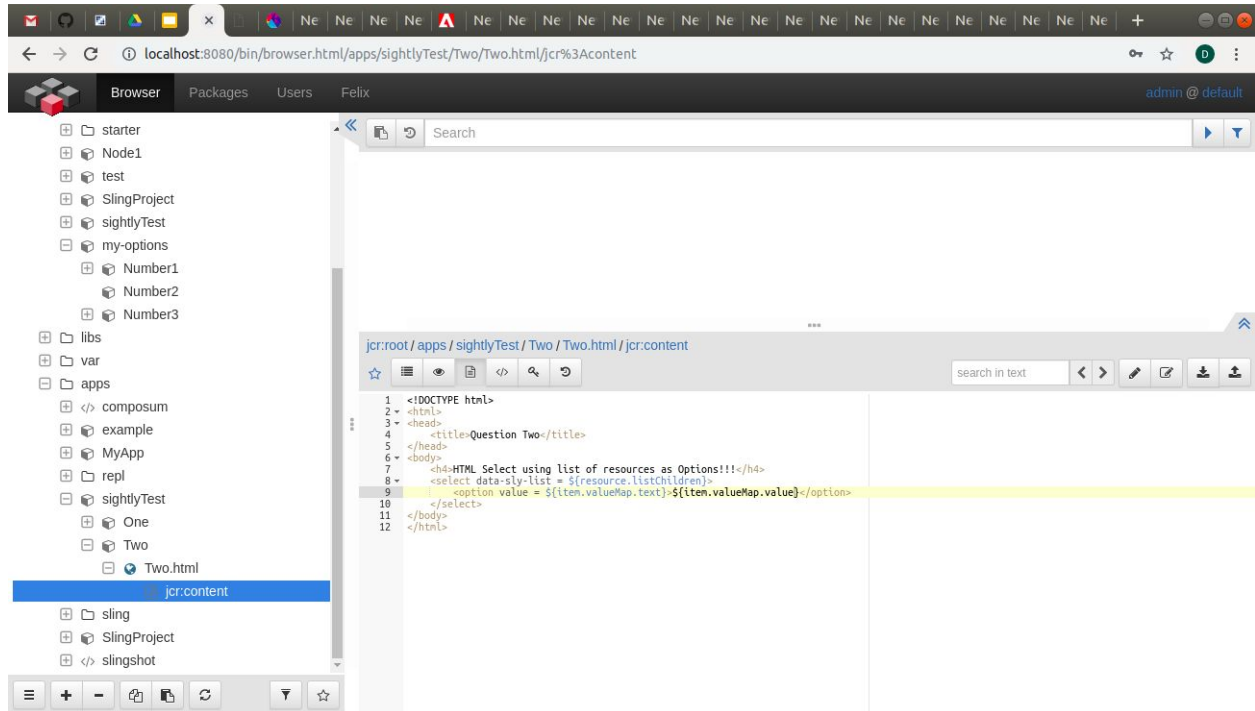
OUTPUT



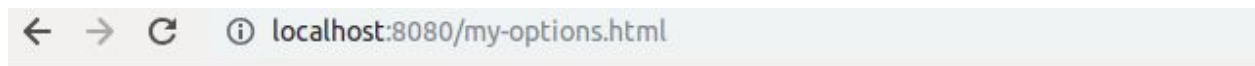
Current Time: 02:57:59

2.) Create a list of resources under /content/my-options and add two properties "text" and "value" on each resource. Create a dropdown (HTML select) using the resources list as options.

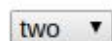
CODE (.html File)



OUTPUT

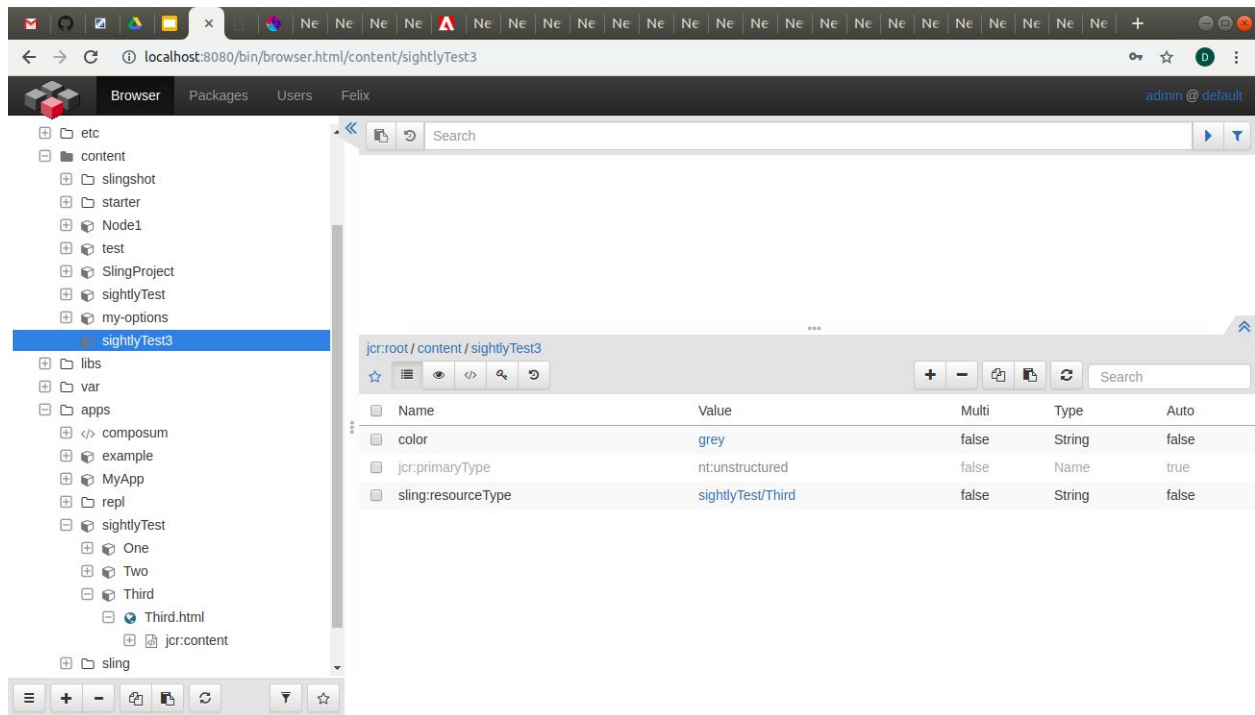


HTML Select using list of resources as Options!!!



3.) Read the color property from the current node and set it as the background of the page.

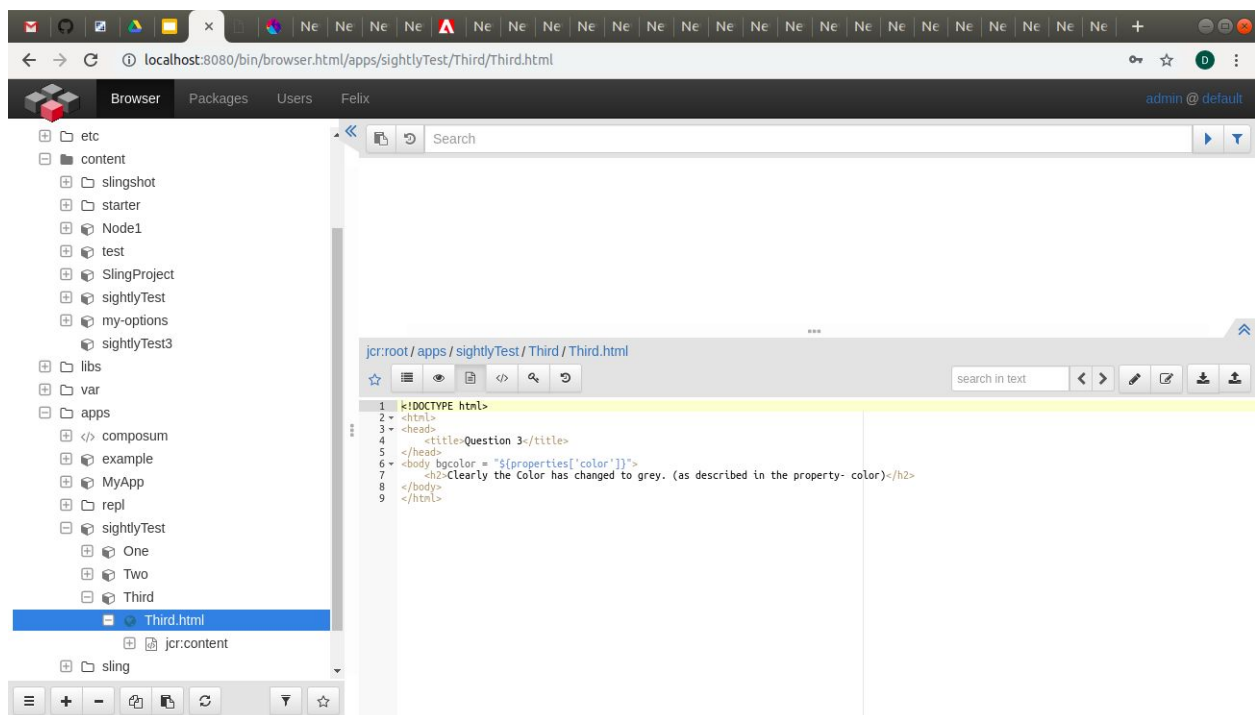
Adding Property at Node



The screenshot shows the Apache Sling Browser interface. On the left, the content tree is expanded to 'sightlyTest3'. The main pane displays the properties of the selected node. The properties table is as follows:

Name	Value	Multi	Type	Auto
color	grey	false	String	false
jcr:primaryType	nt:unstructured	false	Name	true
sling:resourceType	sightlyTest/Third	false	String	false

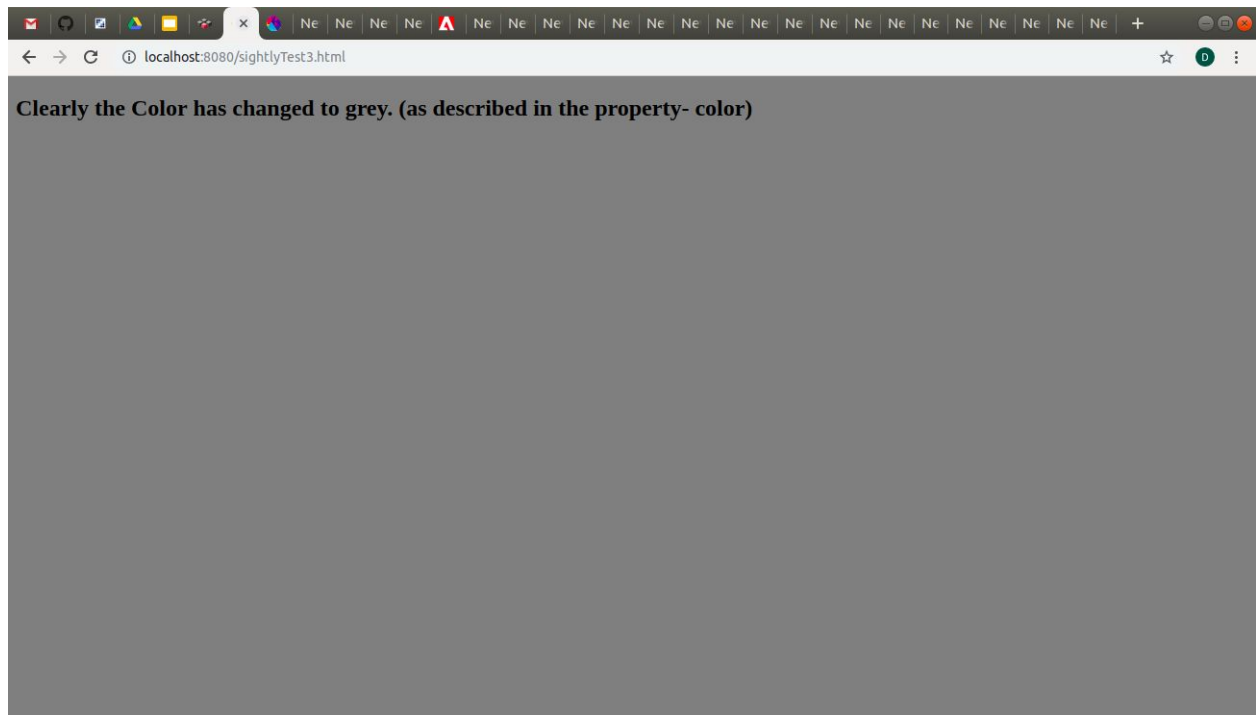
CODE (.html File)



The screenshot shows the Apache Sling Browser interface with the 'Third.html' file selected. The code editor displays the following HTML code:

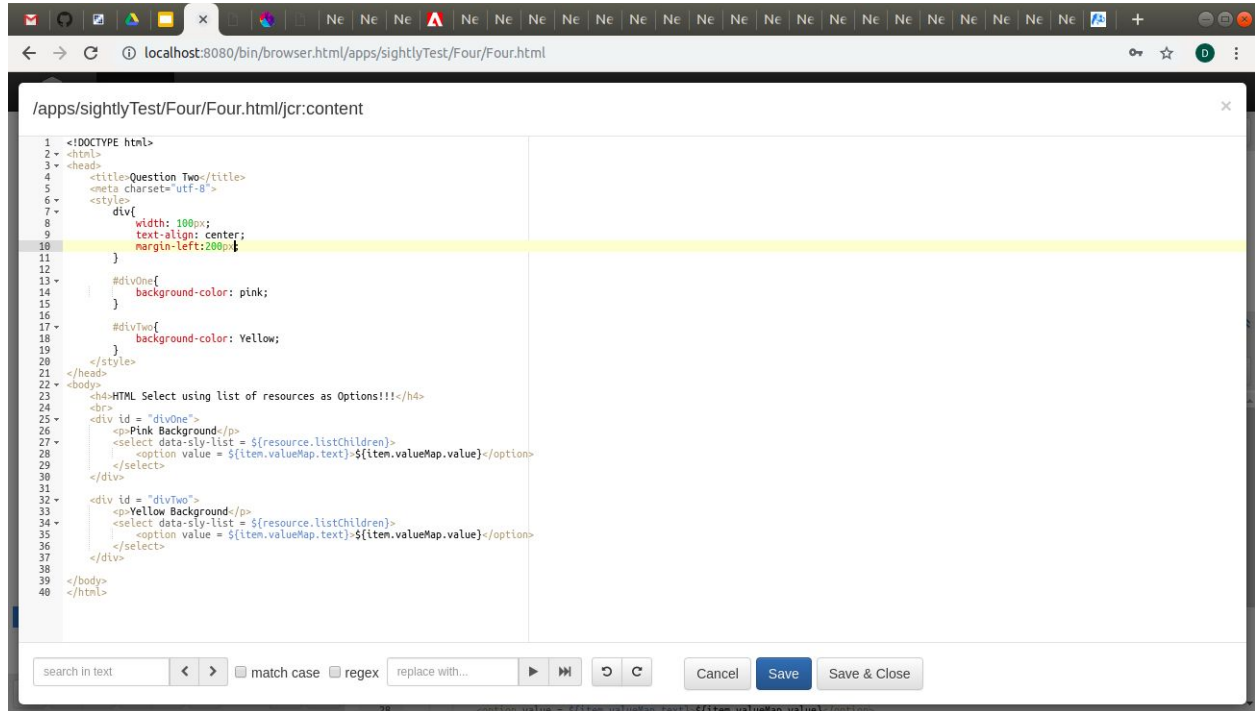
```
1 <!DOCTYPE html>
2 <html>
3 <head>
4 <title>Question 3</title>
5 </head>
6 <body bgcolor = "${properties['color']}">
7 <h2>Clearly the Color has changed to grey. (as described in the property- color)</h2>
8 </body>
9 </html>
```

OUTPUT



4.) Add the dropdown created in Q-2 under two different containers (div tag) with different background colors.

CODE (.html File)



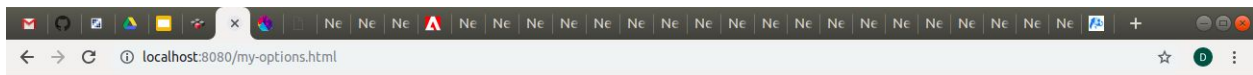
```
1 <!DOCTYPE html>
2 <html>
3 <head>
4 <title>Question Two</title>
5 <meta charset="utf-8">
6 <style>
7   div{
8     width: 100px;
9     text-align: center;
10    margin-left: 200px;
11  }
12
13  #divOne{
14    background-color: pink;
15  }
16
17  #divTwo{
18    background-color: Yellow;
19  }
20 </style>
21 </head>
22 <body>
23 <h4>HTML Select using list of resources as Options!!!</h4>
24 <br>
25 <div id = "divOne">
26   <p>Pink Background</p>
27   <select data-sly-list = ${resource.listChildren}>
28     <option value = ${item.valueMap.text}${item.valueMap.value}></option>
29   </select>
30 </div>
31
32 <div id = "divTwo">
33   <p>Yellow Background</p>
34   <select data-sly-list = ${resource.listChildren}>
35     <option value = ${item.valueMap.text}${item.valueMap.value}></option>
36   </select>
37 </div>
38
39 </body>
40 </html>
```

Adding ResourceType

The screenshot shows the Apache Felix console interface. On the left, a tree view displays the project structure, with 'my-options' selected under the 'test' package. The main panel shows the configuration for 'jcr:root / content / my-options'. A table lists the configured properties:

Name	Value	Multi	Type	Auto
jcr:primaryType	nt:unstructured	false	Name	true
sling:resourceType	sightlyTest/Four	false	String	false

OUTPUT



HTML Select using list of resources as Options!!!

Pink Background

Yellow Background