

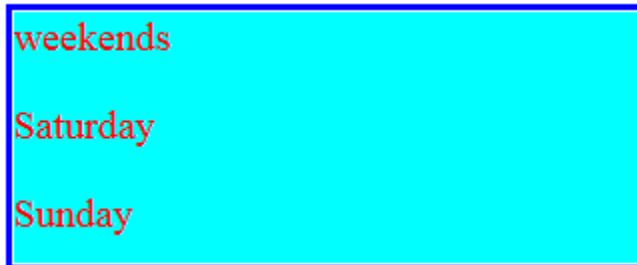
## A Practice Exercise

Study the following HTML document, **sampleOne.html**

```
<!DOCTYPE html>
<html>
  <head>
    <title> This is sampleOne.html </title>
  </head>
  <body>
    <h1>This is an example on DOM</h1>
    <div id="weekday"> weekdays
      <p>Monday
      <p>Tuesday
      <p>Wednesday
      <p>Thursday
      <p>Friday
    </div>
    <div id="weekend"> weekends
      <p>Saturday
      <p>Sunday
    </div>
    <div id="summer"> summer
      <span> June</span>
      <span> July</span>
      <span> August</span>
    </div>
    <p>Thank you<p>
    <p>Have a nice day<p>
  </body>
</html>
```

### Answer the following questions:

Write the JavaScript code required to make a rectangle. Make the weekends appear within a rectangle width=250 and height=200, make border solid blue, font size 20px, text color red, and background of the rectangle cyan, like this:



Consider the following JavaScript code:

```
var divNodes = document.getElementsByTagName("div");
var temp = divNodes[0].getElementsByTagName("p");
var oneNode = document.querySelector("#summer span");
var tempNodes = document.querySelectorAll("#weekday p, #summer span");
```

**Answer the following:**

1. How many nodes does the variable **divNodes** referring to? (3)
  2. What is the value of **divNodes[1].firstChild.nodeValue** (weekends)
  3. What is the value of **divNodes[1].innerHTML**
  4. How many elements is the variable **temp** referring to?
  5. What is the value of **temp[2].firstChild.nodeValue**
  6. What is the value of **temp[2].innerHTML**
  7. What is the value of **temp[3].childNodes.length**
  8. What is the value of **divNodes[0].childNodes.length**
  9. What is the value of **divNodes[0].lastChild.firstChild.nodeValue**
  10. Which word in the original HTML document will be changed to Hello when you do this:  
`divNodes[2].firstChild.nodeValue = "Hello";`
  11. What is the value of **oneNode.firstChild**
  12. What is the value of **oneNode.lastChild**
  13. How many nodes is **tempNodes** referring to?
  14. What is the value of **document.write(tempNodes[5].firstChild.nodeValue);**
  15. What should be the value for ? in **tempNodes[?].firstChild.nodeValue**  
  
so that the result is **Thursday**?
  16. What is the values of **tempNodes[4].innerHTML**
-