

Question 1 – Coffee shop web site

Jake's Cofee Shop

[Home](#) [Menu](#) [Music](#) [Jobs](#)

Come in and experience...



- Specialty Coffee and Tea
- Freshly made sandwiches
- Bagels, Muffins, and Organic Snacks
- Music and Poetry Readings
- Open mic nights
- ...

23 Pine Road
Nottingham, NG1 5YU
0115 9324567

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jake@jcoffee.com

You are given the html code which creates the home page for Jake's Coffee Shop website

```
<body>
  <h1> Jake's Cofee Shop </h1>
  <a href="Exercise2.html">Home</a>
  <a href="menu.html">Menu</a>
  <a href="music.html">Music</a>
  <a href="jobs.html">Jobs</a>
  <p>Come in and experience...</p>
  
  <ul>
    <li>Specialty Coffee and Tea</li>
    <li>Freshly made sandwiches</li>
    <li>Bagels, Muffins, and Organic Snacks</li>
    <li>Music and Poetry Readings</li>
    <li>Open mic nights</li>
    <li> ... </li>
  </ul>
  <p>23 Pine Road<br> Nottingham, NG1 5YU <br> 0115 9324567</p>
  <p> Copyright &copy; 2011 Jake's Coffee House<br>
  <a href="mailto:jake@jcoffee.com">jake@jcoffee.com</a></p>
</body>
</html>
```

Write the appropriate CSS to change the presentation of the webpage. The new page layout includes a header section, two columns (one for navigation menu and one for the main content) and a footer section.

The colours used are as follows:

Text: #330000

Body background: #ffffcc

Header and footer background:

#ccaa66

Left (navigation) column

background: #E8D882

Right (main content) column

background: #f1e8b0

The text is displayed in Verdana font.

Jake's Cofee Shop

<p>Home</p> <p>Menu</p> <p>Music</p> <p>Jobs</p>	<p>Come in and experience...</p> <ul style="list-style-type: none"> • Specialty Coffee and Tea • Freshly made sandwiches • Bagels, Muffins, and Organic Snacks • Music and Poetry Readings • Open mic nights • ... <p>23 Pine Road Nottingham, NG1 5YU 0115 9324567</p>	
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Modify the original HTML file to mark up sections (using <div> tags) and set appropriate class and id attributes

Question 2 – Bank Account

Bank Account - Personal Info	
Full name	<input type="text" value="Wael Jradi"/> (can contain alphabets and space, 10 to 20 characters)
Birth date	<input type="text" value="01-02-2000"/> (digits and dash : dd-mm-yyyy)
Zip Code	<input type="text" value="LB-2345"/> (capital letters and digits : XY-9999)
<input type="button" value="Add Credit Card"/>	

Credit Card	
Bank	<input type="text" value="BLOM"/> (4 to 6 capital letters)
Card Number	<input type="text" value="4152-5454-8585-9696"/> (Numbers and dash : 9999-9999-9999-9999)
Card Limit	<input type="text" value="2500"/> (4 to 5 digits)
Expiration Date	<input type="text" value="02-2018"/> (digits and dash : mm-yyyy)
<input type="button" value="Save"/>	

Hint (if needed) : The method `charCodeAt()` return the ASCII code of the character. Exemple :
`var str = "HELLO WORLD"; str.charCodeAt(0)` return 72 (ASCII code of H).
ASCII code of A is 65 and Z 90.

Create the form:

Initially, **only** the section **Personal info** will be displayed.

After clicking the button **Add Credit Card**, validation (in javascript) should be done on the input fields. If all the data are entered correctly, the section **Credit Card** will be displayed. Else an alert message will be displayed showing the errors.

After clicking the button **save**, validation (in javascript) should be done on the input fields and an alert message will be displayed if there are errors.