

BACHELOR OF COMPUTER APPLICATIONS (Revised)
(BCA)

Term-End Practical Examination

01024

June, 2018

BCSL-057(P)/S1 : WEB PROGRAMMING LAB

Time : 1 Hour

Maximum Marks : 50

- Note :**
- (i) *There is one **compulsory** question in this paper of 40 marks. Rest 10 marks are for viva-voce.*
 - (ii) *You may use any IDE, Web Server or Database backend to demonstrate the Web Application.*

1. (a) Design and implement a website/web application having three web pages. Each page should have the following format :

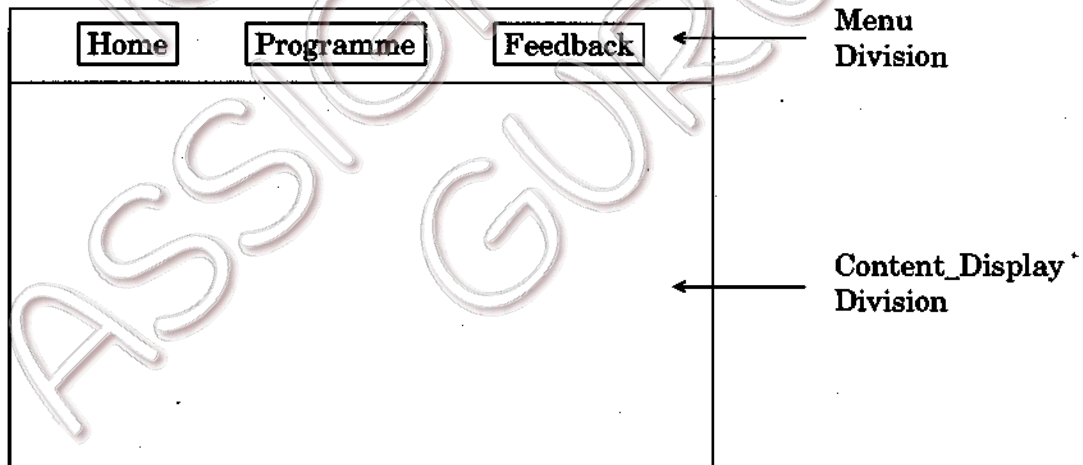


Figure 1 : Layout of Web Pages

Where **Home** is a link to Home Page, **Programme** is a link to a jsp page that displays List of Programmes and **Feedback** link opens a Feedback form.

Create three web pages having a layout as shown in figure 1 and “Content_Display” Division as per the following description :

- (i) The Home page should have a heading “PROGRAMME SELECTION”. It should also show an unordered list of features of this page as given below :

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“PROGRAMME SELECTION”

- Get a list by clicking Programme button
- Choose the programme
- Give us feedback on the website

Only Content_Display division is shown

- (ii) The Programme page should connect to a database namely ProgrammeDetails having a single relation/table (Programme_code, Programme_name, Duration, Fee). You need to create this database and enter at least 3 – 4 records in the table. Write JSP programme that connects to database and displays the programme details in a tabular form as shown below :

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Programme List			
Code	Name	Duration	Fee
MCA	Master of Comp. App.	3	60,000
BCA	Bachelor of Comp. App.	3	30,000
⋮			

Only Content_Display division is shown

- (iii) The Feedback page should display a form as :

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Name

Phone

Need more help Yes ☐ No ☐

Only Content_Display division is shown (You need not write code for SUBMIT button)

- (b) Create an external CSS file that formats the three pages as per the layout of Figure 1. The background colour of both the divisions should be different.

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