

BACHELOR OF COMPUTER APPLICATIONS (Revised)
(BCA)

Term-End Practical Examination

June, 2018

01929

BCSL-057(P)/S2 : 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 with the following layout :

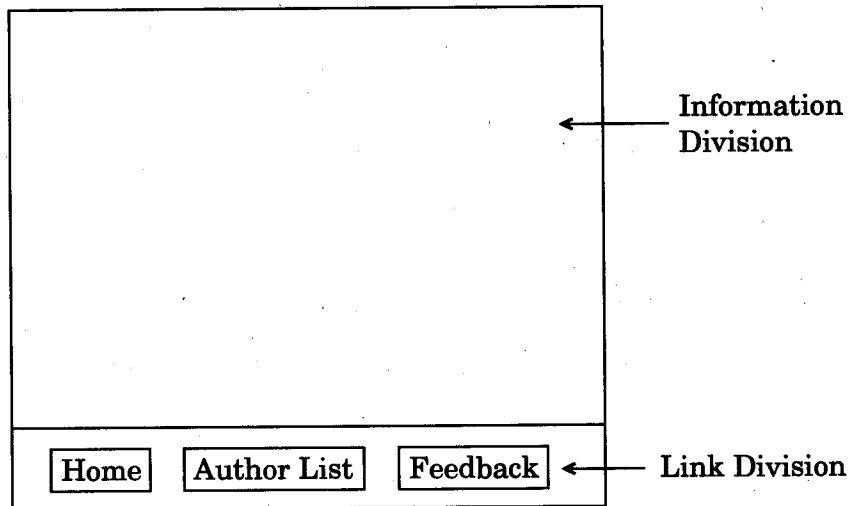


Figure 1 : Layout of Web Pages

The Link Division has three links — **Home** which is a link to Home Page; **Author List** is a link to a JSP page that creates a List of Authors, and **Feedback** is a link to a page containing a Feedback form.

Create three web pages having the same Link Division but different “Information Divisions”. The Information Divisions of these pages is described below :

(i) The Home page should display a title “Author’s Web”. It should also display the following points in an unordered list :

- This list is for finding authors.
- You may also give feedback to authors through this website.

(ii) Write a JSP program to create “Author List” page. You also need to create Author database having a single relation/table Author_detail (Name, Institute, Area_of_writing). The JSP program should query the database to create the following information on the web page :

Author Name	Institute	Area
ABC	XYZ	Database
BCD	YZX	Network
⋮	⋮	

You should enter about 3 – 4 records in the database.

(iii) The Feedback page should contain an HTML/JSP form (You need not write code to process the form) as given below :

Name :

Commenting on :

Detailed Comment :

(b) Create an external CSS file that formats all the three pages as per the layout of Figure 1. The CSS file should make sure that both the divisions are of different background colours.