

**BACHELOR OF COMPUTER
APPLICATIONS (BCA) (REVISED)**
Term-End Practical Examination
June, 2025

Time $\rightarrow 1$ Year Minimum $M_{\text{min}} \rightarrow 50$

LAB

Note : (i) There is one compulsory question in

(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 and database backend to demonstrate the web application.

1. Design and implement a website/web application having three web pages, each having the following layout :

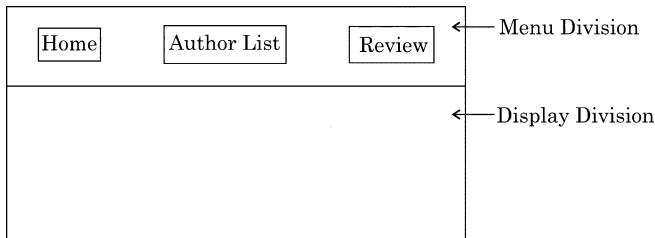


Figure 1 : Layout of the Web pages

Create three web pages having the same “Menu Division”. The links in “Menu Division” are as follows :

Home

It is a link to Home page.

Author List

It is a link to list of Authors that is generated using a JSP program and a database.

Review

It is a link to a page which contains the form to review on article of an author.

The “Display Division” of the three pages should be as per the following description :

- (a) Home page should display a message “Welcome to Author World” and display the address and phone number in tabular format.

(b) Create a database Author consisting of a single relation author_list (id, name, article_id), where id and article_id forms the composite key. Enter about 5 records in this table. Write a JSP program that queries the database and displays the results of the query in the “Display Division” as shown below :

18

Author List		
Author ID	Name	Article ID
A01	ABC	AR01
A02	Raman	AR05
.	.	.
.	.	.
.	.	.

(c) The Review page should consist of a form (write the HTML/JSP code to create the form and not the code to verify or process the form), as given below :

6

<u>Review Form</u>	
Author ID	<input type="text"/>
Article ID	<input type="text"/>
Review	<input type="text"/>
<input type="submit" value="Submit"/>	

(d) Create an external CSS file that formats all the three web pages as per the layout of figure 1. The CSS should display both the divisions in different colours. 10

× × × × ×