

Course Code : **BCSL-057**
Course Title : **Web Programming Lab**
Assignment Number : **BCA(V)/L-057/Assignment/2024-25**
Maximum Marks : **50**
Weightage : **25%**
Last Dates for Submission : **31stOctober,2024(For July, Session)**
30thApril, 2025(For January, Session)

This assignment has one question of 40 marks. Rest 10 marks are for viva voce. Please go through the guidelines regarding assignments given in the programme guide for the format of presentation.

Q1.(a) Design and implement a website/web application consisting of three pages having the following layout:

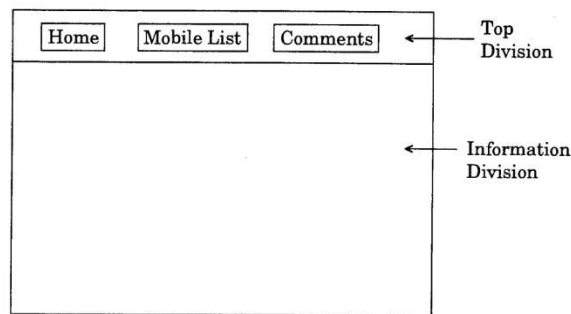


Figure 1 : Layout of Web Pages

Create three pages having the same layout as shown in Figure 1. The Top Division contains the following links:

- Home** : Link to Home Page
- Mobile List** : Link to a Mobile List Page created using JSP
- Comments** : Link to a Comments Page containing a form

The Information Division of the three pages should be as per the following description:

- (i) The Home Page should display the name of the mobile store "Mobile for You". It should display the objectives and address of the mobile store. **(3 Marks)**
- (ii) The Mobile List Page should be generated by a query to a database "Mobiles" having a single relation Mobile_ram (Mobile_make, RAM_size). **(3 Marks)**

You must use JSP to connect to database and display information as:

Mobile List	
Make	RAM (GB)
Samsung	2
Apple	4

You must display at least five mobiles in this list.

(18 Marks)

iii) The Comments Page should display a form as shown below : (Please do not write the code for processing or verification of the form)

(6 Marks)

Comment

Name :

Rate the mobile

Very good ☐

Good ☒

Not so good ☐

(b) Create an external CSS file that ensures that format of all the three pages is as per the layout of Figure 1. The background colour of Link Division should be light green.

(10 Marks)

You may make suitable assumptions, if needed.