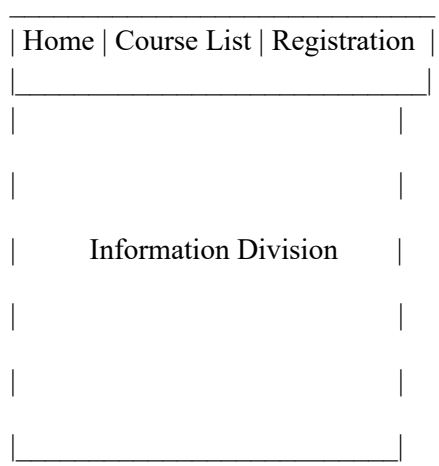
| | | |
|---|---|---|
| **Course Code** | **:** | **BCSL-057** |
| **Course Title** | **:** | **Web Programming Lab** |
| **Assignment Number** | **:** | **BCA(V)/L-057/Assignment/2026-27** |
| **Maximum Marks** | **:** | **50** |
| **Weightage** | **:** | **25%** |
| **Last Dates for Submission** | **:** | **31st October, 2026 (For July 2026 Session)** |
| | **:** | **30th April, 2027 (For January 2027 Session)** |

**Note: This assignment has one question for a total of 40 marks. The rest 10 marks are for viva voce. You must create the web application as specified, take screenshots of all pages and code, and attach them with your assignment.**

**Q1:**

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




Create three pages having the same layout as shown above.

The **Top Division** contains the following links:

**Home**: Link to Home Page

**Course List**: Link to a Course List Page created using JSP

**Registration**: Link to a Registration 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 training institute **"Skill Development Academy"**. It should display the objectives of the institute and its address. **(3 Marks)**

**(ii)** The **Course List Page** should be generated by a query to a database named **Training** having a single relation **Course_Details (Course_Name, Duration)** **(18 Marks)**

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

| Course Name | Duration |
|---|---|
| Web Development | 6 Months |
| Python Programming | 4 Months |
| Data Analytics | 5 Months |
| Cyber Security | 3 Months |
| Cloud Computing | 6 Months |

You must display **at least five courses** in this list.

**(iii)** The **Registration Page** should display a form as shown below. **(6 Marks)**

(Please do not write the code for processing or verification of the form.)

Registration

Student Name : _____

Course Name : _____

Email ID : _____

Mobile No. : _____

[ Submit ]

**(b)** Create an **external CSS file** that ensures that the format of all the three pages is as per the layout shown above. The background colour of the **Top Division** should be **light orange.** **(13 Marks)**

You may make suitable assumptions, if needed.

**Q1:**

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

| Home | Course List | Registration |
|---|---|---|
| Information Division | | |

**Create three pages having the same layout as shown above.**

**The Top Division contains the following links:**

**Home: Link to Home Page**

**Course List: Link to a Course List Page created using JSP**

**Registration: Link to a Registration 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 training institute "Skill Development Academy". It should display the objectives of the institute and its address. (3 Marks)**

**(ii) The Course List Page should be generated by a query to a database named Training having a single relation Course_Details (Course_Name, Duration) (18 Marks)**

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