

Christ College, Rajkot  
CS-28 Advance Java Programming  
B.C.A. 5<sup>th</sup> Sem.  
2018-19

**Tutorial.4. JSP Programming**

**Submission Date:**  
**06/9/2018 prg. no. 4**

1. Write a JSP program, which takes two integer variable and perform all the arithmetic operations on it. Values should be taken from textboxes and perform the operations after submitting the button.
2. Write a JSP page to download a plug-in applet inside the JSP page.
3. Write a JSP program which creates error page and handle exception with the use of the error page.
4. Create a Web application for following purpose: **(Use JDBC-MySQL for connectivity)**
  - a. Home Page + Login Page (Admin, Student)
  - b. Registration Page(New Student Registration)
  - c. If admin is logged in then show all students detail
  - d. If particular student is there then show his/ her detail only and allow for updating/deleting a student.
  - e. Otherwise show appropriate error page.

**Database: StudentManagement.**

**Table Structure:**

**1. StudDetail:**

Column Name	Type	Size	Example
StudId	Varchar	10	S001
StudNm	Varchar	50	Rejoice Mohtra
Address	Varchar	200	
Contact	Varchar	15	
Type	Character	1	A->Admin, S->Student, G->Guest Default value is 'A'
DeptNo	Number	3	1->

**2. Department\_Master:**

DeptNo	DeptName
1	BCA
2	BScIT
3	BBA
4	MScIT
5	MCA
6	MBA

**Extra exercises:: JSP**

1. Write a JSP page to print a multiplication table of a given number(Use of Scriptlet and expression).
2. Write a JSP page to call a user defined function(Use of Declaration).
3. Write a JSP page to perform static authentication.
4. Write a JSP page to perform an authentication through database.