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| 1. Create a web page with the following using HTML  a. To embed an image technology forum in a web page  b. To fix the hot spots for each technology forum  c. Show all the related technology information when the hot spots are clicked | | | | | | |
| Aim/Procedure | Program | Execution & Results | Viva-Voce | Record | Total | Marks in Letters |
| 20 | 30 | 30 | 10 | 10 | 100 | One Zero Zero |
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| 2. Create a website for online programming course learning platform and apply all the CSS styles. The website should display list of course details, course features, popular topics, popular course instructors, and ratings. | | | | | | |
| Aim/Procedure | Program | Execution & Results | Viva-Voce | Record | Total | Marks in Letters |
| 20 | 30 | 30 | 10 | 10 | 100 | One Zero Zero |
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| 3. Develop a website for online internet banking which consist of web pages like home page, registration and user login, and amount transaction using forms. Use Java script for client side validation. | | | | | | |
| Aim/Procedure | Program | Execution & Results | Viva-Voce | Record | Total | Marks in Letters |
| 20 | 30 | 30 | 10 | 10 | 100 | One Zero Zero |
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| 4. Install TOMCAT web server. Convert the static web pages of programs into dynamic web pages using JSP and cookies. Hint: Online shopping (Users information - user id, password) would be stored in web.xml. Each user should have a separate shopping cart. | | | | | | |
| Aim/Procedure | Program | Execution & Results | Viva-Voce | Record | Total | Marks in Letters |
| 20 | 30 | 30 | 10 | 10 | 100 | One Zero Zero |
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| 5. Write programs for creating college webpage in Java using Servlets i. To invoke servlets from HTML forms ii. Session tracking using hidden form fields and Session tracking for a hit count web.xml. Each user should have a separate shopping cart. | | | | | | |
| Aim/Procedure | Program | Execution & Results | Viva-Voce | Record | Total | Marks in Letters |
| 20 | 30 | 30 | 10 | 10 | 100 | One Zero Zero |
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| 6. Write programs in Java to create three-tier applications using servlets for conducting online certification course examination for displaying selected candidate rank list. Assume that candidate information is available in a database which has been stored in a database server.fields and Session tracking for a hit count web.xml. Each user should have a separate shopping cart. | | | | | | |
| Aim/Procedure | Program | Execution & Results | Viva-Voce | Record | Total | Marks in Letters |
| 20 | 30 | 30 | 10 | 10 | 100 | One Zero Zero |
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| 7. Create and save an XML document at the server, which contains 5 books information. Write a Program, which takes book title as an input and returns the book details by taking the book information from the XML document. | | | | | | |
| Aim/Procedure | Program | Execution & Results | Viva-Voce | Record | Total | Marks in Letters |
| 20 | 30 | 30 | 10 | 10 | 100 | One Zero Zero |
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| 8. Develop a web application for Railway ticket reservation system using JSP. Use sessions and perform appropriate validations. Your application must access database. | | | | | | |
| Aim/Procedure | Program | Execution & Results | Viva-Voce | Record | Total | Marks in Letters |
| 20 | 30 | 30 | 10 | 10 | 100 | One Zero Zero |
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| 9. Create a JavaScript application for credit card pages to validate the registration, user login, user profile and payment details. | | | | | | |
| Aim/Procedure | Program | Execution & Results | Viva-Voce | Record | Total | Marks in Letters |
| 20 | 30 | 30 | 10 | 10 | 100 | One Zero Zero |
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| 10. Creating the XML file that contains 10 student’s information and displaying the XML file using  XSLT. | | | | | | |
| Aim/Procedure | Program | Execution & Results | Viva-Voce | Record | Total | Marks in Letters |
| 20 | 30 | 30 | 10 | 10 | 100 | One Zero Zero |
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| 11. Create a registration form for creating e-leaning library account and validate the registration using  JavaScript and alert the user if any error found otherwise alert the user that registration is success. | | | | | | |
| Aim/Procedure | Program | Execution & Results | Viva-Voce | Record | Total | Marks in Letters |
| 20 | 30 | 30 | 10 | 10 | 100 | One Zero Zero |
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| 12. Create a web page with the following. a. Cascading style sheets.  b. Embedded style sheets. c. Inline style sheets. Use college information for the web pages. | | | | | | |
| Aim/Procedure | Program | Execution & Results | Viva-Voce | Record | Total | Marks in Letters |
| 20 | 30 | 30 | 10 | 10 | 100 | One Zero Zero |
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| 13. Write a program to convert the static web pages of programs into dynamic web pages using servlets (or JSP) and cookies. Install TOMCAT web server. Create a database with user information and books information. The books catalogue should be dynamically loaded from the database. | | | | | | |
| Aim/Procedure | Program | Execution & Results | Viva-Voce | Record | Total | Marks in Letters |
| 20 | 30 | 30 | 10 | 10 | 100 | One Zero Zero |
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| 14. Create and save an XML document at the server, which contains five users Information. Write a Program, which takes user Id as an input and returns the User details by taking the user information from the XML document. | | | | | | |
| Aim/Procedure | Program | Execution & Results | Viva-Voce | Record | Total | Marks in Letters |
| 20 | 30 | 30 | 10 | 10 | 100 | One Zero Zero |
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| 15. Create a web page with the following using HTML  a. To embed an image map in a web page.  b. To fix the hot spots.  c. Show all the related information when the hot spots are clicked | | | | | | |
| Aim/Procedure | Program | Execution & Results | Viva-Voce | Record | Total | Marks in Letters |
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| 16. Write programs for creating Insurance company webpage in Java using Servlets:  i. To invoke servlets from HTML forms  ii. Session tracking using hidden form fields and Session tracking for a hit count | | | | | | |
| Aim/Procedure | Program | Execution & Results | Viva-Voce | Record | Total | Marks in Letters |
| 20 | 30 | 30 | 10 | 10 | 100 | One Zero Zero |
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| 17. Create a webpage for hospital management must contain at least five tables and add design using all types of Cascading style sheets. | | | | | | |
| Aim/Procedure | Program | Execution & Results | Viva-Voce | Record | Total | Marks in Letters |
| 20 | 30 | 30 | 10 | 10 | 100 | One Zero Zero |
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| 18. Write programs for creating Insurance company webpage in Java using Servlets:  i. To invoke servlets from HTML forms  ii. Session tracking using hidden form fields and Session tracking for a hit count | | | | | | |
| Aim/Procedure | Program | Execution & Results | Viva-Voce | Record | Total | Marks in Letters |
| 20 | 30 | 30 | 10 | 10 | 100 | One Zero Zero |
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| 19. Create a web page with the following using HTML  a. To embed an image map in a web page.  b. To fix the hot spots.  c. Show all the related information when the hot spots are clicked | | | | | | |
| Aim/Procedure | Program | Execution & Results | Viva-Voce | Record | Total | Marks in Letters |
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| 17. Create a webpage for hospital management must contain at least five tables and add design using all types of Cascading style sheets. | | | | | | |
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