

CASE TOOLS AND WEB TECHNOLOGIES LAB

Exp. No.	Division of Experiments	List of Experiments
1	Structural and behavioral Diagrams	<ol style="list-style-type: none"> 1. Design a use case diagram for an ATM system. 2. Design a class diagram for an ATM system. 3. Design a sequence diagram for an ATM system. 4. Design a collaboration diagram for an ATM system. 5. Design a state diagram for an ATM System. 6. Design an activity diagram for an ATM System. 7. Design a component diagram for an ATM system. 8. Design a deployment diagram for an ATM system.
2	Win runner Testing Tool	<p>Write a 'C' program to demonstrate the working of the following constructs:</p> <ol style="list-style-type: none"> i. do...while ii. while...do iii. if ...else iv. switch v. for Loops in C language. <hr/> <p>Write a program in 'C' language to demonstrate the working of palindrome using do...while.</p> <hr/> <p>A program written in c language for matrix multiplication fails "Introspect the causes for its failure and write down the</p>

		possible reasons for its failure”.
		Study of Any Testing Tool(Win Runner)
3	Selenium Testing Tool	Study of any web testing tool (e.g. Selenium) Write the test cases for any known application (e.g. Banking application)
4	Bug zilla Testing Tool	Study of Any Bug Tracking Tool (Bug zilla) Create a test plan document for any application (e.g. Library Management System)
5	Test Director Testing Tool	Study of Any Test Management Tool (Test Director) Compare different testing tools
6	Test Link Testing Tool	Study of any open source testing tool (Test Link) Demonstrates how test link is different from test director.
7	Installation	Installation of XAMPP stacks.
8	JavaScript	Write an HTML page including any required JavaScript that takes a number from one text field in the range of 0 to 999 and shows it in a another text field in words. If the number is out of range, it should show “out of range” and if it is not a number, it should show “not a number” message in the result box.

9	HTML	Write an HTML page that has one input, which can take multi-line text and a submit button. Once the user clicks the submit button, it should show the number of characters, words and lines in the text entered using an alert message. Words are separated with a white space and lines are separated with new line character.
10	CSS	Write an HTML page that contains a selection box with a list of 5 countries. When the user selects a country, its capital should be printed next to the list. Add CSS to customize the properties of the font of the capital (color, bold and font size).
11	XML	Create an XML document that parsers information from the XML document using (a) DOM Parser and (b) SAX parser.
12	PHP	A user validation web application, where the user submits the login name and password to the server. The name and password are checked against the data already available in Database and if the data matches, a successful login page is returned. Otherwise a failure message is shown to the user.
		A user validation web application, where the user submits the login name and password to the server. The name and password are checked against the data already available in XML and if the data matches, a successful login page is returned. Otherwise a failure message is shown to the user.
		A simple calculator web application that takes two numbers and an operator (+, -,/,*and %) from an HTML page and returns the result page with the operation performed on the operands.
		A web application that takes name and age from an HTML page. If the age is less than 18 it should send a page with “Hello <name>, you are not authorized to visit the site “message, where <name> should be replaced with the entered name. Otherwise it should send “Welcome <name> to this site “message.

