



Jaypee Institute of Information Technology, Noida

Department of CSE and IT

Web Technology Lab (21B16CS323)

List of Experiments

1. **Introduction to HTML**– Introduction to HTML, designing basic web pages using HTML, containing tables, hyperlinks, buttons, and colours.
2. **Introduction to CSS**– Introduction to CSS, changing fonts, colour, other visual aspects using CSS.
3. **Basics of JavaScript** – Designing HTML forms to take user input and perform operations on them.
4. **JavaScript Functions** – JavaScript arithmetic functions, alert boxes changing webpage background using JavaScript.
5. **Introduction to ReactJS** – Basic ReactJS programs taking input and other components
6. **ReactJS** – Implementing Fibonacci Sequence, fizz buzz problem, palindromes, grade calculator
7. **NodeJS** – Arithmetic operations in NodeJS, loops, string processing, server side CRUD operations.
8. **Overview of PHP** – Arrays traversal, loops, sorting, arithmetic operations, and calculator.
9. **Overview of MySQL** – Creating tables & databases, insertion, deletion, updation, querying basic SQL operations.
10. **Database Connectivity with PHP**– Connecting PHP with MySQL, database operations from PHP, forms to take data and store in database, verify the data using PHPMyAdmin.
11. **Web Development Framework Bootstrap** – Use of Bootstrap in web development, designing WebPages using bootstrap.
12. **Web Development Framework Django** – Use of Django in web development, designing WebPages using Django and Python.