EXPERIMENT 5

AIM: To use Java Server Pages (JSP) to make backend of website. Use it to fetch data from a MySQL database and display that in a table.

About:

JSP

Java Server Pages (JSP) is a technology which is used to develop web pages by inserting Java code into the HTML pages by making special JSP tags. The JSP tags which allow java code to be included into it are <% ----java code----%>. It can consist of either HTML or XML (combination of both is also possible) with JSP actions and commands. It can be used as HTML page, which can be used in forms and registration pages with the dynamic content into it. Dynamic content includes some fields like dropdown, checkboxes, etc. whose value will be fetched from the database. This can also be used to access JavaBeans objects. We can share information across pages using request and response objects. JSP can be used for separation of the view layer with the business logic in the web application.

MySQL

MySQL runs on virtually all platforms, including Linux, UNIX, and Windows. Although it can be used in a wide range of applications, MySQL is most often associated with web-based applications and online publishing and is an important component of an open source enterprise stack called LAMP. LAMP is a Web development platform that uses Linux as the operating system, Apache as the Web server, MySQL as the relational database management system and PHP as the object-oriented scripting language. (Sometimes Perl or Python is used instead of PHP.)