**Assignment Title: LAMP and LEMP Stack Setup on AWS/Azure**

**Objective:**

Demonstrate proficiency in configuring LAMP (Linux, Apache, MySQL, PHP) and LEMP (Linux, Nginx, MySQL, PHP) stacks on an Amazon Web Services (AWS) EC2 instance.

Instructions:

**Part 1: Setting Up LAMP Stack:**

1.Launch EC2 Instance:

Deploy an EC2 instance with Ubuntu Linux OS, ensuring correct configurations.

2.Connect to Instance:

Establish SSH connection to the EC2 instance.

3.Install Components:

Install Apache, MySQL, and PHP packages using package manager commands.

4.Start Services:

Initiate Apache and MySQL services to ensure functionality.

5.Test LAMP Stack:

Create and access a PHP info file to verify stack operation.

**Part 2: Setting Up LEMP Stack:**

1.Connect to EC2 Instance:

SSH into the existing AWS EC2 instance.

2.Install Components:

Install Nginx, MySQL, and PHP packages using package manager commands.

3.Configure Nginx for PHP:

Modify Nginx configuration files to support PHP processing.

4.Test LEMP Stack:

Create and access a PHP info file to confirm successful stack setup.

**Submission Guidelines:**

1.Documentation and Screenshots:

Provide clear documentation of each setup step with screenshots where applicable.

2.GitHub Repository:

Host all documentation, screenshots, and related files in a GitHub repository.

Ensure a structured README.md file outlines the project's purpose and organization.

3.Submission:

Share the GitHub repository URL for evaluation within the specified deadline.

4.Evaluation:

Assessment will consider the clarity and completeness of documentation, adherence to setup instructions, and GitHub repository organization.