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**TITLE:**

**ICT LAB ASSESSMENT 9:**

**TO CREATE LOCALHOST SERVER.**

Made By:

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**LAB ASSESSMENT 9:**

# Introduction:

This lab assessment guides you through the process of setting up a localhost server using Apache2 on a Linux system and verifying its functionality using the 'ping' command.

## Step 1: Update System Packages

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|  | 1. Open a terminal.  2. Run the following command to update the package index: **sudo apt update** |

## Step 2: Install Apache2

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| 1. Install Apache2 using the package manager: **sudo apt install apache2**  2. Verify the installation by checking the Apache2 version: **apache2 -v** |  |

## Step 3: Start and Enable Apache2

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|  | 1. Start the Apache2 service:  **sudo systemctl start apache2**  2. Enable Apache2 to start on boot:  **sudo systemctl enable apache2** |

## Step 4: Verify the Apache2 working

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|  | Write the command **sudo systemctl status apache2.** And check if it is **Active**  or not |

## Step 5: Using the `ping` Command for Verification

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| 1. Open the terminal.  2. Run the 'ping' command to test connectivity:  3. Observe the responses to confirm connectivity. |  |

## Step 6: Use your ip address to make the server:

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|  | 1. Open the terminal.  2. Use the command **ping your ip addr**  3. To check if it is working properly go to web browser and type [http://youripaddress](http://youripaddress/) .  **4.** You can now share this link with the devices connected with the same network |

# Result:

