***Assignment 1:*** *Ensure the script checks if a specific file (e.g., myfile.txt) exists in the current directory. If it exists, print "File exists", otherwise print "File not found".*

***Linux script to check if a specific file exists in the current directory:***

*Bash*

*#!/bin/bash*

*# Specify the filename*

*filename="myfile.txt"*

*# Check if the file exists*

*if [ -f "$filename" ]; then*

*echo "File exists"*

*else*

*echo "File not found"*

*fi*

*``"*

***\*\*How to Run the Script:\*\****

*1. Open a text editor (e.g., Nano, Gedit) and create a new file (e.g., `file\_check.sh`).*

*2. Copy and paste the script into the file.*

*3. Save the file.*

*4. Open the terminal and navigate to the directory where you saved the file.*

*5. Make the script executable with the command: `chmod +x file\_check.sh`*

*6. Run the script with the command: `./file\_check.sh`*

***\*\*Alternative Method (One-Liner):\*\****

*You can also use a one-liner command in the terminal:*

*```bash*

*[ -f myfile.txt ] && echo "File exists" || echo "File not found"*

***Explanation:***

*[ -f "$filename" ] checks if the file exists and is a regular file.*

*&& is a logical AND operator that executes the next command if the previous command succeeds.*

*|| is a logical OR operator that executes the next command if the previous command fails.*