

Day 7

Assignment 2: Write a script that reads numbers from the user until they enter '0'. The script should also print whether each number is odd or even.

A)

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#!/bin/bash

while true; do

    # Read number from the user

    echo -n "Enter a number (0 to quit): "

    read number

    # Check if the number is 0

    if [ "$number" -eq 0 ]; then

        echo "Exiting the script."

        break

    fi

    # Check if the number is even or odd

    if [ $((number % 2)) -eq 0 ]; then

        echo "$number is even."

    else

        echo "$number is odd."

    fi

done
```

Script:

1. *Create a Shell Script File: Open a terminal and create a new file, e.g., odd_even.sh.
-->nano odd_even.sh*
2. *Paste the Script: Copy the above script and paste it into the odd_even.sh file.*
3. *Save and Exit: Save the file and exit the text editor (for nano, press Ctrl+X, then Y, then Enter).*

4. Make the Script Executable: Give execute permission to the script.

-->chmod +x odd_even.sh

5. Run the Script: Execute the script.

-->./odd_even.sh