**Day7 - Assignment 1:** Count the number of files and folder present in the directory, if possible, take the directory path from user.

#!/bin/bash

# Prompt user to enter directory path

echo "Enter the directory path:"

read directory

# Validate if directory exists

if [ ! -d "$directory" ]

then

echo "Error: Directory '$directory' does not exist."

exit 1

fi

# Initialize counters

file\_count=0

folder\_count=0

# Loop through each item in the directory

for item in "$directory"/\*; do

if [ -f "$item" ]

then

# Increment file count if it's a regular file

((file\_count++))

elif [ -d "$item" ]

then

# Increment folder count if it's a directory

((folder\_count++))

fi

done

# Display results

echo "Number of files in '$directory': $file\_count"

echo "Number of folders in '$directory': $folder\_count"