**Day-7 (Assignment-1)**

# **Q1)** **count the number of files and folder present in the directory. if possible take the directory path from user.**

#!/bin/bash

# enter the directory path

read -p "Enter the directory path : " directory\_path

# Check if the directory exists

if [ -d "$directory\_path" ]; then

file\_count=0

folder\_count=0

# Loop through all items in the directory

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

if [ -f "$item" ]; then

file\_count=$((file\_count + 1))

elif [ -d "$item" ]; then

folder\_count=$((folder\_count + 1))

fi

done

# Print the results

echo "Number of files: $file\_count"

echo "Number of folders: $folder\_count"

else

echo "The provided path is not a valid directory."

fi