**Day-7 (Assignment-3)**

# **Q)** **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.**

#!/bin/bash

echo "Enter numbers (enter 0 to stop):”

while true; do

read -p "Number: " num

# Check if the input is numeric

if ! [[ $num =~ ^[0-9]+$ ]]; then

echo "Error: Please enter a valid number."

continue

fi

# Convert string to integer

num=$((num))

if [ $num -eq 0 ]; then

echo "Exiting..."

break

fi

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

echo "$num is even."

else

echo "$num is odd."

fi

done