**Day 7 Assignment 3**

**Problem**: 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.

**Solution:**

#!/bin/bash

while true; do

# Read input from the user

read -p "Enter a number (or '0' to stop): " number

# Check if the input is '0' to stop the loop

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

echo "Exiting the program."

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

**How to run:**

* Type chmod 777 check\_even\_odd.sh to give permissions
* Type ./check\_even\_odd.sh to run