#!/bin/bash

# dircheck

# Marc Jason David

# Student ID: 500973075

# Midterm Test 1

# CCPS 393 Section 3J0

# Instructor: L.Hiraki

# Script that takes entries and determines if it's a directory

# I certify that my program and code are my own work

dir=0

ent=0

for entry in $\*

do

((ent=ent+1))

if [ ! -d $entry ]

then

echo "$entry is not a directory"

else

echo "$entry is a directory"

((dir=dir+1))

fi

done

echo "---end of list---"

echo "Summary: $dir of $ent entries are directories."

####SAMPLE OUTPUT BASED ON moon.scs.ryerson.ca – PUTTY#####

mtdavid@europa:~$ touch bagel

mtdavid@europa:~$ touch bento

mtdavid@europa:~$ mkdir burgers

mtdavid@europa:~$ mkdir fries

mtdavid@europa:~$ ./dircheck bagel bento burgers fries

bagel is not a directory

bento is not a directory

burgers is a directory

fries is a directory

---end of list---

Summary: 2 of 4 entries are directories.

mtdavid@europa:~$

# **References**

Linuxize.com. (2019, August 11). *How to Increment and Decrement Variable in Bash (Counter)*. Retrieved from Linuxize.com: https://linuxize.com/post/bash-increment-decrement-variable/