**Tugas 1. Dasar Pemrograman Jaringan**

1. Simak kode berikut ini. Jalankan dalam system anda.
2. Buat video dan upload ke Youtube yang berisi penjelasan anda baris demi baris kode berikut ini. Pastikan wajah anda tampil di video tersebut.
3. Tugas individu. Upload link video anda ke Flearn.
4. Deadline Minggu 4 Juni 2023 jam 23.59

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#! /usr/bin/env python

"""

Learning Series: Network Programmability Basics

Module: Programming Fundamentals

Lesson: Python Part 1

Author: Hank Preston <hapresto@cisco.com>

example1.py

Illustrate the following concepts:

- Script Structure and Format

- Importing and using packages

- Variable declaration and usage

- Function creations and usage

- Basic Error Handling

"""

\_\_author\_\_ = "Hank Preston"

\_\_author\_email\_\_ = "hapresto@cisco.com"

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\_\_license\_\_ = "MIT"

import sys

def doubler(number):

"""

Given a number, double it and return the value

"""

result = number \* 2

return result

# Entry point for program

if \_\_name\_\_ == '\_\_main\_\_':

# Retrieve command line input

try:

input = float(sys.argv[1])

except (IndexError, ValueError) as e:

# Indicates no command line parameter was provided

print("You must provide a number as a parameter to this script")

print("Example: ")

print(" python example1.py 12")

sys.exit(1)

# Double the provided number and print output

answer = doubler(input)

print(answer)