


---- Module 4 ----




Reading: Module 4

Introduction (video)

10 min


TOTAL POINTS 8



Reading: Module 4 Reading

10 min

1. What is the name of the Python package used to control the Raspberry Pi camera module?




Video: Module 4

Introduction (video)

1 min


---- Lesson 1 ----




Video: Lecture 1.1 - Camera

Module 4

4 min




rpicamera




Video: Lecture 1.2 -

picamera Library

5 min



camera




Video: Lecture 1.3 -

Capturing Images

8 min

---- Lesson 2 ----


2. What function in the camera library is used to take a picture?




Video: Lecture 2.1 - Camera

(Demo)

9 min




picture()




Video: Lecture 2.2 - PWM on

RPi


8 min



photo()




snap()



Video: Lecture 2.3 - Servo

Control


7 min



capture()

---- Lesson 3 ----


3. What is a duty cycle?



Video: Lecture 3.1 - Servo

Code


5 min




Video: Lecture 3.2 - Servo

(Demo)

4 min



The period of a square wave



The frequency of a square wave

QUIZ • 30 MIN

Module 4 Quiz

Submit your assignment

DUE DATE

Nov 2, 12:59 PM +06

ATTEMPTS

3 every 8 hours

Start

Receive grade

Grade

TO PASS

80% or higher

—

1 point

1 point

1 point

<https://www.coursera.org/learn/raspberry-pi-interface/exam/5ufsv/module-4-quiz/attempt>

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