1.3

Tijd onderdeel: 1:02:00

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| **Naam** |  |  |
| Pulse | **import** RPi.GPIO **as** GPIO **import** time GPIO.setmode( GPIO.BCM ) GPIO.setwarnings( 0 )  print( "GPIO pulse" )  **def** pulse( pin\_nr, high\_time, low\_time ):  GPIO.output(pin\_nr,GPIO.HIGH)  time.sleep(high\_time)  GPIO.output(pin\_nr, GPIO.LOW)  time.sleep(low\_time)  """  Geef een puls op de pin:  Maak de pin pin\_nr hoog, wacht high\_time,  maak de pin laag, en wacht nog low\_time  """  *# implementeer dez<e functie*  led = 18 GPIO.setup( led, GPIO.OUT ) **while True**:  pulse( led, 0.2, 0.2 ) |  |
| Tatatataaa | pin = 18 kort = 0.2 lang = 1  **def** pulse(pin\_nr, high\_time, low\_time):  GPIO.output(pin\_nr, GPIO.HIGH)  time.sleep(high\_time)  GPIO.output(pin\_nr, GPIO.LOW)  time.sleep(low\_time)   **while True**:  pulse(pin, kort, 0.2)  pulse(pin, kort, 0.2)  pulse(pin, kort, 0.2)  pulse(pin, lang, 0.2) |  |
| Morse code | **ef** morse(pin\_nr, dot\_length, text):  **for** i **in** text:  **if** i == ' ':  GPIO.output(pin\_nr, GPIO.LOW)  time.sleep(dot\_length)  **else**:  GPIO.output(pin\_nr, GPIO.HIGH)  **if** i == '-':  time.sleep(dot\_length \* 3)  **elif** i == '.':  time.sleep(dot\_length)  GPIO.output(pin\_nr, GPIO.LOW)  time.sleep(dot\_length) |  |