

# Danza

## Programa

```
from arduino_alvik import ArduinoAlvik
from time import sleep
import sys

alvik = ArduinoAlvik()
alvik.begin()
sleep(5)

while True:
    #Drive forward
    alvik.set_wheels_speed(10,10)
    sleep(2)
    #Turn left
    alvik.set_wheels_speed(0,20)
    sleep(2)
    #Turn right
    alvik.set_wheels_speed(20,0)
    sleep(2)
    #Drive backwards
    alvik.set_wheels_speed(-10,-10)
    sleep(2)
```

De <https://courses.arduino.cc/explore-robotics-micropython/lessons/getting-started/>

## Vídeo

[https://www.youtube.com/embed/3uW\\_2uUMuTc](https://www.youtube.com/embed/3uW_2uUMuTc)

## Más caña

La instrucción `alvik.set_wheels_speed(0,20)` significa que da 0 rpm a la rueda izquierda y 20rpm a la derecha, donde rpm significa revoluciones por minuto ¿y si multiplicamos todos los rpm por 10?

<https://www.youtube.com/embed/rAAwrOV7CRo>

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