

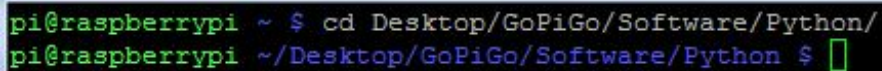
Read encoder values

 dexterindustries.com/GoPiGo/learning-2/python-programming-for-the-raspberry-pi-gopigo/read-encoder-values/

GoPiGo Firmware update 1.3 onward, it is now possible to access the encoder vales easily.

Just make sure that you are using firmware version 1.3 and goto the Software/Python folder on your Pi

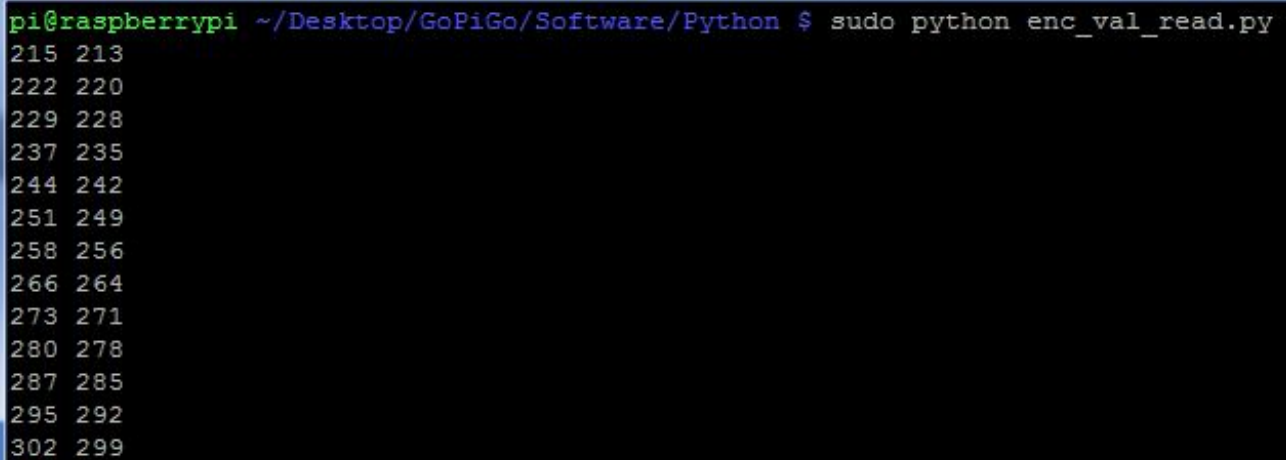
cd Desktop/GoPiGo/Software/Python/



```
pi@raspberrypi ~ $ cd Desktop/GoPiGo/Software/Python/  
pi@raspberrypi ~/Desktop/GoPiGo/Software/Python $
```

and run the encoder read example:

sudo python enc_val_read.py



```
pi@raspberrypi ~/Desktop/GoPiGo/Software/Python $ sudo python enc_val_read.py  
215 213  
222 220  
229 228  
237 235  
244 242  
251 249  
258 256  
266 264  
273 271  
280 278  
287 285  
295 292  
302 299
```

It gives you the values for both the encoders. **18 counts on the encoder correspond to 1 rotation of the wheel.**