Załącznik 3

```
Import smbus
import time
import os
print os.uname()
bus = smbus.SMBus(1)

## Adresy

i2c_address = 0x04
i2c_cmd_write = 0x01
i2c_cmd_read = 0x02

def ConvertStringToBytes(src):
   converted = []
   for b in src:
      converted.append(ord(b))
   return converted

bytesToSend = ConvertStringToBytes("Hello ")
bus.write_i2c_block_data(i2c_address, i2c_cmd_write, bytesToSend)

exit = False
while not exit:
   r = raw_input('Enter:')
   print(r)

   bytesToSend = ConvertStringToBytes(r)
   bus.write_i2c_block_data(i2c_address, i2c_cmd_write, bytesToSend)
   time.sleep(0.1)
```

```
data = ""
numOfByte = bus.read_byte(i2c_address)
print numOfByte

for i in range(0, numOfByte):
    data += chr(bus.read_byte(i2c_address));
print data

if r=='v':
    exit=True
```