File "/NEW_serial/main.cpp" printed from os.mbed.com on 6/5/2020

```cpp
1   // Juan Sandoval Valencia 63078
2   #include "mbed.h"
3   Serial pc(SERIAL_TX,SERIAL_RX);
4   AnalogIn Potx(A0);
5   AnalogIn Poty(A1);
6   PwmOut servo1(PC_9);
7   PwmOut servo2(PC_8);
8
9   int main()
10  {
11      servo1.period_ms(20);
12      servo1.pulsewidth_us(1000);
13      servo2.period_ms(20);
14      servo2.pulsewidth_us(1000);
15
16
17      uint16_t posx,posy;
18      int pwm1,pwm2;
19      pwm1=1250;
20      pwm2=1250;
21
22      while(1)
23      {
24
25          posx=Potx.read_u16();
26          posy=Poty.read_u16();
27
28
29          pc.printf("%d,%d\n",posx, posy);
30          wait_ms(20);
31          if (pc.readable()==0)
32          {
33              pc.scanf("%d",&pwm1);
34              pc.scanf("%d",&pwm2);
35              wait_ms(20);
36
37              servo1.pulsewidth_us(pwm1);
38              servo2.pulsewidth_us(pwm2);
39
40          }
41
42      }
43  }
44
45  //Juan Sandoval Valencia 63078
```

File "/NEW_serial/main.cpp" printed from os.mbed.com on 6/5/2020