```
1: Initialize USB CDC to the boudrate = 115 200 bit s^-1
2: while 1 do
3:     Receive from USB and store in A
4:     if A[0] == 0x34 then
5:         Set the value of A[2] as PWM out to the Analog output port # A[1]− 0x60
6:     end if
7:     if A[0] == 0x33 then
8:         Read analog value from the Analog input # A[1]− 0x60 and send the value to USB
9:     end if
10: end while
```