```
 1: # Example engaging class projects
 2: # Brygg Ullmer, Clemson University
 3: # Begun 2025-02-20
 4:
 5: import sys, os, traceback
 6:
 7: from enoMidiController import *
 8: from projMidi          import *
 9:
10: ################### main ###################
11:
12: emc = enoMidiController('aka_apcmini2', midiCtrlOutputId=4, activateOutput=True)
13: pm  = ProjMidi(emc=emc)
14:
15: emc.registerControls(pm.midiCB)    #C
16:
17: #for i in range(64): emc.midiOut.note_on(i, i, 3)   # D (next 7 lines)
18: #for i in range(6): emc.midiOut.note_on(i, i, 3)
19: #blue 45 orange 5 green 25 brown 9
20:
21: #for i in [45, 5, 25, 9]:  emc.midiOut.note_on(i, i,    1)
22: #for i in [46, 6, 26, 10]: emc.midiOut.note_on(i, i-1, 6)
23: #for i in [47, 7, 27, 11]: emc.midiOut.note_on(i, i-2, 10)
28:
29: def draw(): screen.clear(); pm.draw(screen)
30: def update():                pm.update()
31: def on_mouse_down(pos):      pass #cpgzm.on_mouse_down(pos)
32:
33: ### end ###
```

A

C

B

D

E