

15-112 Lecture 2

Week 5 Thu
2-D Lists &
Anim1: Events/MVC

Instructor: Pat Virtue

### Announcements

Pre-reading/checkpoint

None for next week

#### Quiz 4

Week 5 material

■ Tue 10/4, in lecture

#### HW5

A few tips today

## Poll 3

Please fill out the TA feedback survey:

https://tinyurl.com/15112-feedback

D. Just answer D in the poll when done for at least one TA (don't select any other option)

## 2D Lists

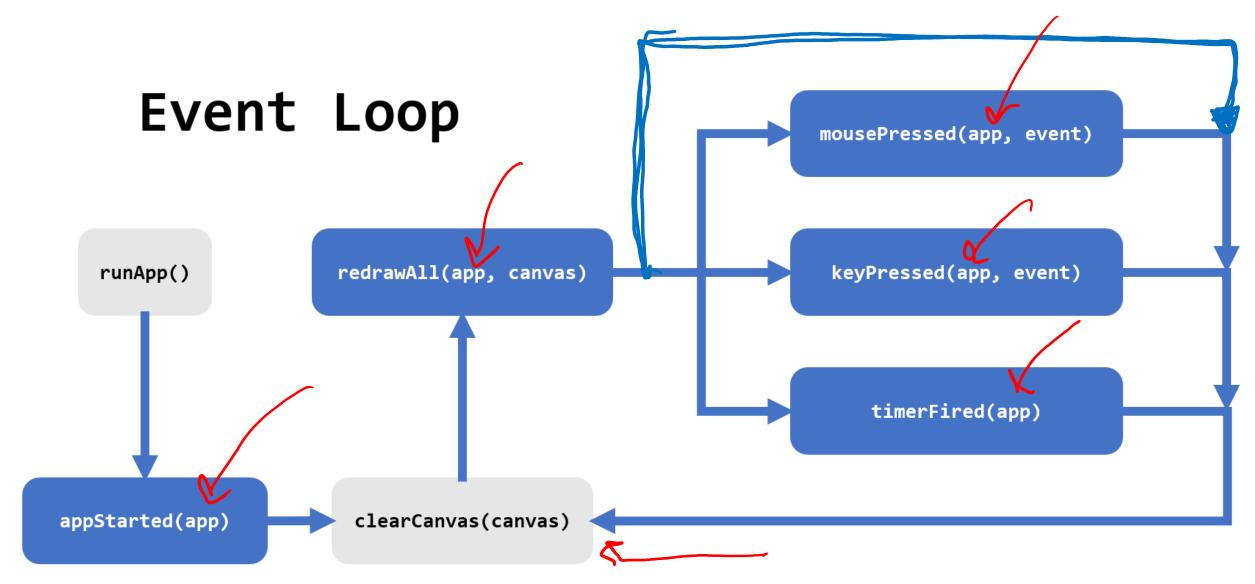
## Word Search Top-down Design



# HW5

# Animations 1: Events and Model-View Controller

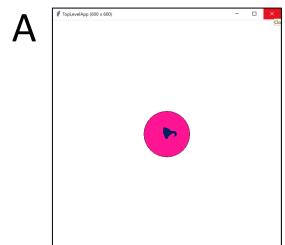


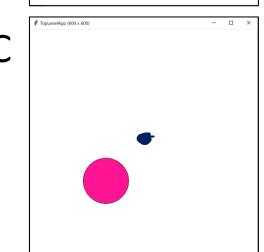


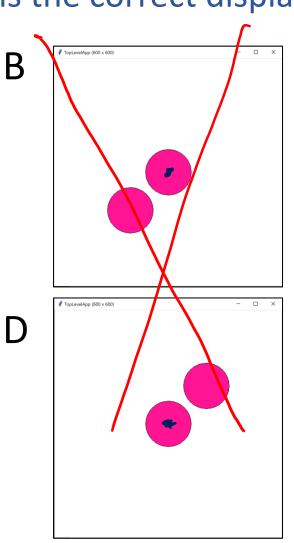
## Poll 4

# After clicking on coordinate x = 200, y = 400,

#### which is the correct display?







```
def appStarted(app):
    pass
def mousePressed(app, event):
    cx = event.x
    cy = event.y
    print(cx, cy)
def redrawAll(app, canvas):
  \int cx = app.width//2
 //cy = app.height//2
    r = 30
    color = 'DeepPink1'
    canvas.create_oval(
        cx-r, cy-r, cx+r, cy+r,
        fill=color)
runApp(width=600, height=600)
```

