

18. Python Graphics: Sunrise Series 2

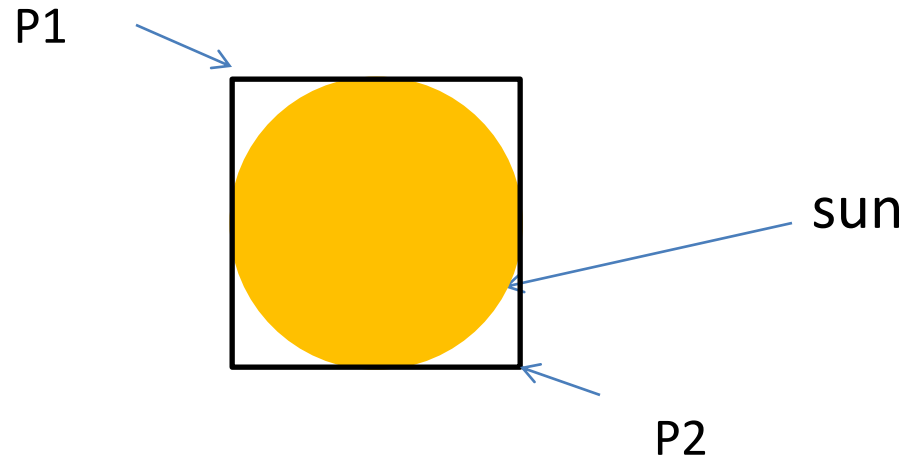
Mr. Neat

Sunrise Series 2

- We want to know where the sun is in the window.
- Package has a method `getP1()` which returns the upperleft corner of your object
- For a Circle object named `sun`, a call to this method looks like: `sun.getP1()`
- This call returns a Point object

getP1() method

sun.getP1()

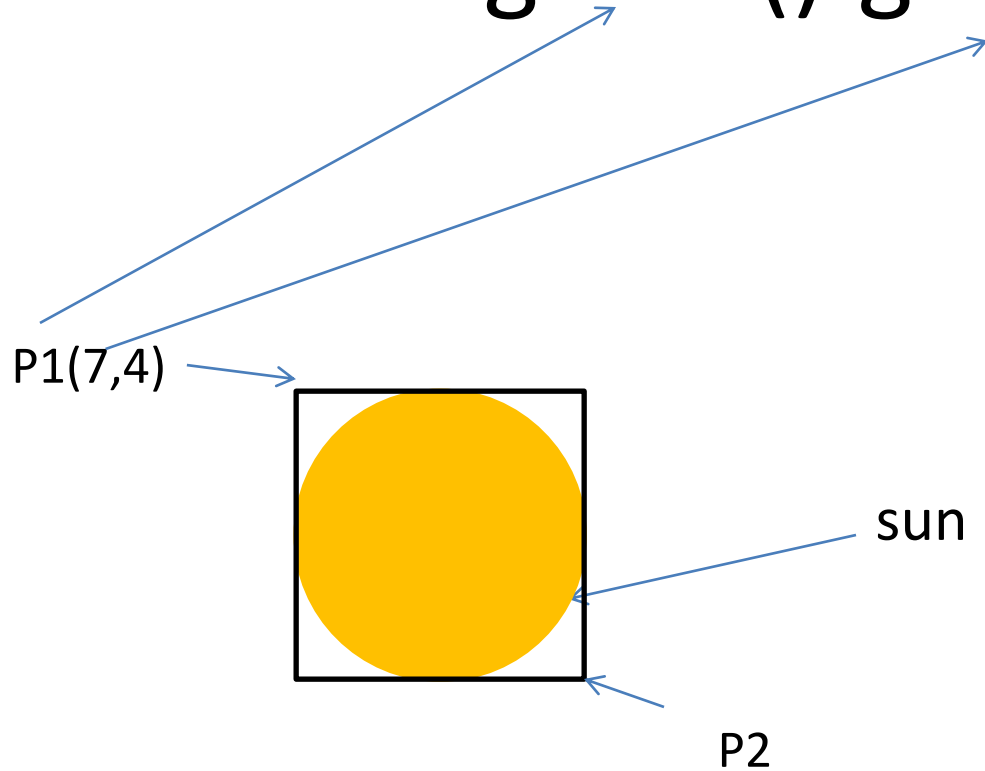


getX(), getY() methods

- We want the X and Y values from the Point object (P1 or P2).
- A Point object is an x,y pair
- P1.getY() gives us the y coordinate of the P1 point
- If P1 = (7,4), we could extract the x value with the following command:
`sun.getP1().getX()`

getP1() method

`sun.getP1().getX() = 7`



Lab 18

- Start with your code from the previous lab (make a copy)
- Add the necessary code to print the Y coordinate of your sun each time the mouse is clicked (and your sun moves).