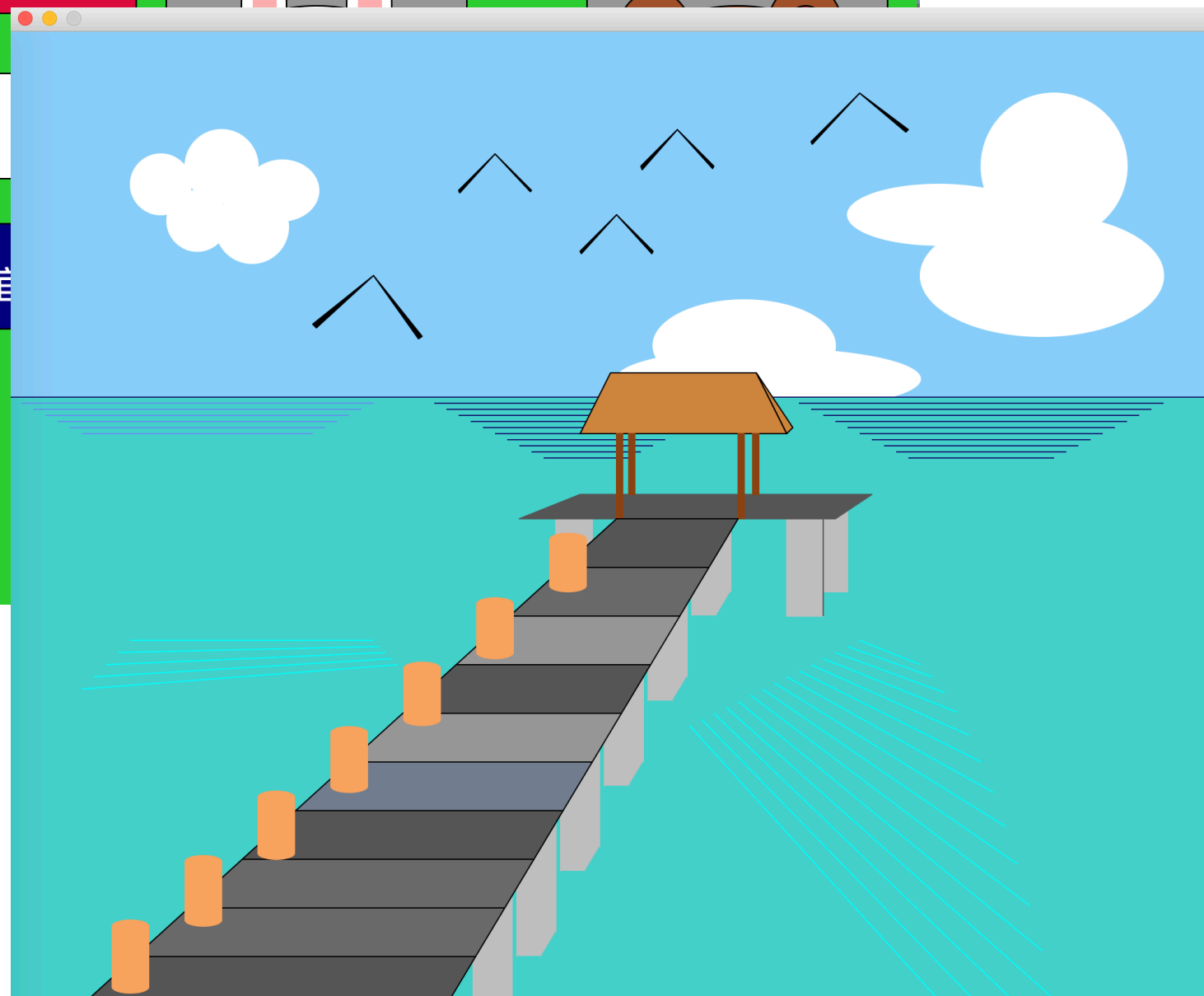
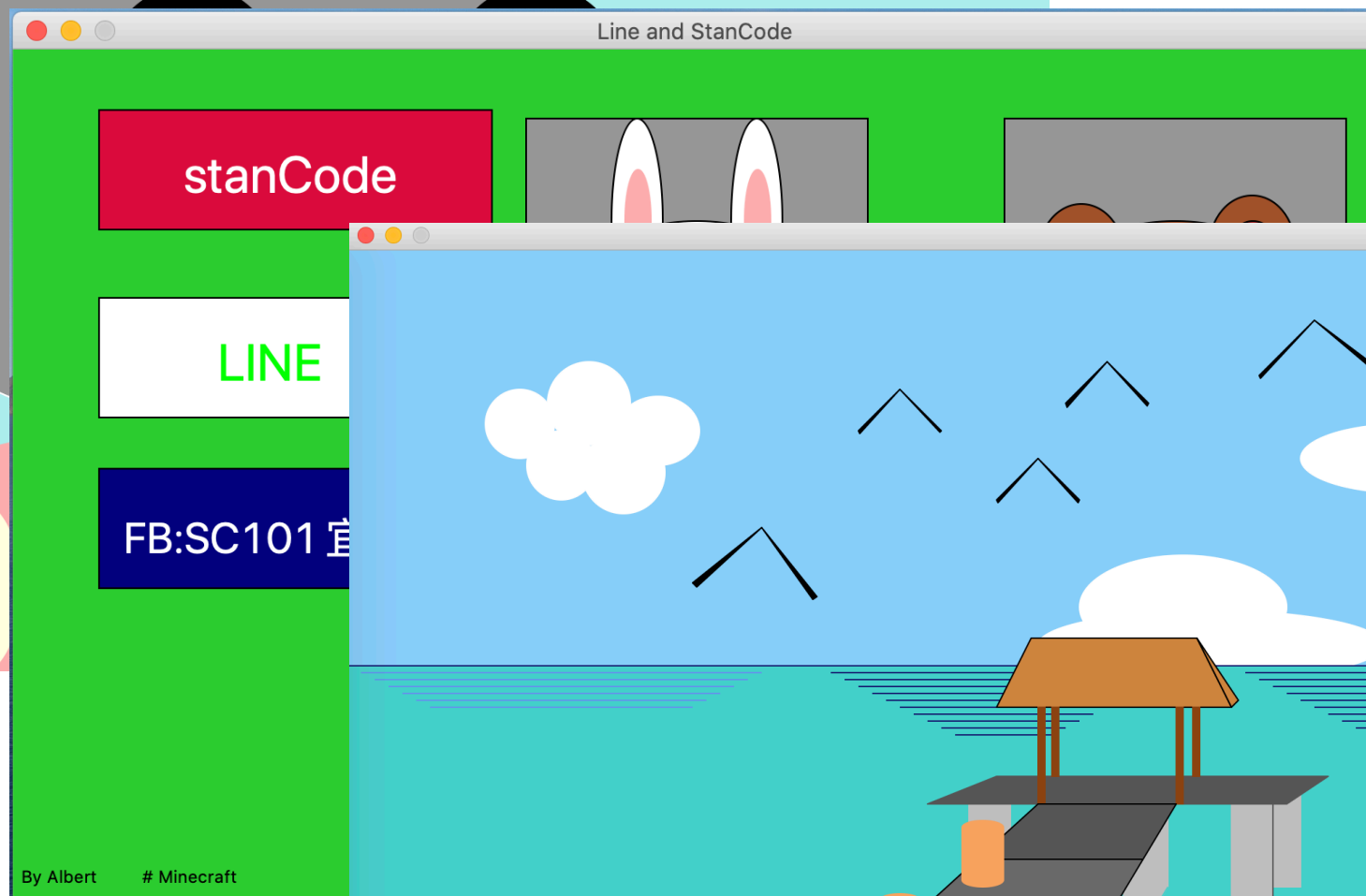
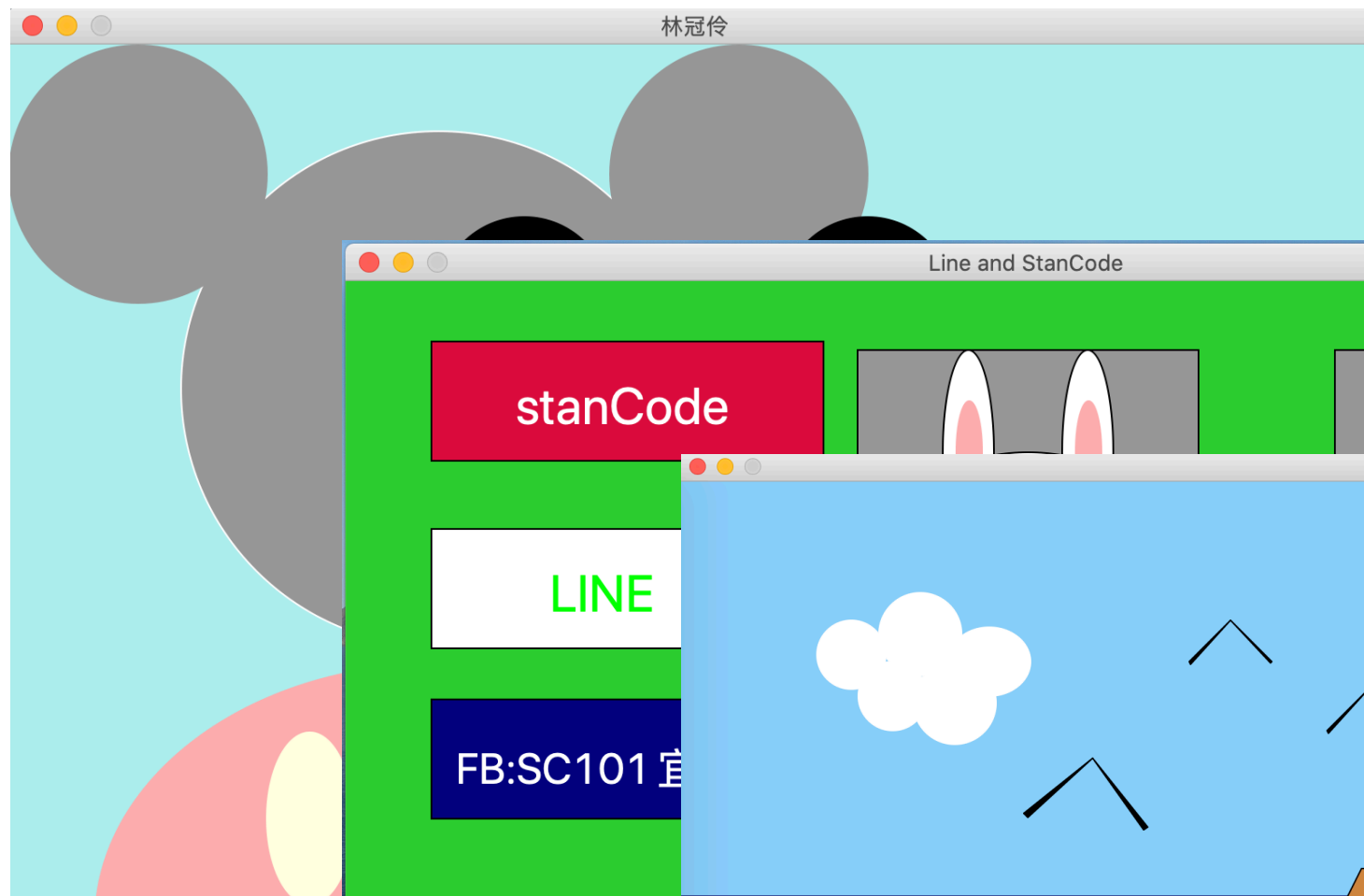


SC101

Lecture 1



```
from campy.graphics.gobjects import G Oval, GRect
```

```
from campy.graphics.gwindow import GWindow
```

```
def main():
```

```
    window = GWindow(width=800, height=500, title='MyFace')
```

```
    face = G Oval(200, 250, x=350, y=200)
```

```
    window.add(face)
```

```
    l_eye = G Oval(50, 50, x=390, y=230)
```

```
    window.add(l_eye)
```

```
    r_eye = G Oval(50, 50, x=450, y=230)
```

```
    window.add(r_eye)
```

```
    mouth = GRect(120, 40, x=390, y=360)
```

```
    window.add(mouth)
```

```
from campy.graphics.gobjects import G Oval, GRect
from campy.graphics.gwindow import GWindow
```

```
def main():
```

```
    window = GWindow(width=800, height=500, title='MyFace')
```

```
    face = G Oval(200, 250, x=350, y=200)
```

```
    window.add(face)
```

```
    l_eye = G Oval(50, 50, x=390, y=230)
```

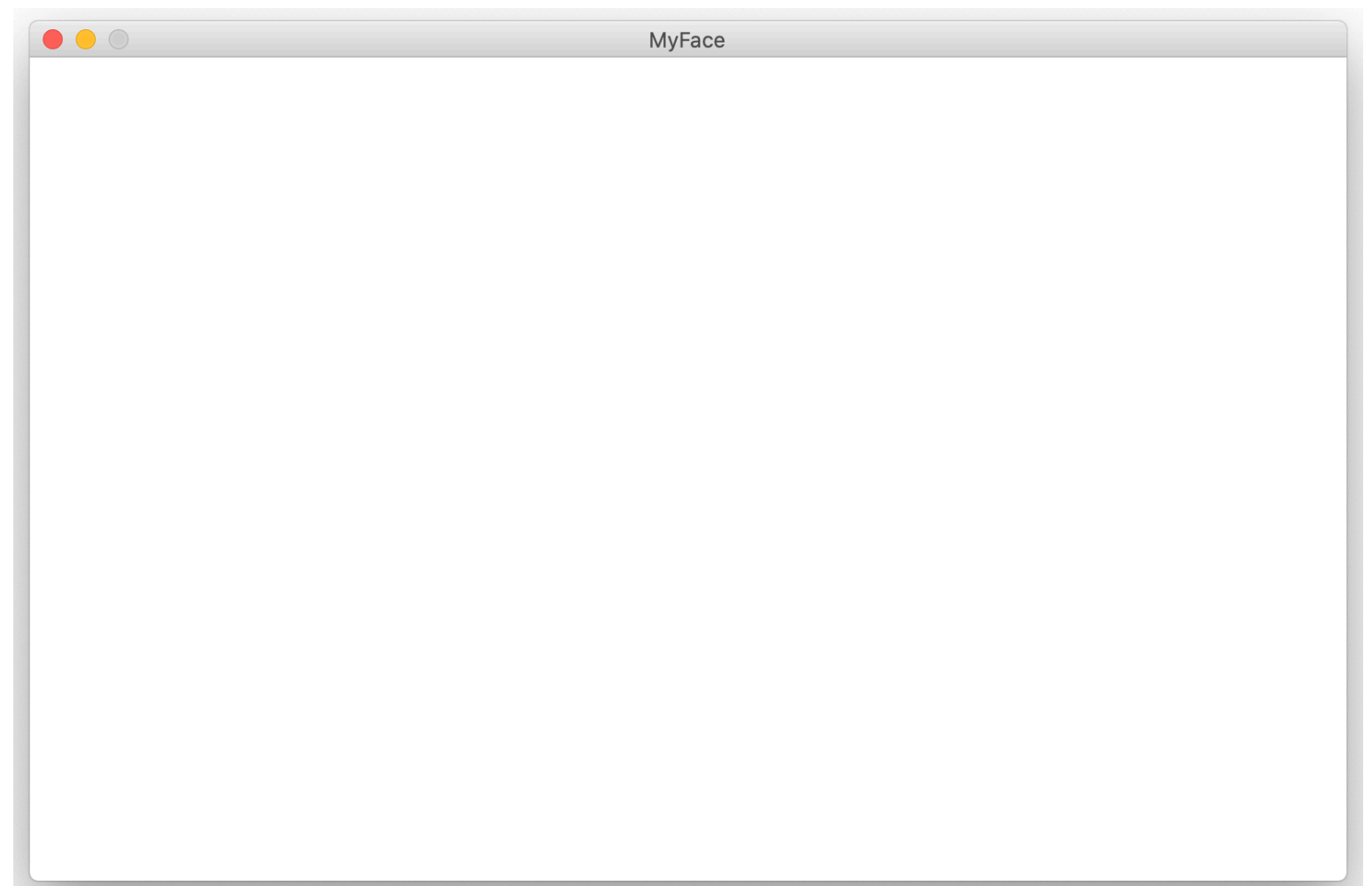
```
    window.add(l_eye)
```

```
    r_eye = G Oval(50, 50, x=450, y=230)
```

```
    window.add(r_eye)
```

```
    mouth = GRect(120, 40, x=390, y=360)
```

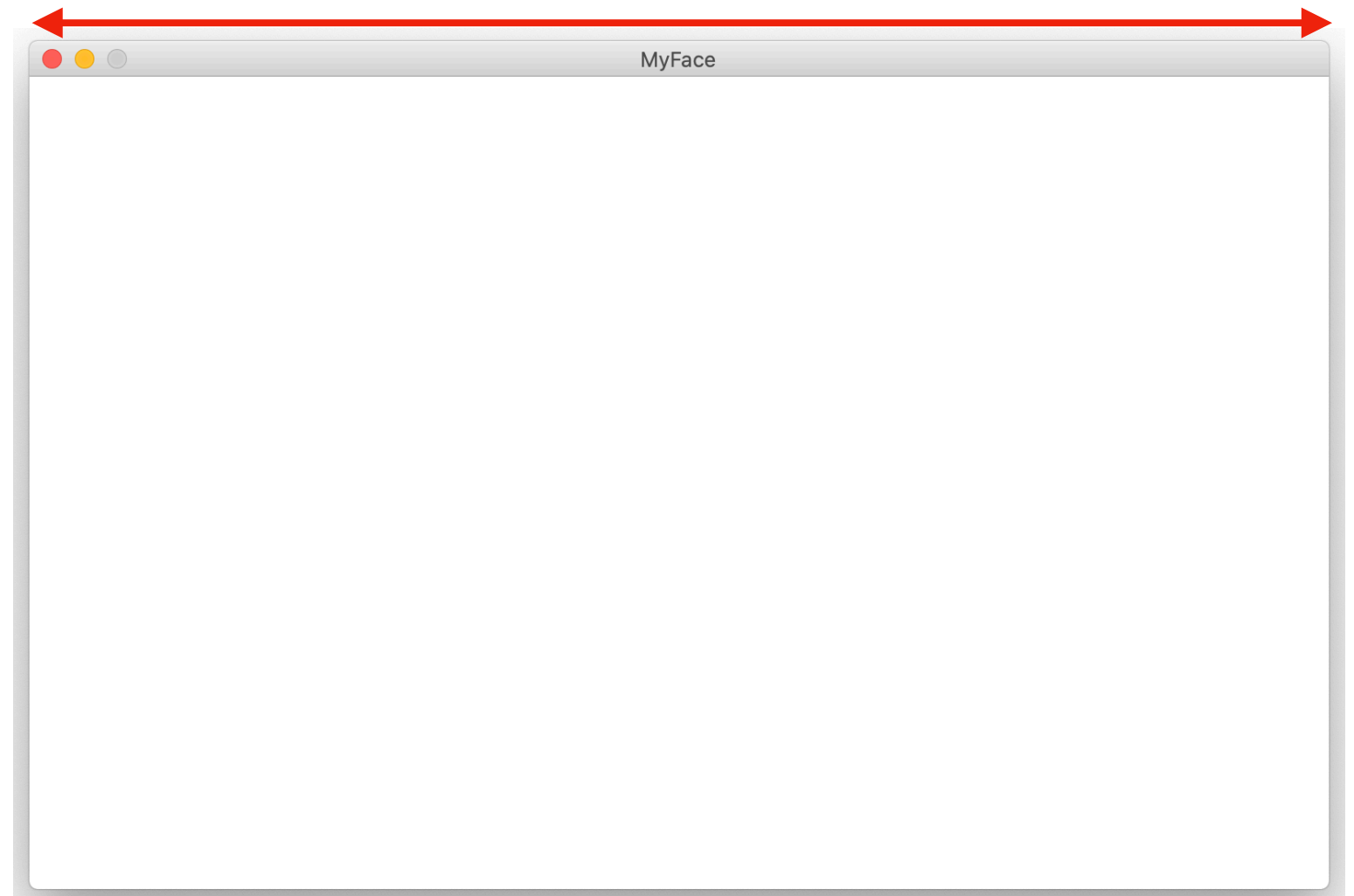
```
    window.add(mouth)
```



```
from campy.graphics.gobjects import G Oval, GRect
from campy.graphics.gwindow import GWindow

def main():
    window = GWindow(width=800, height=500, title='MyFace')
    face = G Oval(200, 250, x=350, y=200)
    window.add(face)
    l_eye = G Oval(50, 50, x=390, y=230)
    window.add(l_eye)
    r_eye = G Oval(50, 50, x=450, y=230)
    window.add(r_eye)
    mouth = GRect(120, 40, x=390, y=360)
    window.add(mouth)
```

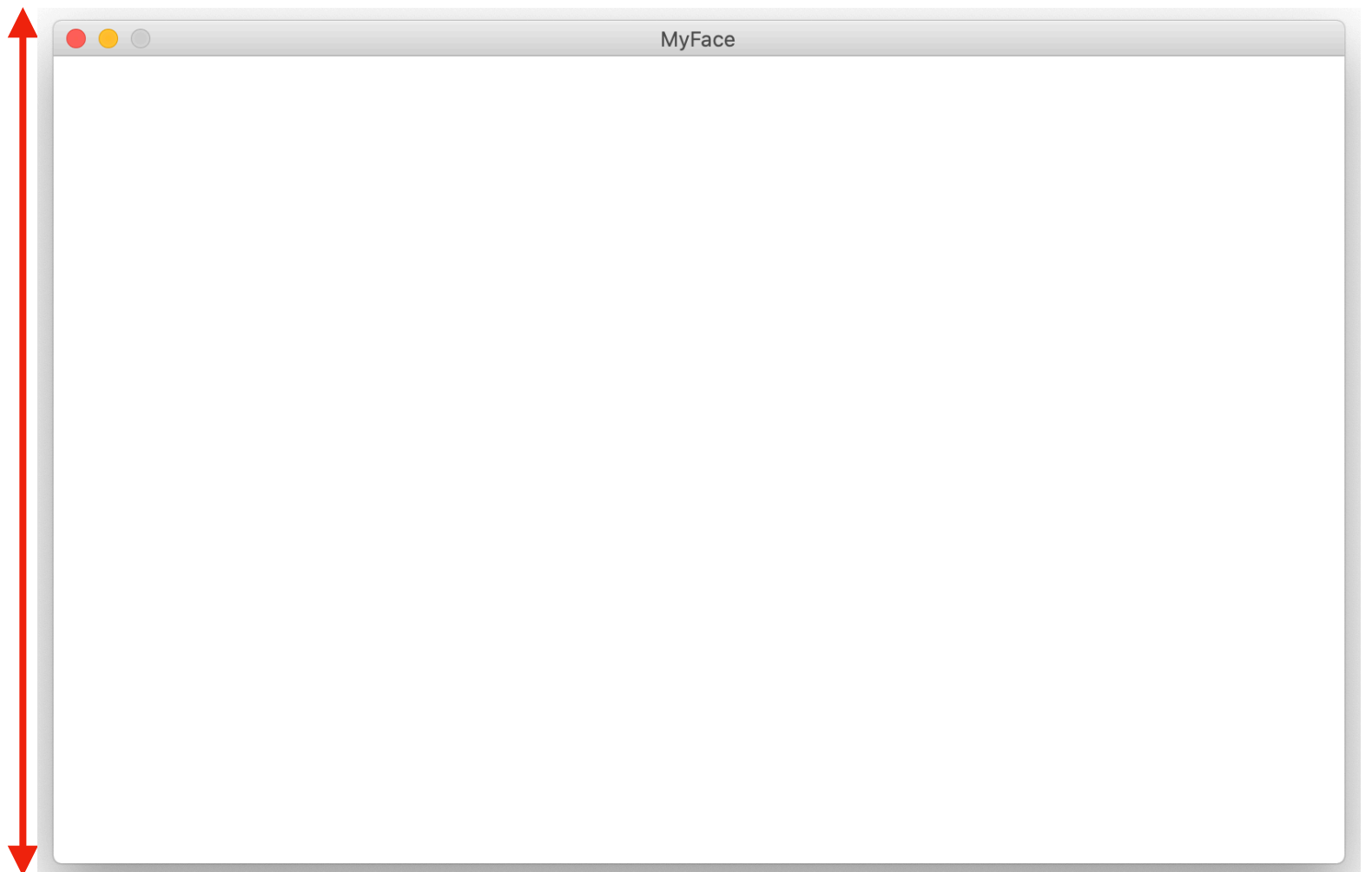
800 pixels



```
from campy.graphics.gobjects import GVal, GRect
from campy.graphics.gwindow import GWindow

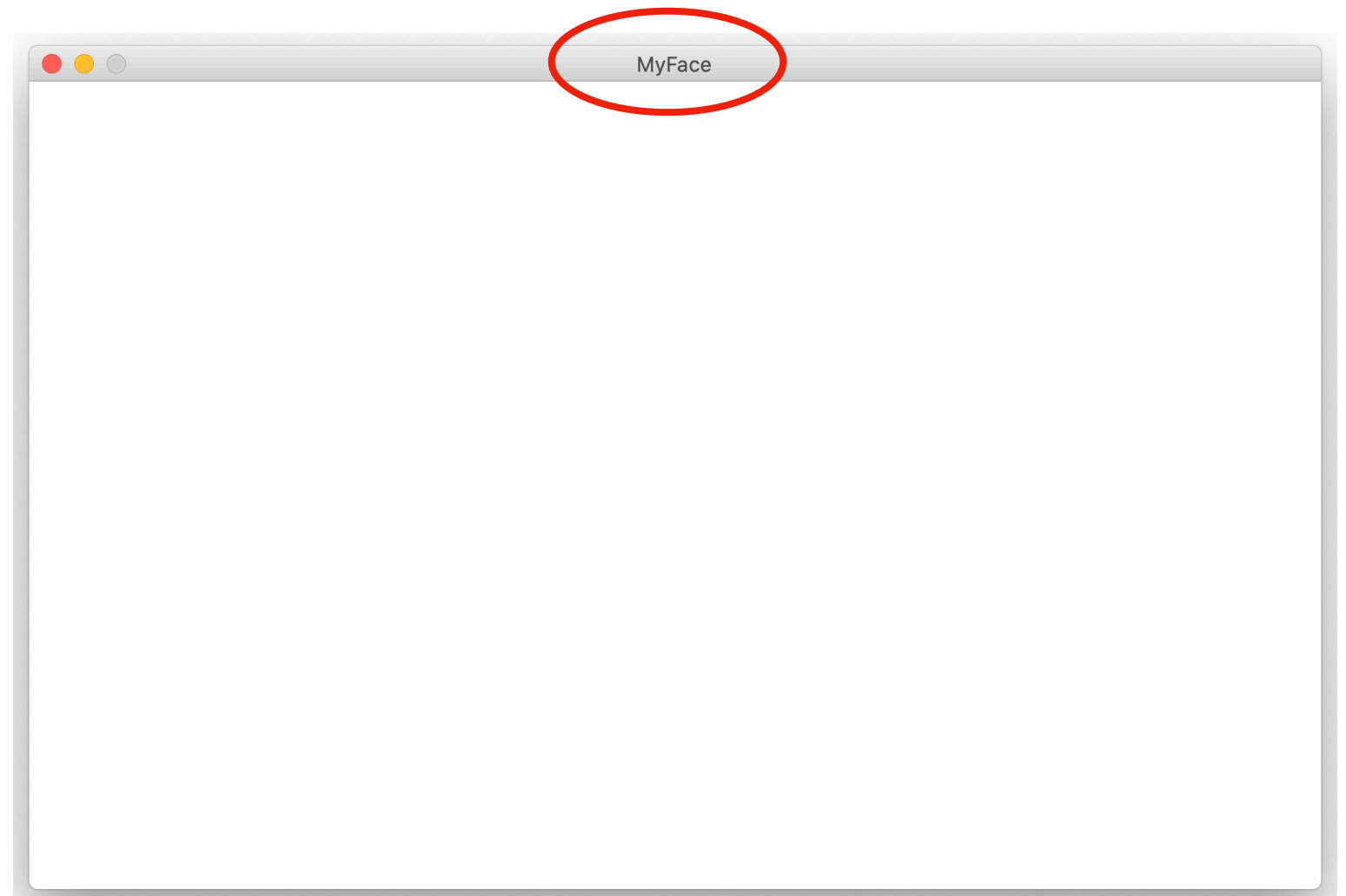
def main():
    window = GWindow(width=800, height=500, title='MyFace')
    face = GVal(200, 250, x=350, y=200)
    window.add(face)
    l_eye = GVal(50, 50, x=390, y=230)
    window.add(l_eye)
    r_eye = GVal(50, 50, x=450, y=230)
    window.add(r_eye)
    mouth = GRect(120, 40, x=390, y=360)
    window.add(mouth)
```

500 pixels



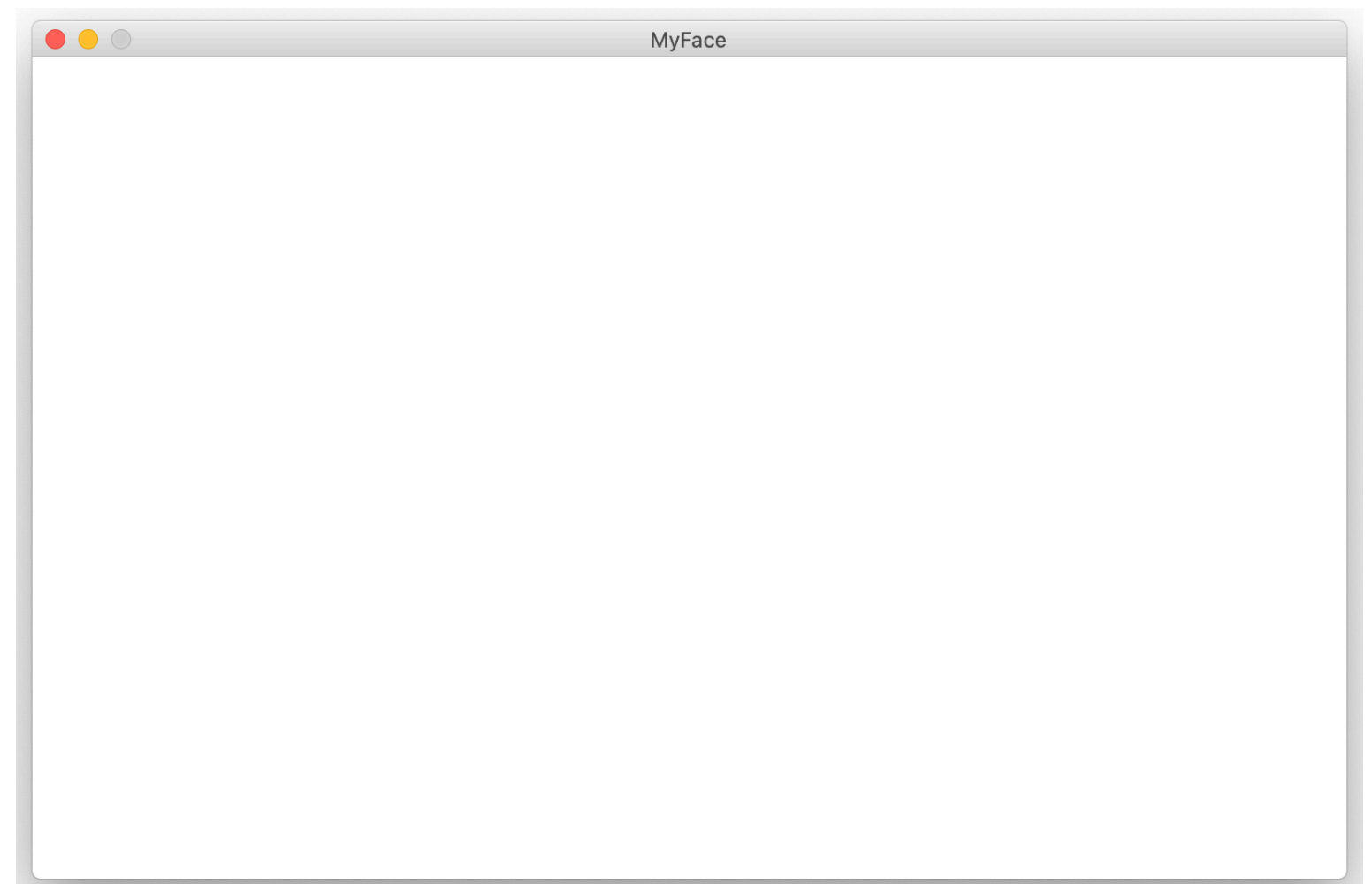
```
from campy.graphics.gobjects import G Oval, GRect
from campy.graphics.gwindow import GWindow

def main():
    window = GWindow(width=800, height=500, title='MyFace')
    face = G Oval(200, 250, x=350, y=200)
    window.add(face)
    l_eye = G Oval(50, 50, x=390, y=230)
    window.add(l_eye)
    r_eye = G Oval(50, 50, x=450, y=230)
    window.add(r_eye)
    mouth = GRect(120, 40, x=390, y=360)
    window.add(mouth)
```



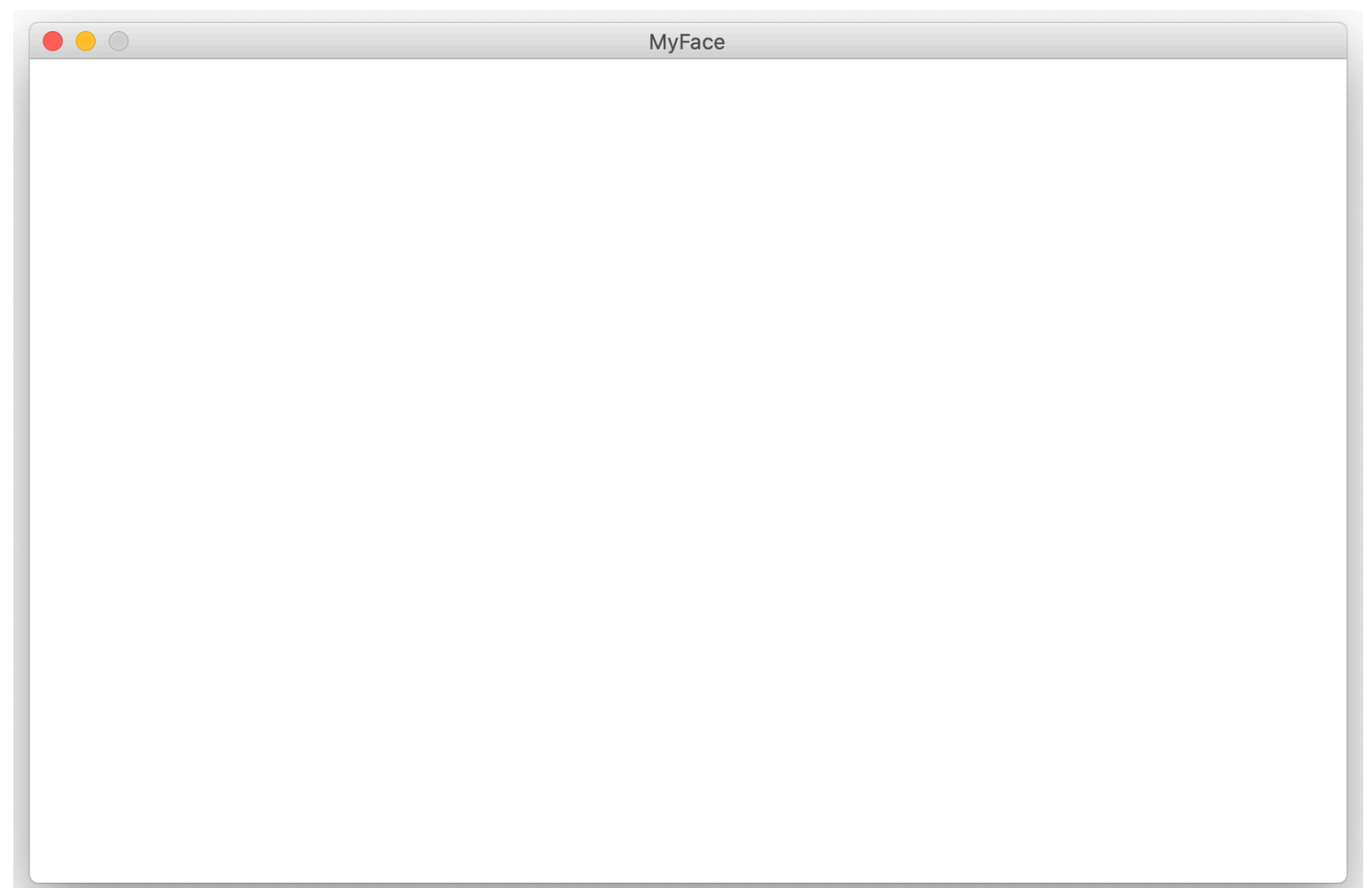
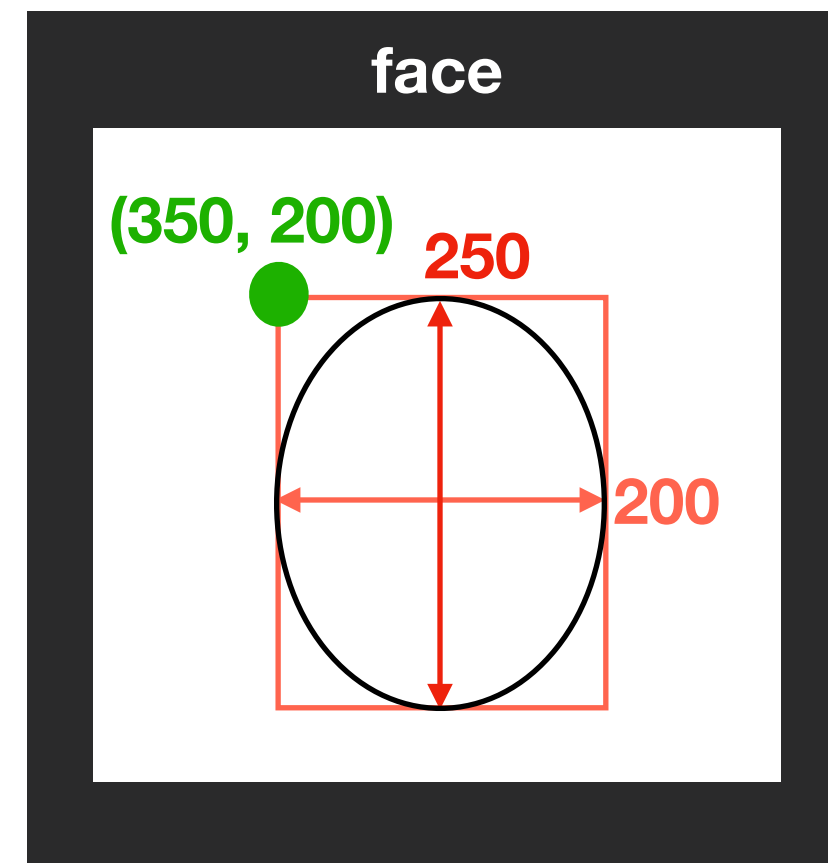
```
from campy.graphics.gobjects import G Oval, GRect
from campy.graphics.gwindow import GWindow
```

```
def main():
    window = GWindow(width=800, height=500, title='MyFace')
    face = G Oval(200, 250, x=350, y=200)
    window.add(face)
    l_eye = G Oval(50, 50, x=390, y=230)
    window.add(l_eye)
    r_eye = G Oval(50, 50, x=450, y=230)
    window.add(r_eye)
    mouth = GRect(120, 40, x=390, y=360)
    window.add(mouth)
```



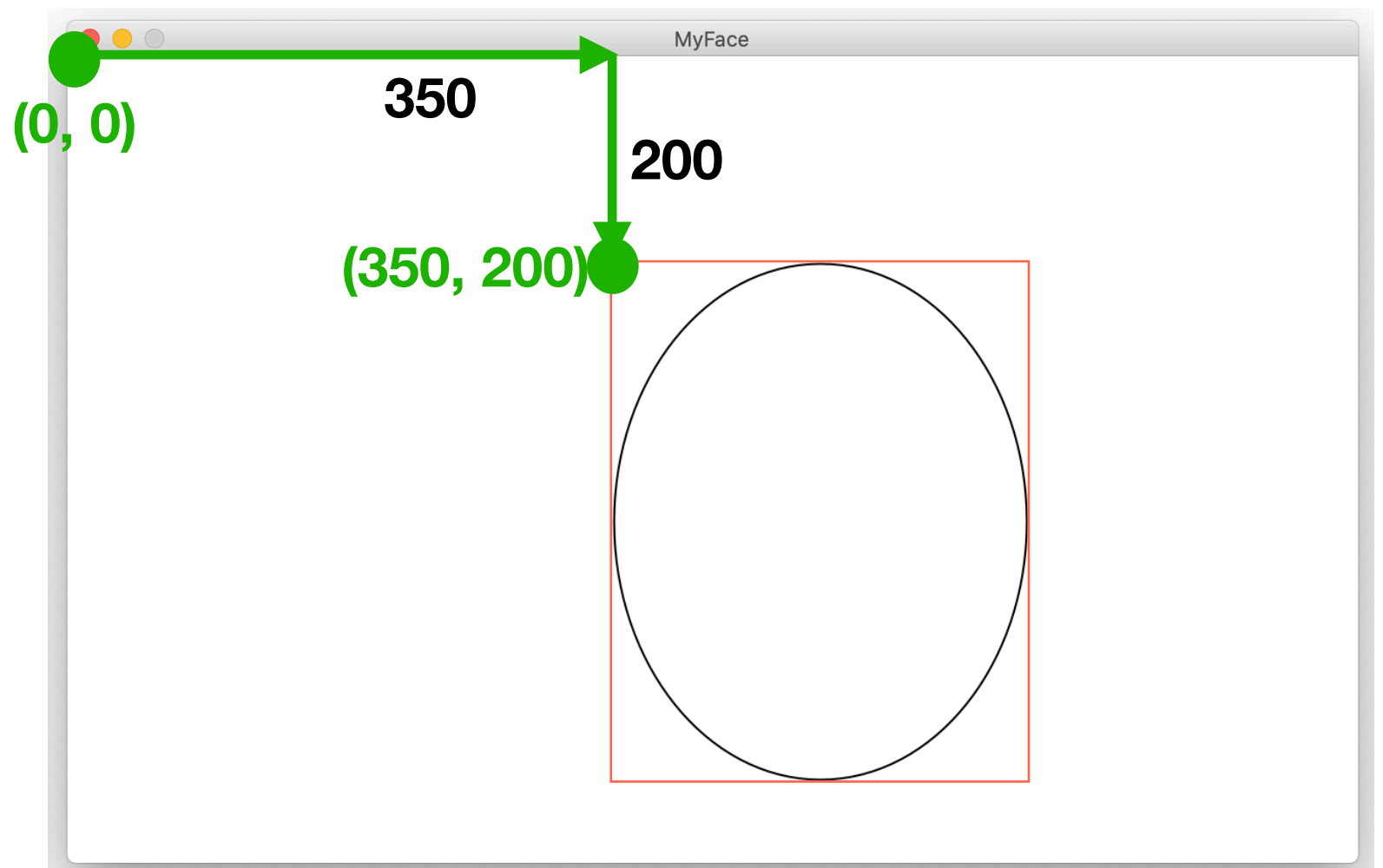
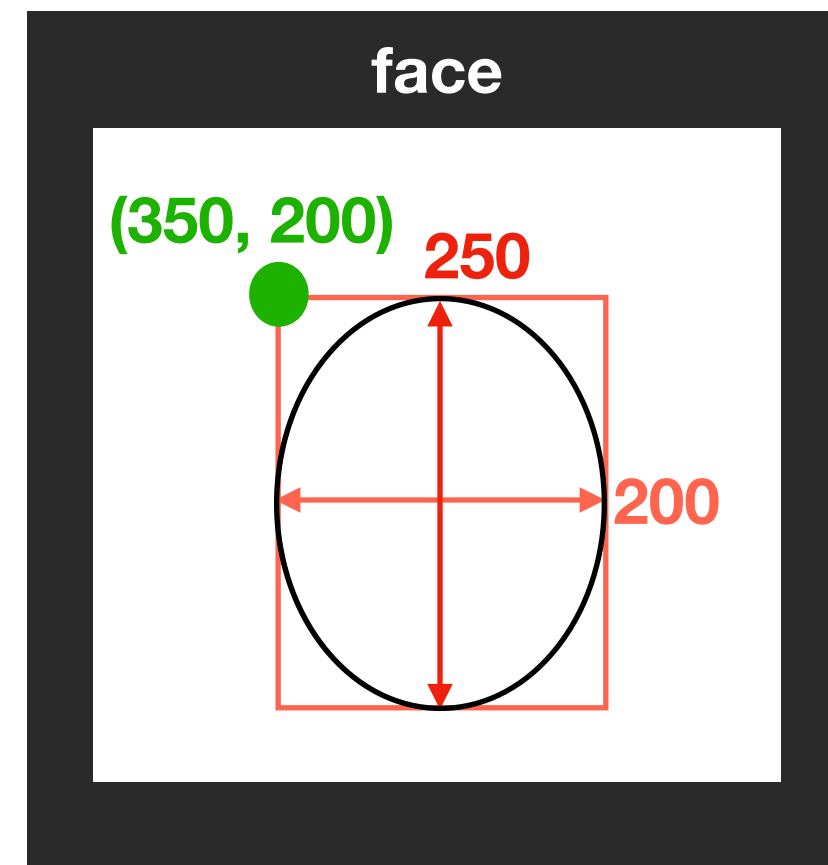

```
from campy.graphics.gobjects import Goval, GRect
from campy.graphics.gwindow import GWindow

def main():
    window = GWindow(width=800, height=500, title='MyFace')
    face = Goval(200, 250, x=350, y=200)
    window.add(face)
    l_eye = Goval(50, 50, x=390, y=230)
    window.add(l_eye)
    r_eye = Goval(50, 50, x=450, y=230)
    window.add(r_eye)
    mouth = GRect(120, 40, x=390, y=360)
    window.add(mouth)
```



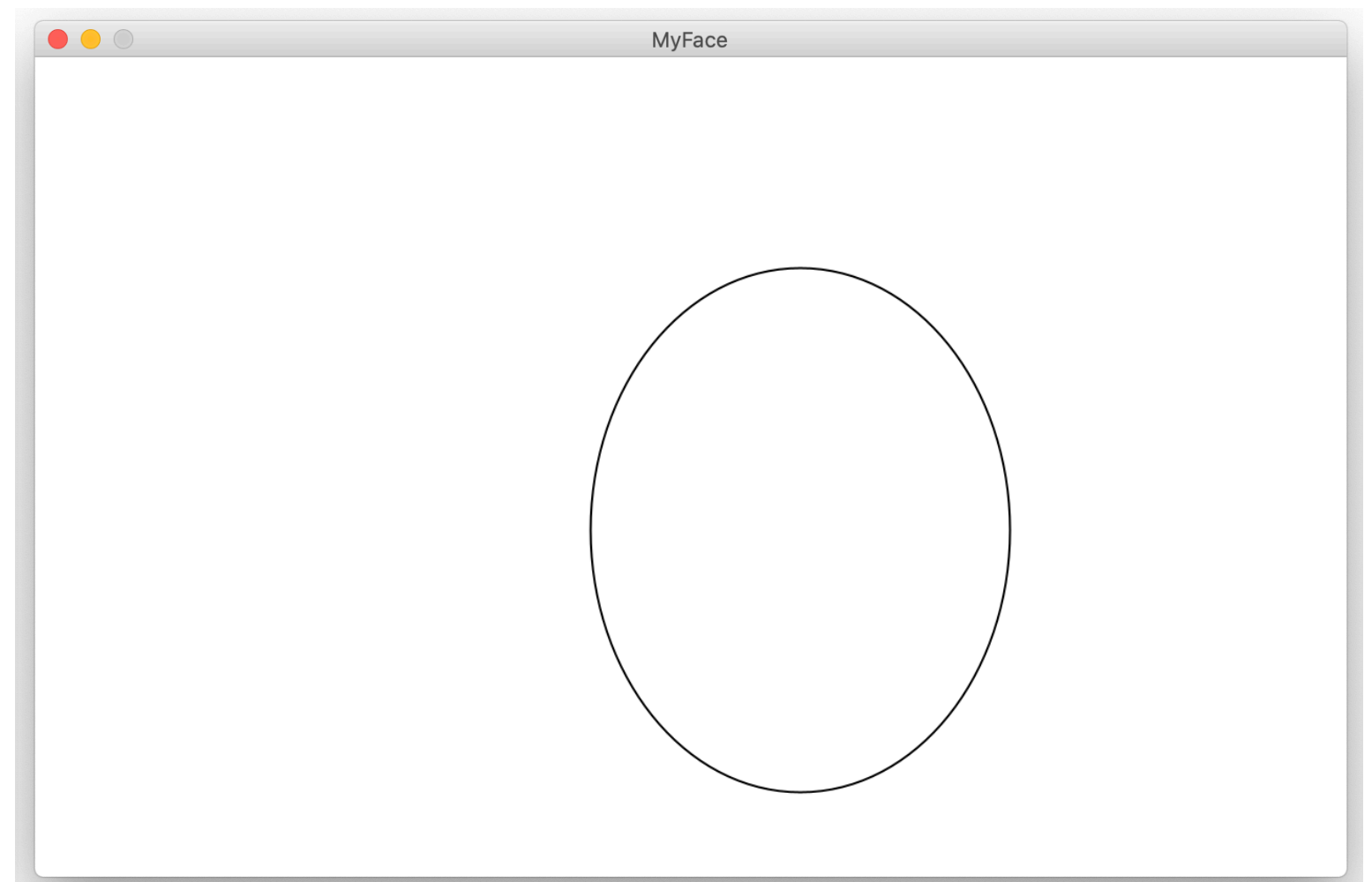
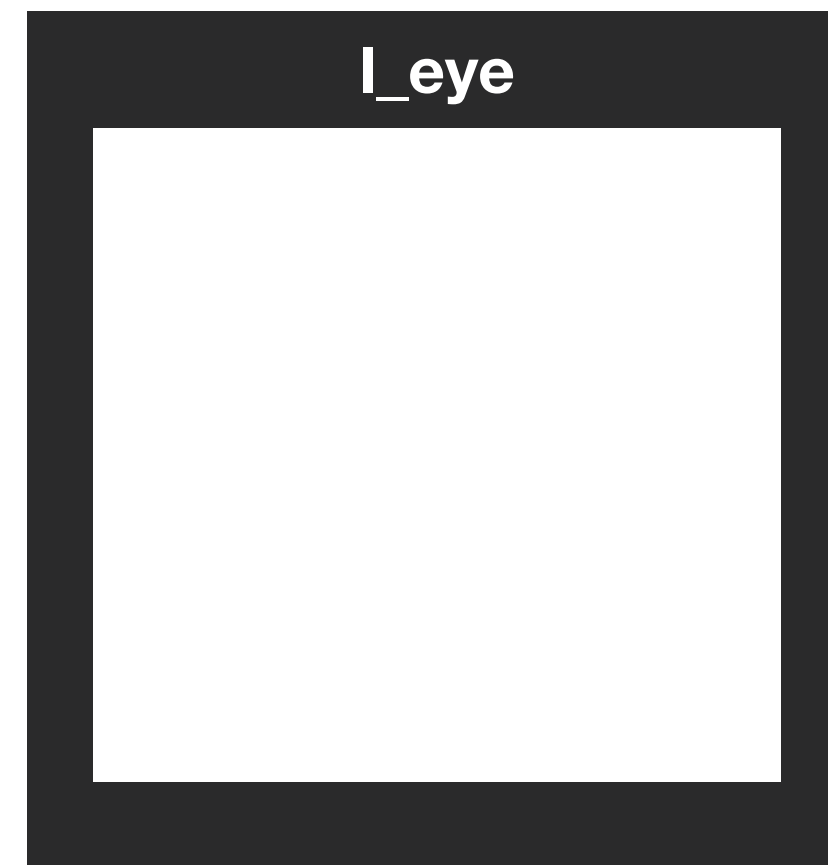
```
from campy.graphics.gobjects import G Oval, GRect
from campy.graphics.gwindow import GWindow
```

```
def main():
    window = GWindow(width=800, height=500, title='MyFace')
    face = G Oval(200, 250, x=350, y=200)
    window.add(face)
    l_eye = G Oval(50, 50, x=390, y=230)
    window.add(l_eye)
    r_eye = G Oval(50, 50, x=450, y=230)
    window.add(r_eye)
    mouth = GRect(120, 40, x=390, y=360)
    window.add(mouth)
```



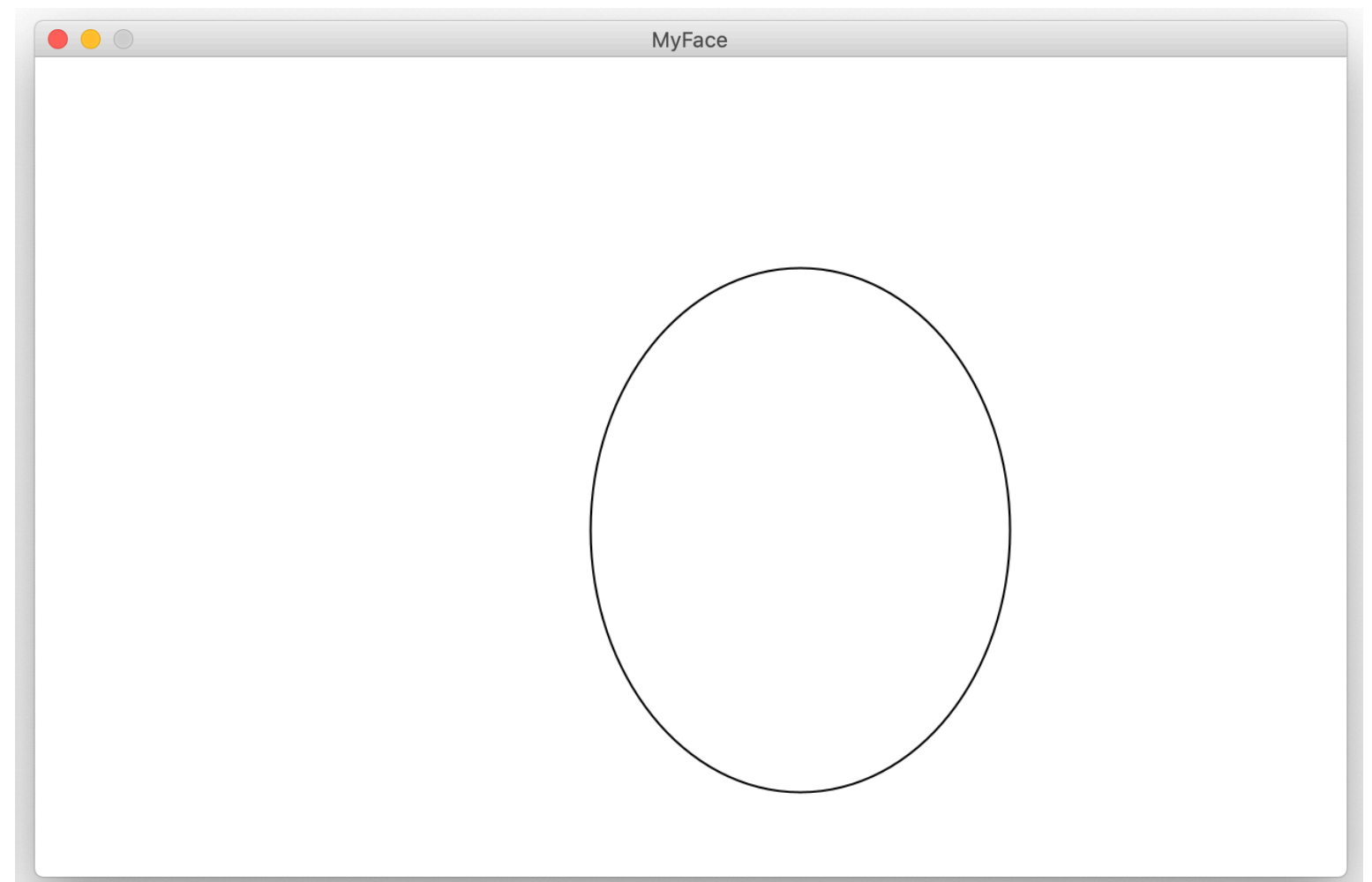
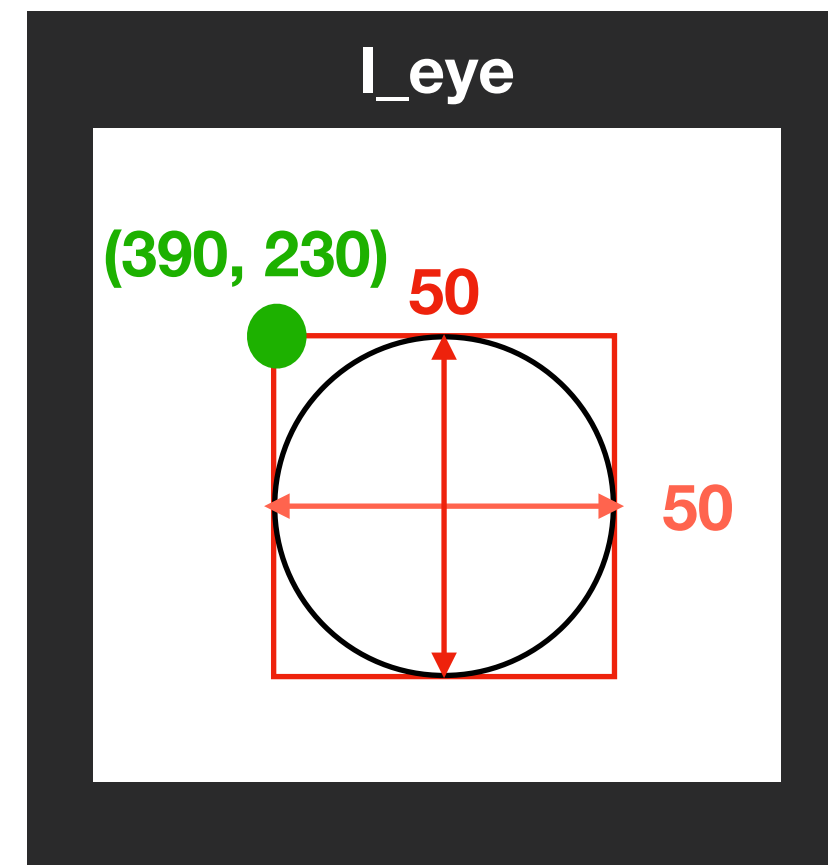
```
from campy.graphics.gobjects import G Oval, GRect
from campy.graphics.gwindow import GWindow
```

```
def main():
    window = GWindow(width=800, height=500, title='MyFace')
    face = G Oval(200, 250, x=350, y=200)
    window.add(face)
    l_eye = G Oval(50, 50, x=390, y=230)
    window.add(l_eye)
    r_eye = G Oval(50, 50, x=450, y=230)
    window.add(r_eye)
    mouth = GRect(120, 40, x=390, y=360)
    window.add(mouth)
```



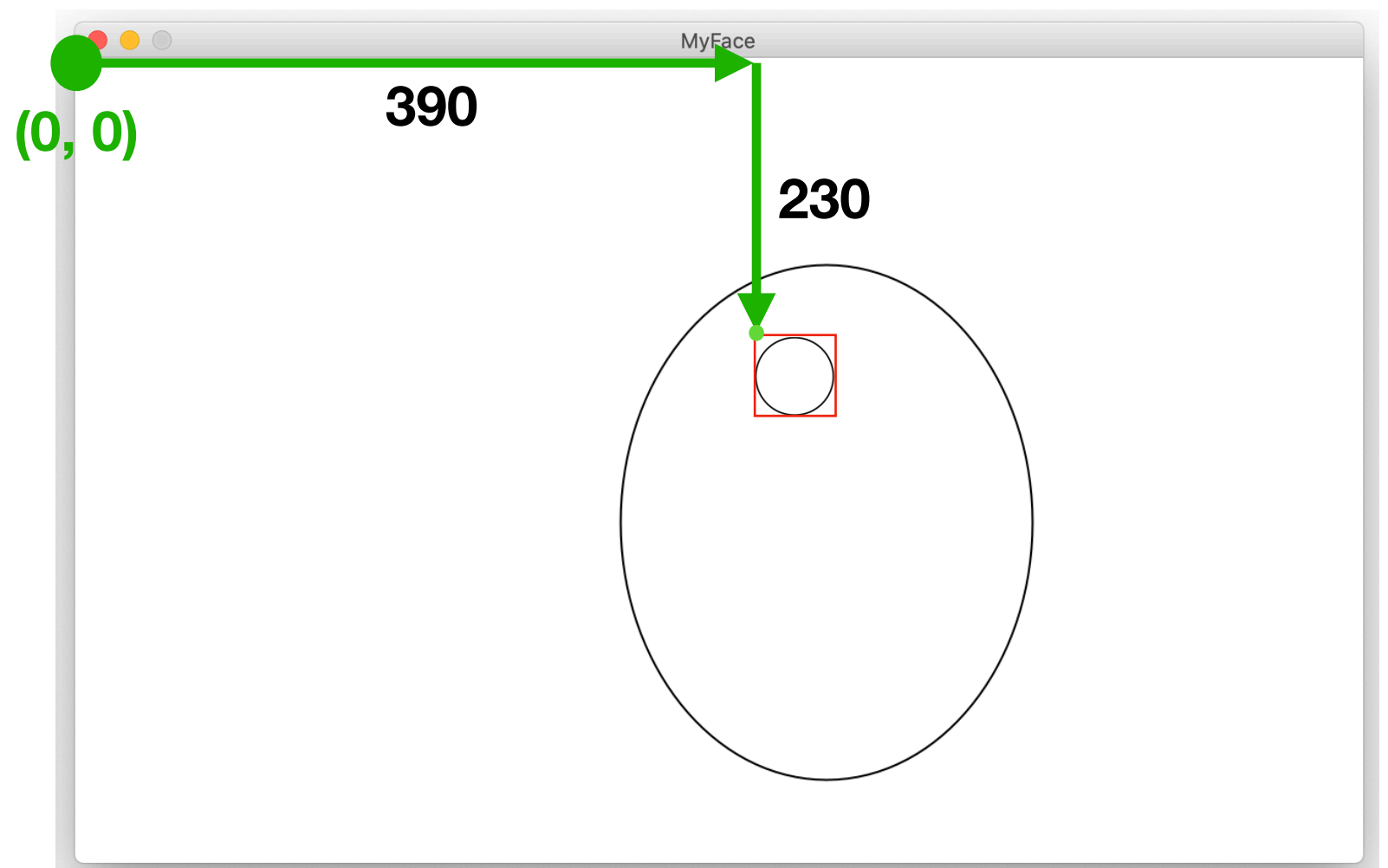
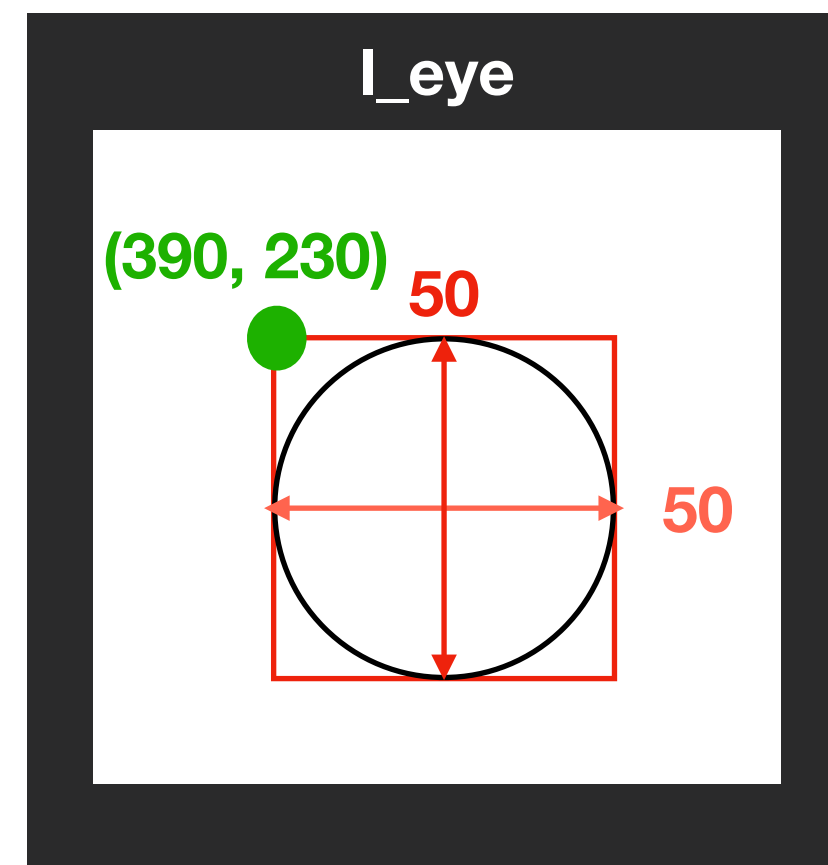
```
from campy.graphics.gobjects import G Oval, GRect
from campy.graphics.gwindow import GWindow
```

```
def main():
    window = GWindow(width=800, height=500, title='MyFace')
    face = G Oval(200, 250, x=350, y=200)
    window.add(face)
    l_eye = G Oval(50, 50, x=390, y=230)
    window.add(l_eye)
    r_eye = G Oval(50, 50, x=450, y=230)
    window.add(r_eye)
    mouth = GRect(120, 40, x=390, y=360)
    window.add(mouth)
```



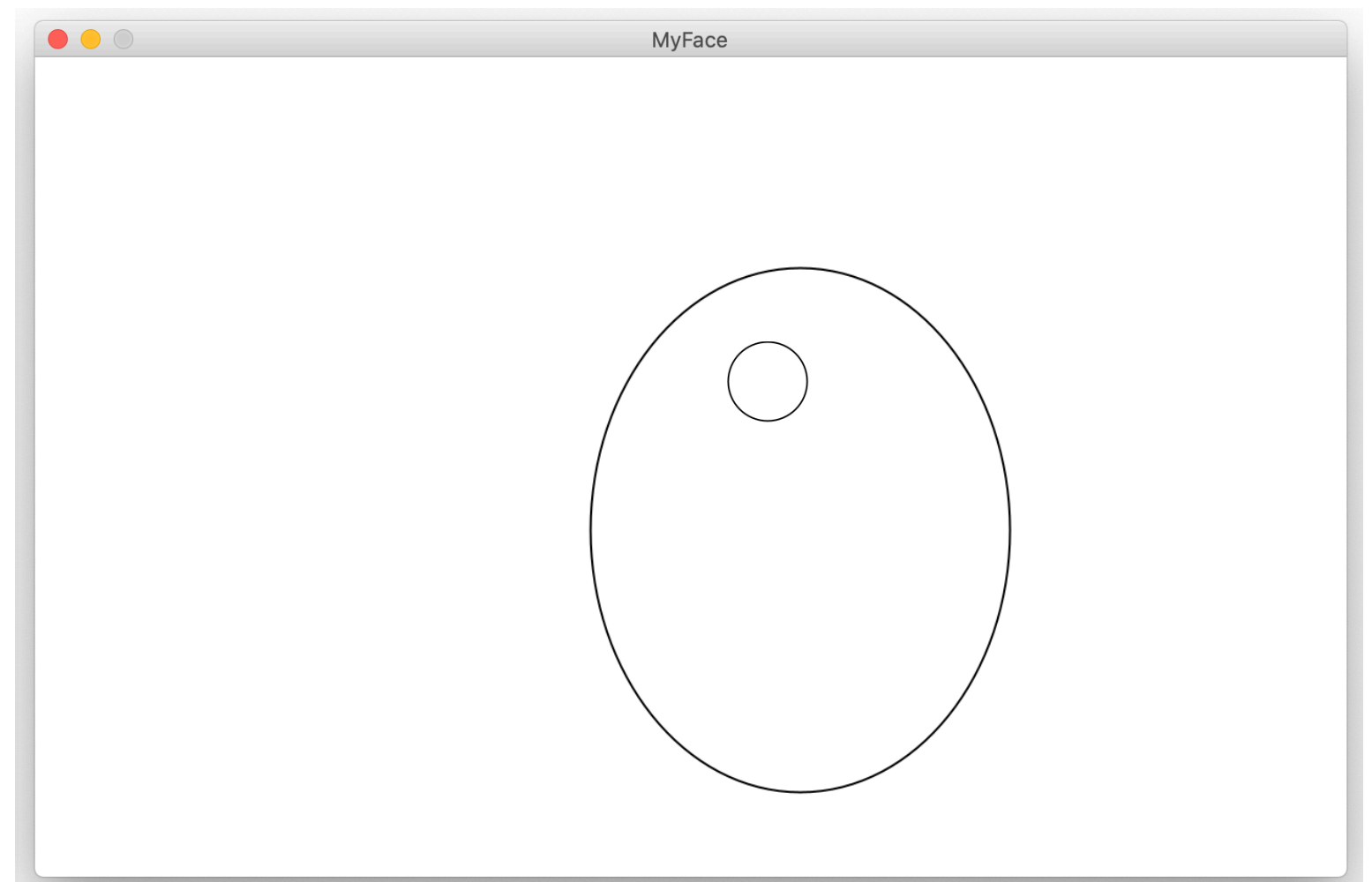
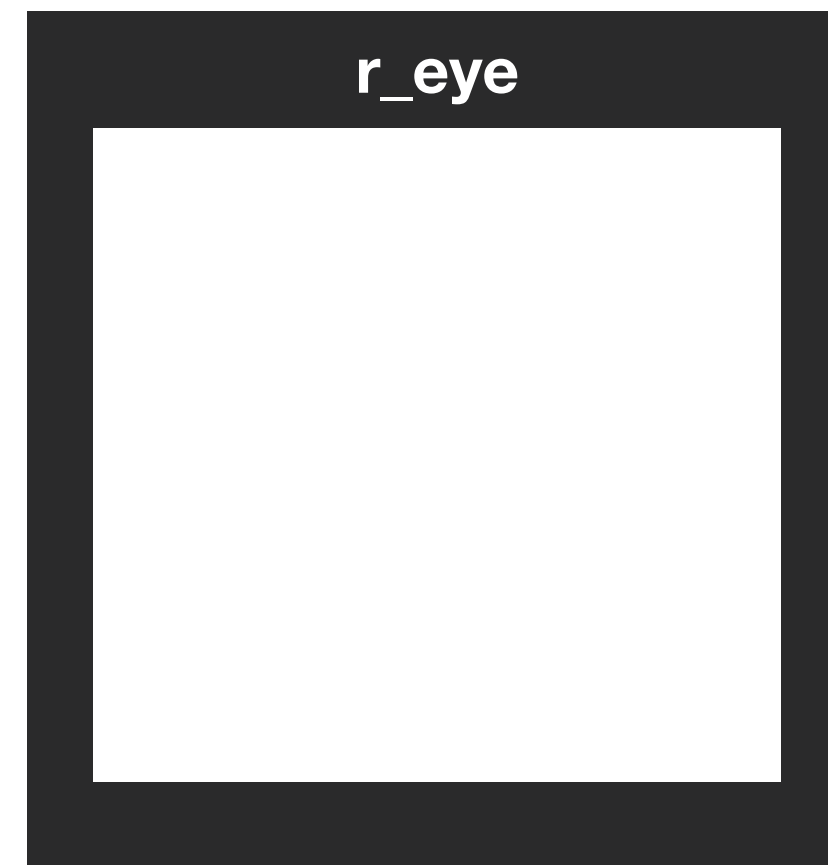
```
from campy.graphics.gobjects import G Oval, GRect
from campy.graphics.gwindow import GWindow
```

```
def main():
    window = GWindow(width=800, height=500, title='MyFace')
    face = G Oval(200, 250, x=350, y=200)
    window.add(face)
    l_eye = G Oval(50, 50, x=390, y=230)
    window.add(l_eye)
    r_eye = G Oval(50, 50, x=450, y=230)
    window.add(r_eye)
    mouth = GRect(120, 40, x=390, y=360)
    window.add(mouth)
```



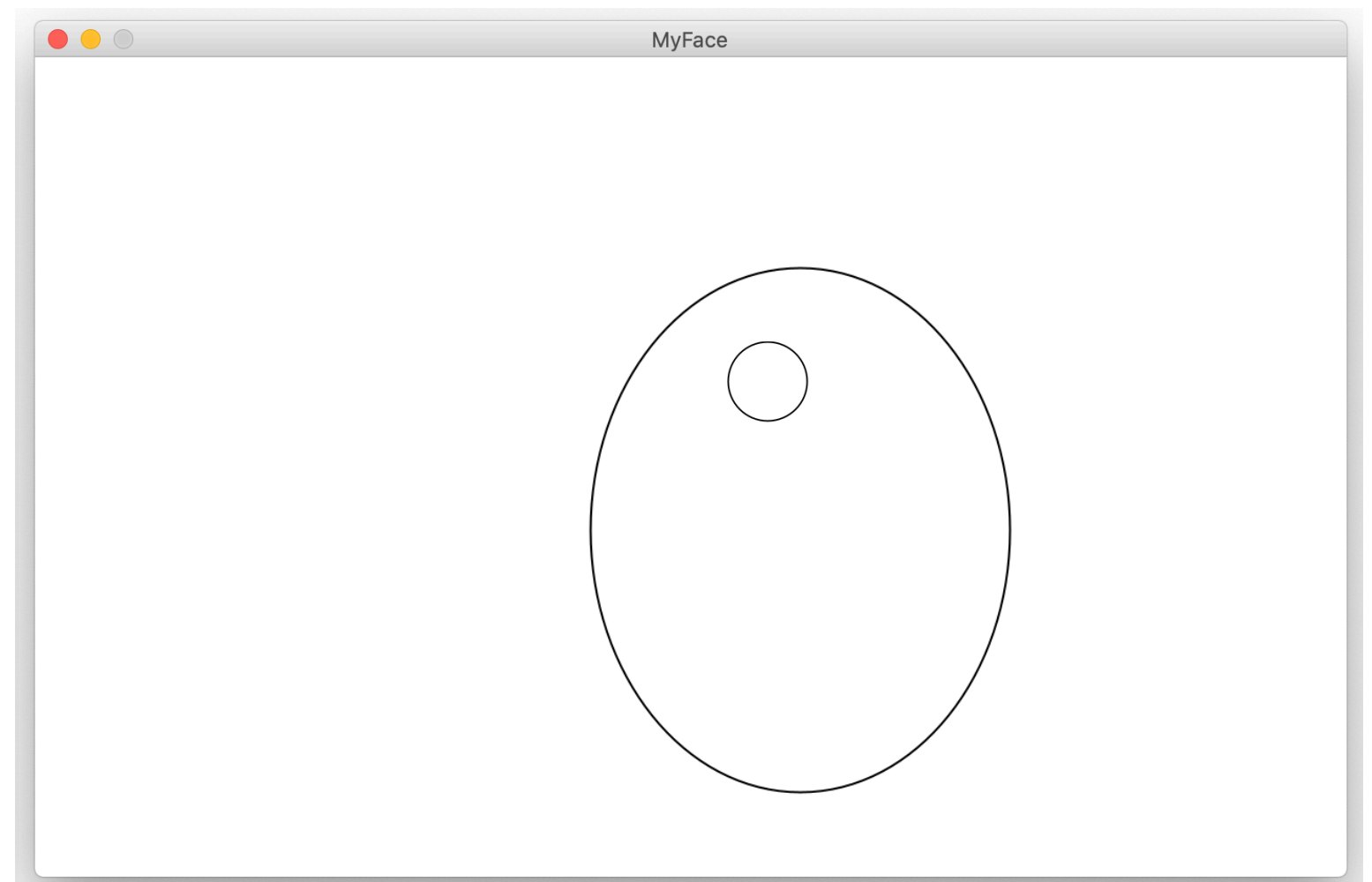
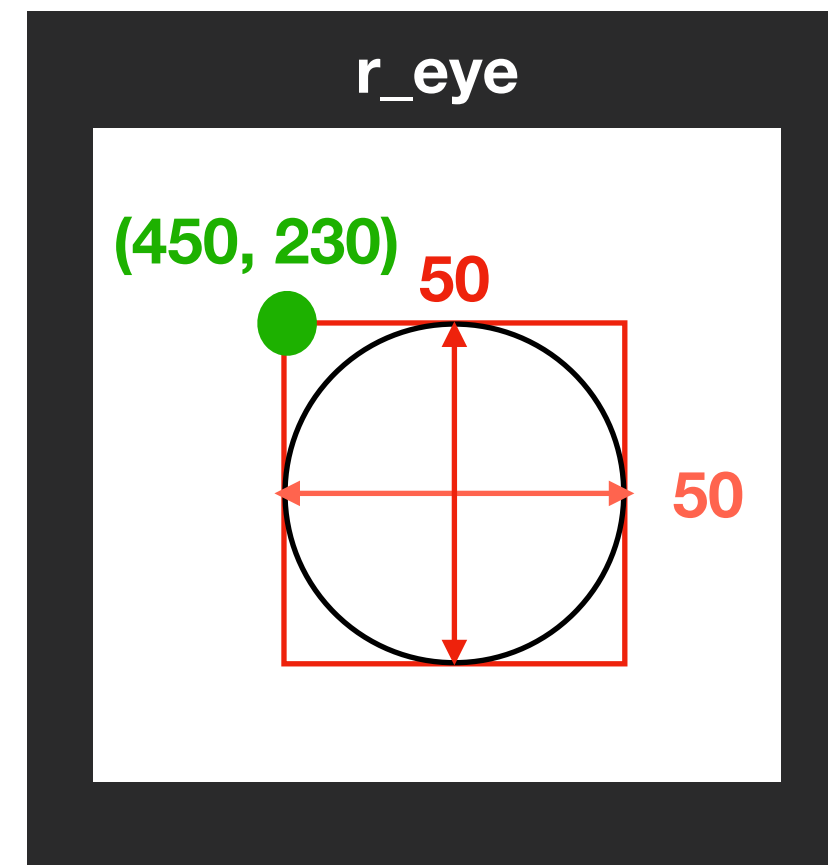
```
from campy.graphics.gobjects import G Oval, GRect
from campy.graphics.gwindow import GWindow
```

```
def main():
    window = GWindow(width=800, height=500, title='MyFace')
    face = G Oval(200, 250, x=350, y=200)
    window.add(face)
    l_eye = G Oval(50, 50, x=390, y=230)
    window.add(l_eye)
    r_eye = G Oval(50, 50, x=450, y=230)
    window.add(r_eye)
    mouth = GRect(120, 40, x=390, y=360)
    window.add(mouth)
```



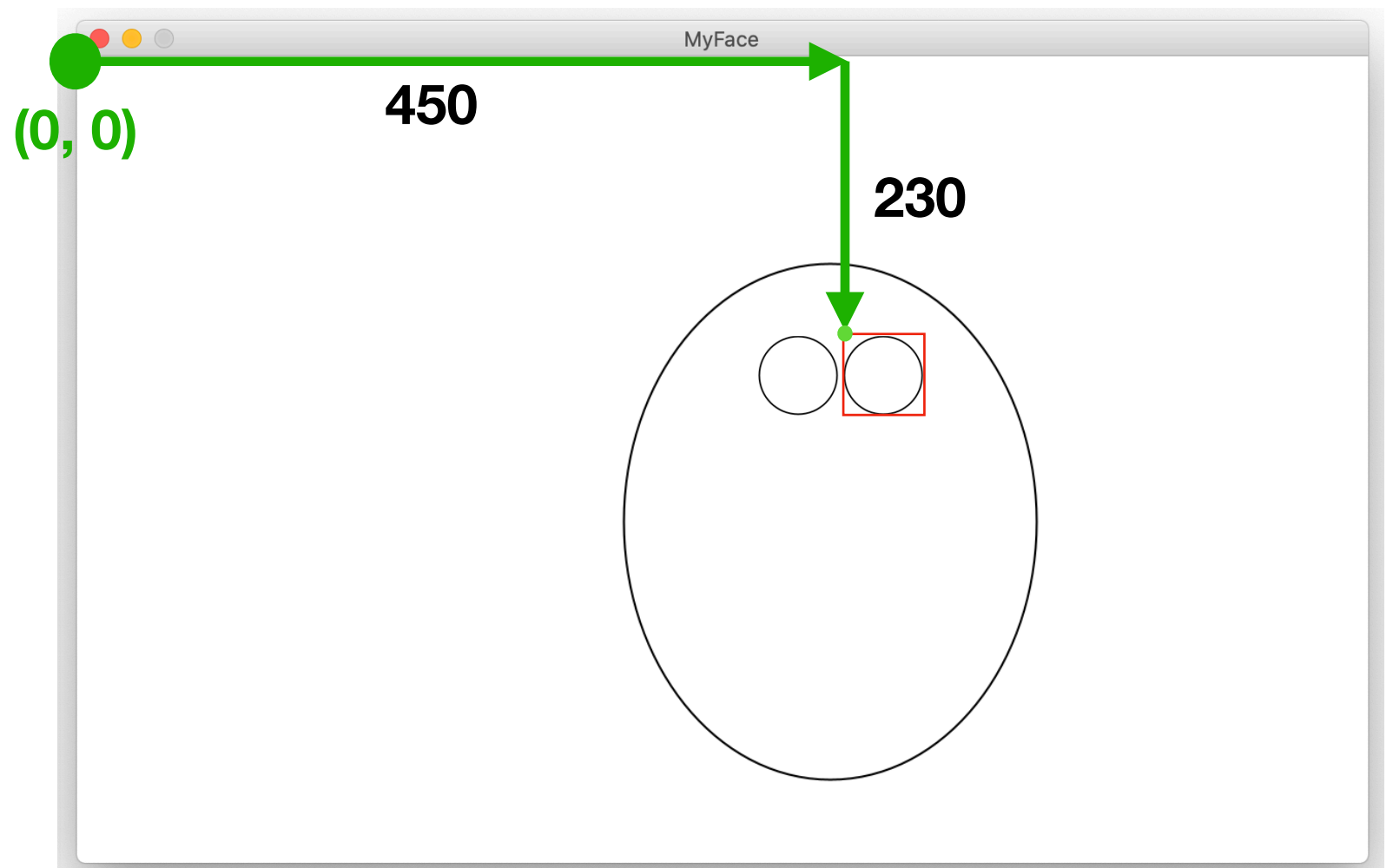
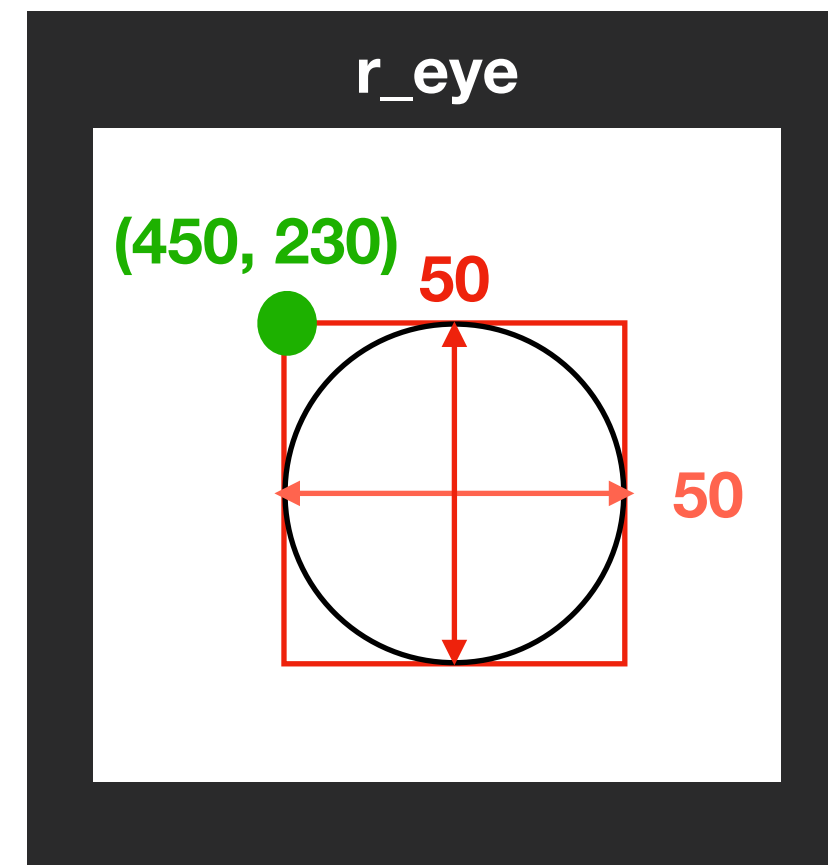
```
from campy.graphics.gobjects import G Oval, GRect
from campy.graphics.gwindow import GWindow
```

```
def main():
    window = GWindow(width=800, height=500, title='MyFace')
    face = G Oval(200, 250, x=350, y=200)
    window.add(face)
    l_eye = G Oval(50, 50, x=390, y=230)
    window.add(l_eye)
    r_eye = G Oval(50, 50, x=450, y=230)
    window.add(r_eye)
    mouth = GRect(120, 40, x=390, y=360)
    window.add(mouth)
```



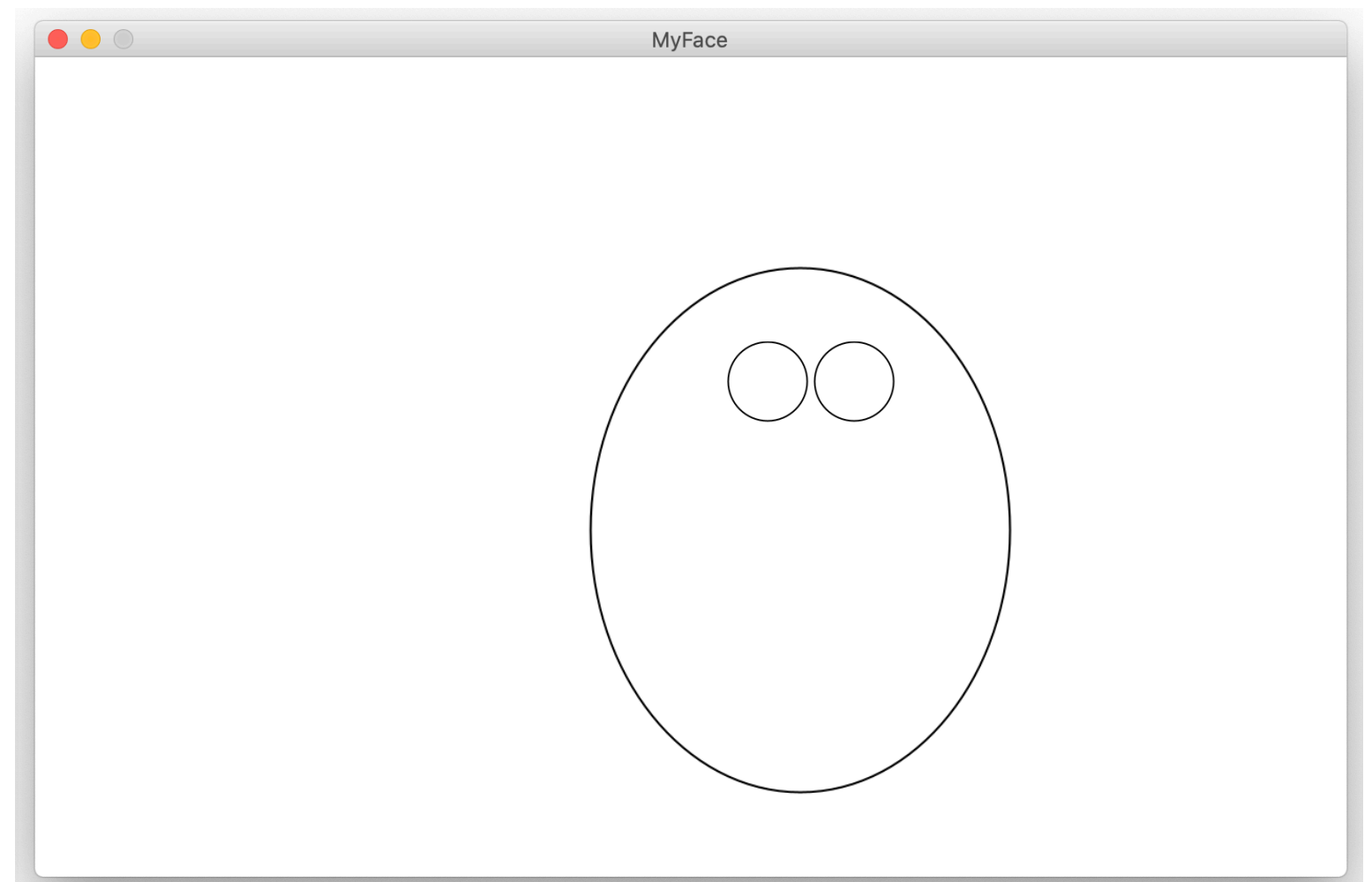
```
from campy.graphics.gobjects import G Oval, GRect
from campy.graphics.gwindow import GWindow
```

```
def main():
    window = GWindow(width=800, height=500, title='MyFace')
    face = G Oval(200, 250, x=350, y=200)
    window.add(face)
    l_eye = G Oval(50, 50, x=390, y=230)
    window.add(l_eye)
    r_eye = G Oval(50, 50, x=450, y=230)
    window.add(r_eye)
    mouth = GRect(120, 40, x=390, y=360)
    window.add(mouth)
```



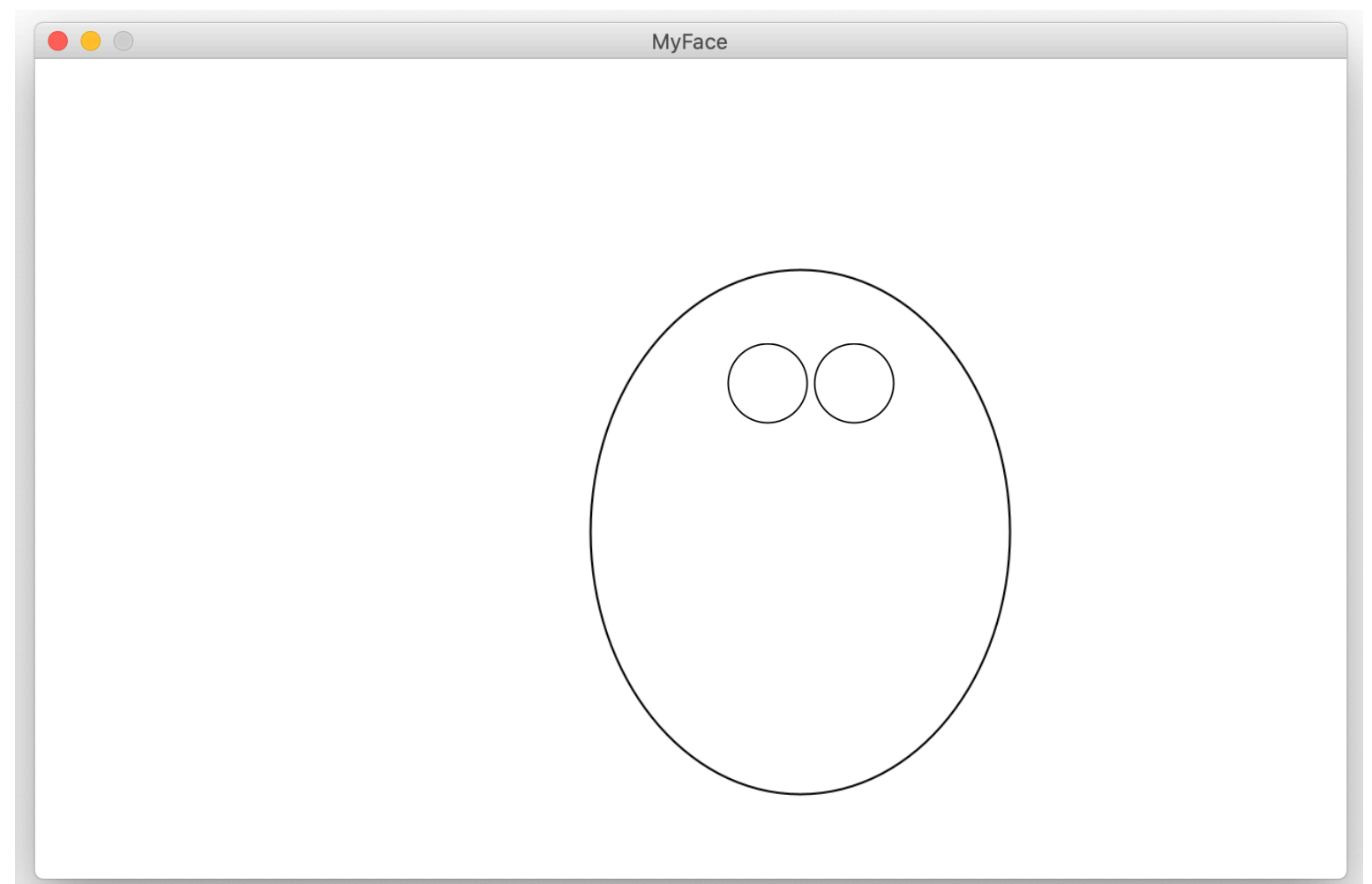
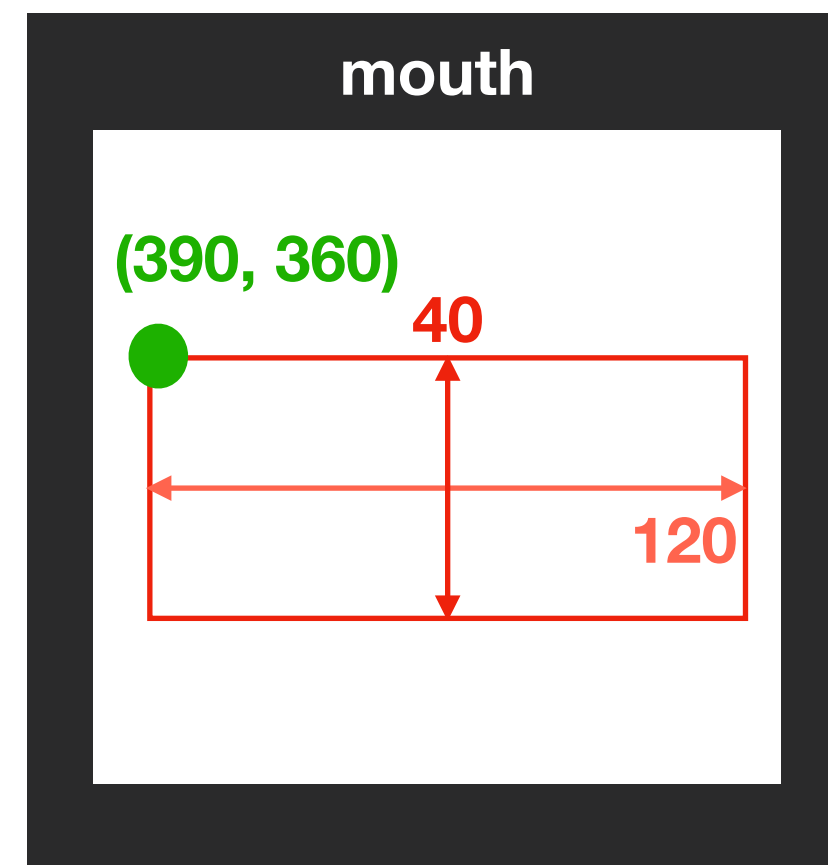

```
from campy.graphics.gobjects import G Oval, GRect
from campy.graphics.gwindow import GWindow
```

```
def main():
    window = GWindow(width=800, height=500, title='MyFace')
    face = G Oval(200, 250, x=350, y=200)
    window.add(face)
    l_eye = G Oval(50, 50, x=390, y=230)
    window.add(l_eye)
    r_eye = G Oval(50, 50, x=450, y=230)
    window.add(r_eye)
    mouth = GRect(120, 40, x=390, y=360)
    window.add(mouth)
```



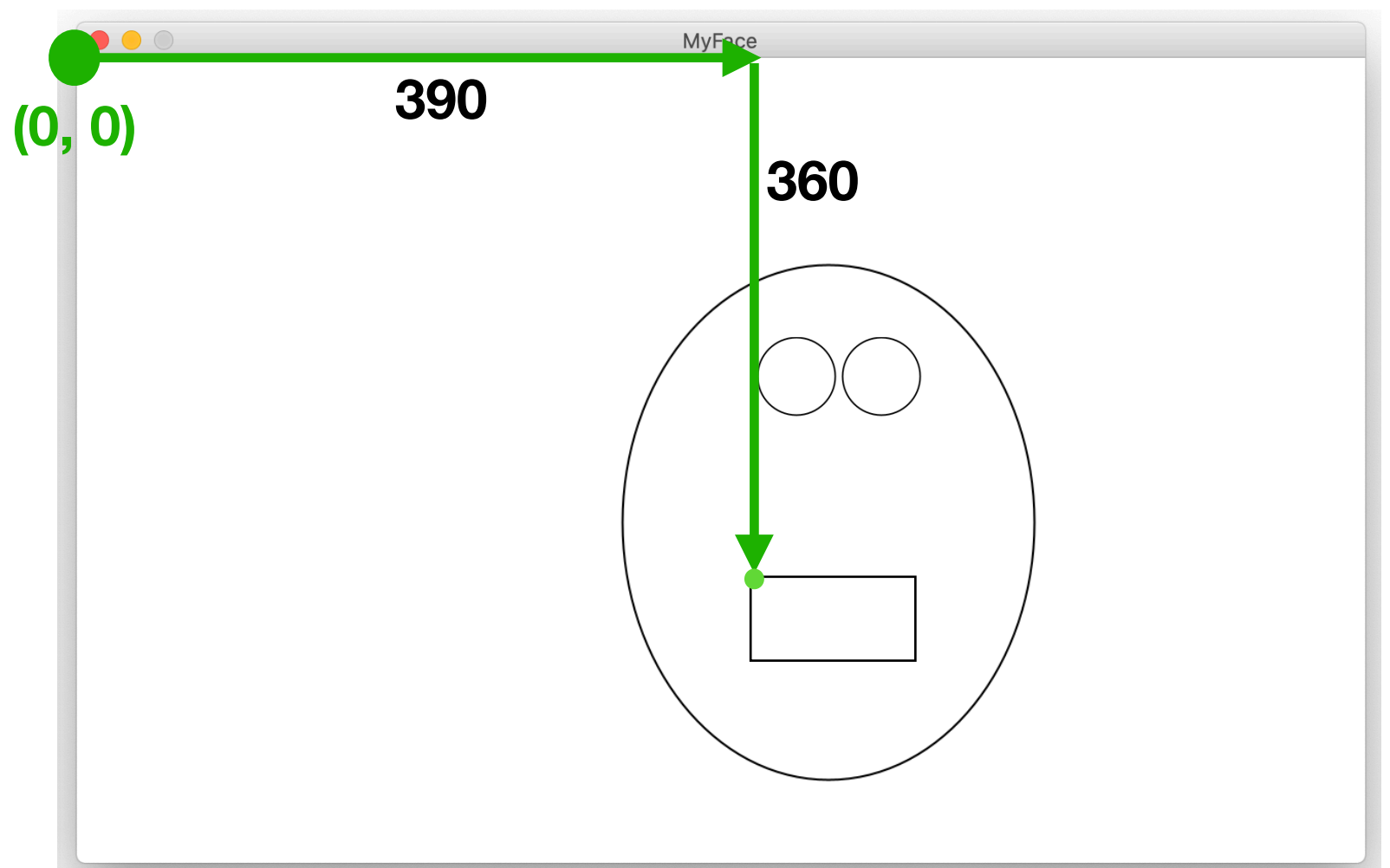
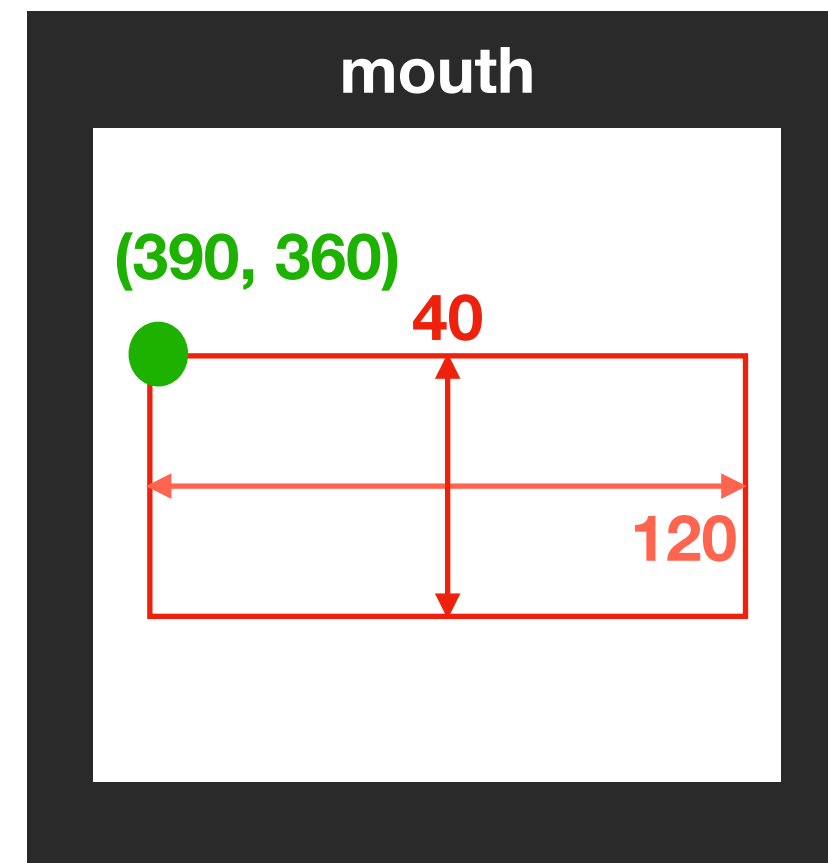
```
from campy.graphics.gobjects import G Oval, GRect
from campy.graphics.gwindow import GWindow

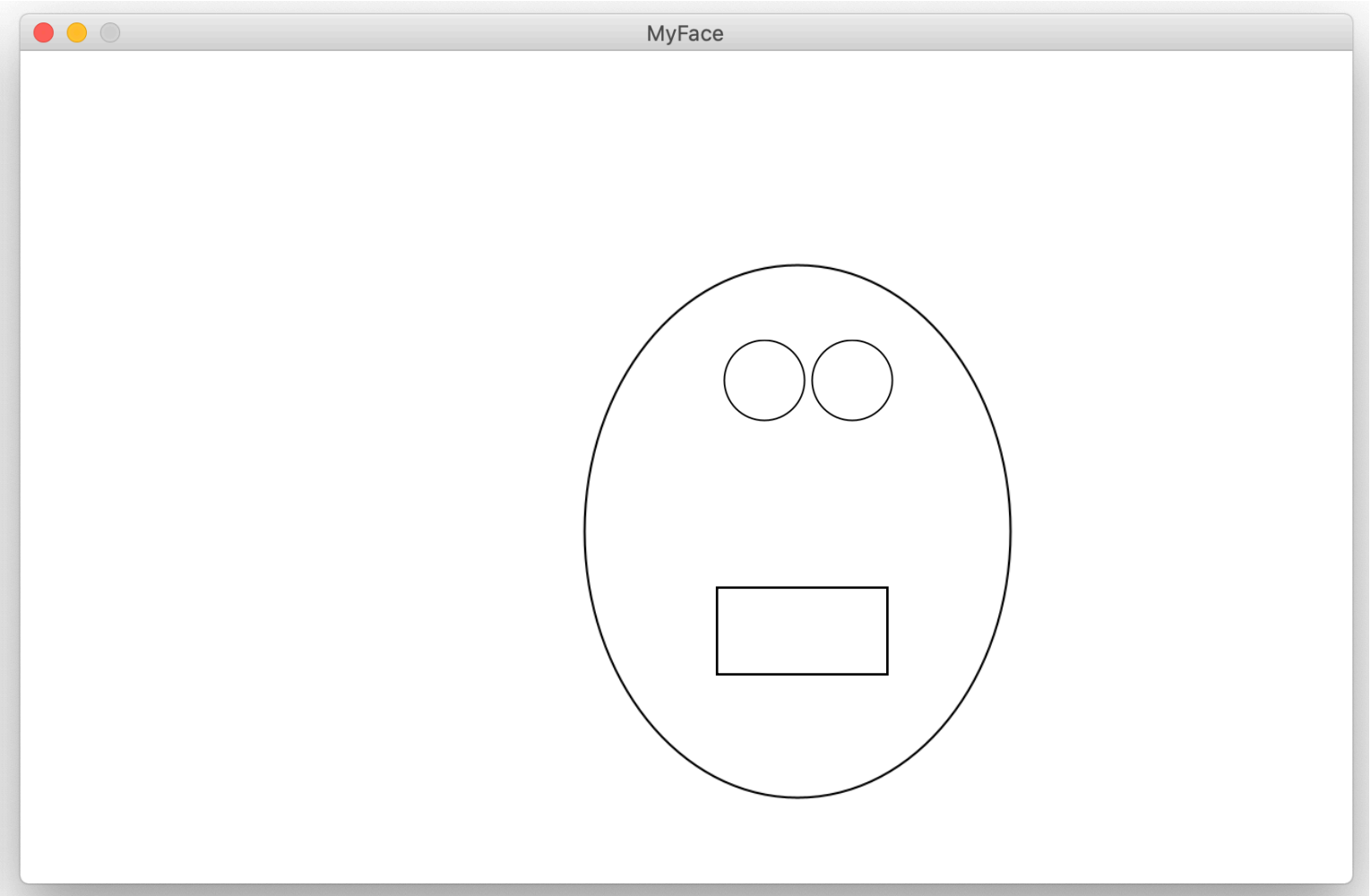
def main():
    window = GWindow(width=800, height=500, title='MyFace')
    face = G Oval(200, 250, x=350, y=200)
    window.add(face)
    l_eye = G Oval(50, 50, x=390, y=230)
    window.add(l_eye)
    r_eye = G Oval(50, 50, x=450, y=230)
    window.add(r_eye)
    mouth = GRect(120, 40, x=390, y=360)
    window.add(mouth)
```

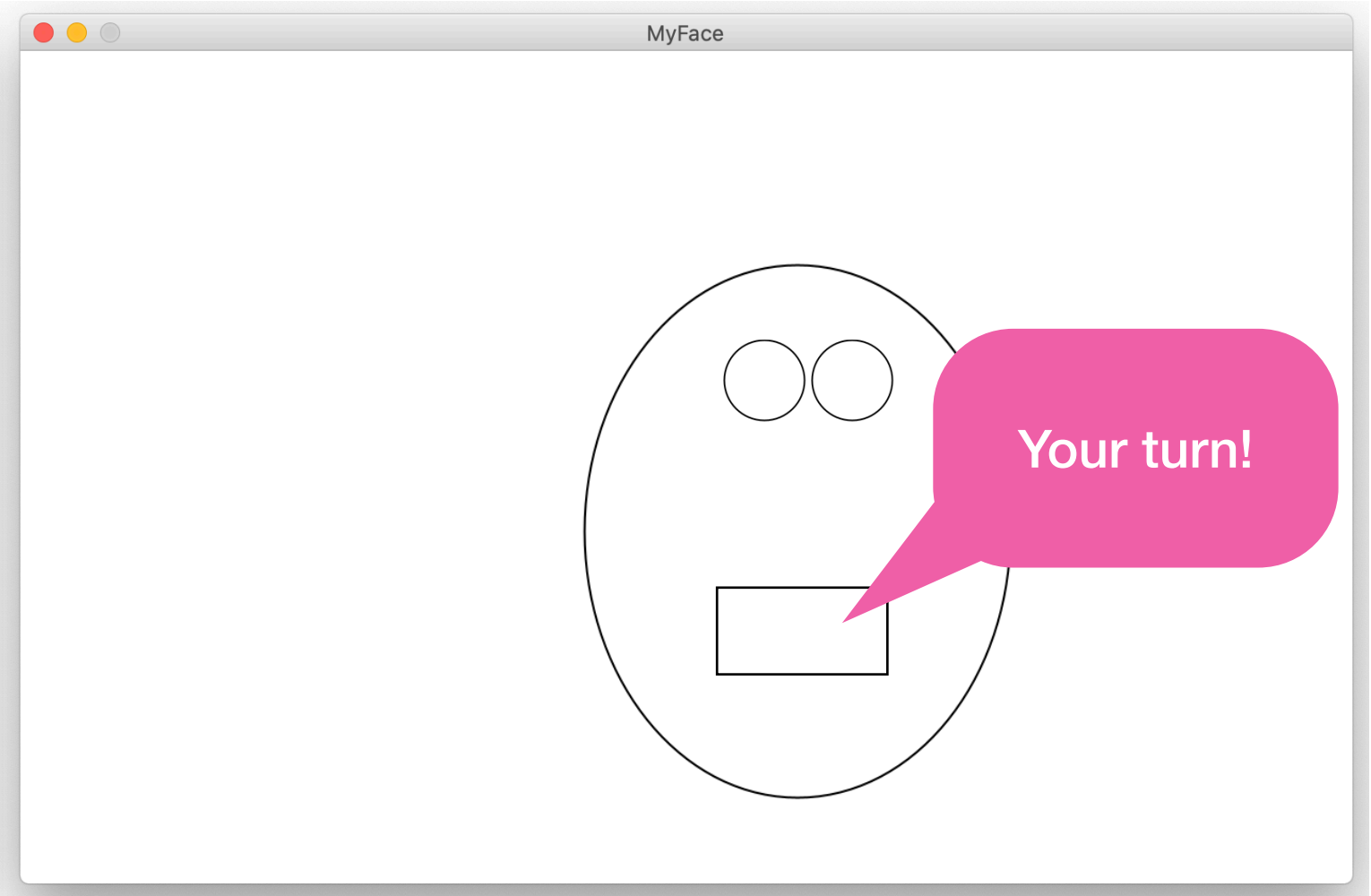


```
from campy.graphics.gobjects import GObj, GRect
from campy.graphics.gwindow import GWindow
```

```
def main():
    window = GWindow(width=800, height=500, title='MyFace')
    face = GObj(200, 250, x=350, y=200)
    window.add(face)
    l_eye = GObj(50, 50, x=390, y=230)
    window.add(l_eye)
    r_eye = GObj(50, 50, x=450, y=230)
    window.add(r_eye)
    mouth = GRect(120, 40, x=390, y=360)
    window.add(mouth)
```







- ***oval = GOval(寛, 高, x=?, y=?)***
 - oval.filled = True/False
 - oval.fill_color = 'green'

- ***oval = GOval(寛, 高, x=?, y=?)***
 - oval.filled = True/False
 - oval.fill_color = 'green'
- ***rect = GRect(寛, 高, x=?, y=?)***
 - rect.filled = True/False
 - rect.fill_color = 'magenta'

- ***oval = GOval(寛, 高, x=?, y=?)***
 - oval.filled = True/False
 - oval.fill_color = 'green'
- ***rect = GRect(寛, 高, x=?, y=?)***
 - rect.filled = True/False
 - rect.fill_color = 'magenta'
- ***label = GLabel(文字, x=?, y=?)***
 - label.font = '-40'
 - label.text = 'new'

- ***oval = GOval(寬, 高, x=?, y=?)***
 - oval.filled = True/False
 - oval.fill_color = 'green'
- ***rect = GRect(寬, 高, x=?, y=?)***
 - rect.filled = True/False
 - rect.fill_color = 'magenta'
- ***label = GLabel(文字, x=?, y=?)***
 - label.font = '-40'
 - label.text = 'new'
- ***myLine = GLine(起點x, 起點y, 終點x, 終點y)***

- ***oval = GOval(寬, 高, x=?, y=?)***
 - oval.filled = True/False
 - oval.fill_color = 'green'
- ***rect = GRect(寬, 高, x=?, y=?)***
 - rect.filled = True/False
 - rect.fill_color = 'magenta'
- ***label = GLabel(文字, x=?, y=?)***
 - label.font = '-40'
 - label.text = 'new'
- ***myLine = GLine(起點x, 起點y, 終點x, 終點y)***
- ***共同擁有(Inherited from GObject)***
 - name.width
 - name.height
 - name.x
 - name.y
 - name.color = 'magenta'
 - name.move(dx, dy)

- **oval = GOval(寬, 高, x=?, y=?)**
 - oval.filled = True/False
 - oval.fill_color = 'green'
- **rect = GRect(寬, 高, x=?, y=?)**
 - rect.filled = True/False
 - rect.fill_color = 'magenta'
- **label = GLabel(文字, x=?, y=?)**
 - label.font = '-40'
 - label.text = 'new'
- **myLine = GLine(起點x, 起點y, 終點x, 終點y)**
- **共同擁有(Inherited from GObject)**
 - name.width
 - name.height
 - name.x
 - name.y
 - name.color = 'magenta'
 - name.move(dx, dy)



改變邊框顏色

- **oval = GOval(寬, 高, x=?, y=?)**
 - oval.filled = True/False
 - oval.fill_color = 'green'
- **rect = GRect(寬, 高, x=?, y=?)**
 - rect.filled = True/False
 - rect.fill_color = 'magenta'
- **label = GLabel(文字, x=?, y=?)**
 - label.font = '-40'
 - label.text = 'new'
- **myLine = GLine(起點x, 起點y, 終點x, 終點y)**
- **共同擁有(Inherited from GObject)**
 - name.width
 - name.height
 - name.x
 - name.y
 - name.color = 'magenta'
 - name.move(dx, dy)



填滿黑色

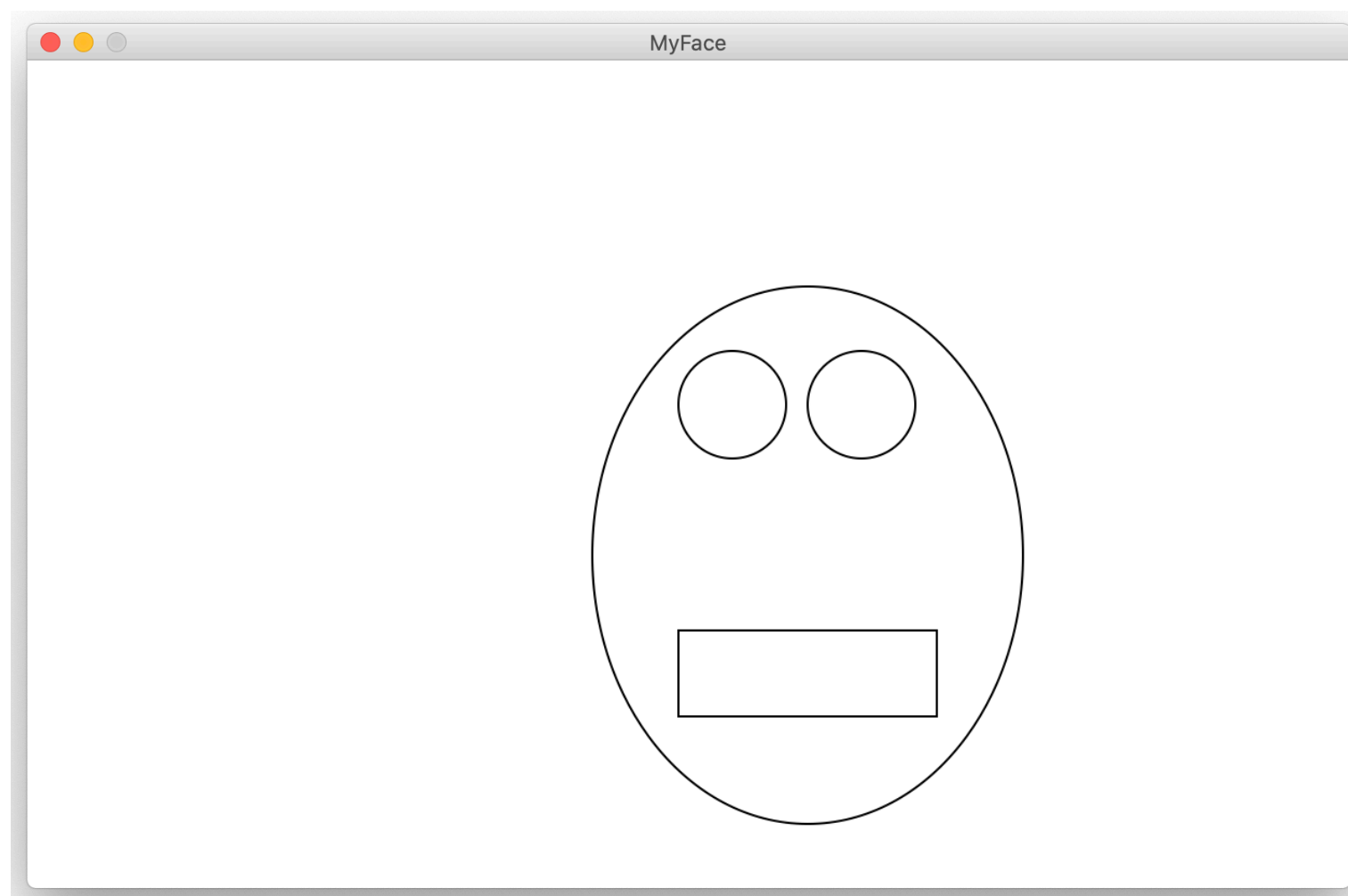
- **oval = GOval(寬, 高, x=?, y=?)**
 - oval.filled = True/False
 - oval.fill_color = 'green'
- **rect = GRect(寬, 高, x=?, y=?)**
 - rect.filled = True/False
 - rect.fill_color = 'magenta'
- **label = GLabel(文字, x=?, y=?)**
 - label.font = '-40'
 - label.text = 'new'
- **myLine = GLine(起點x, 起點y, 終點x, 終點y)**
- **共同擁有(Inherited from GObject)**
 - name.width
 - name.height
 - name.x
 - name.y
 - name.color = 'magenta'
 - name.move(dx, dy)

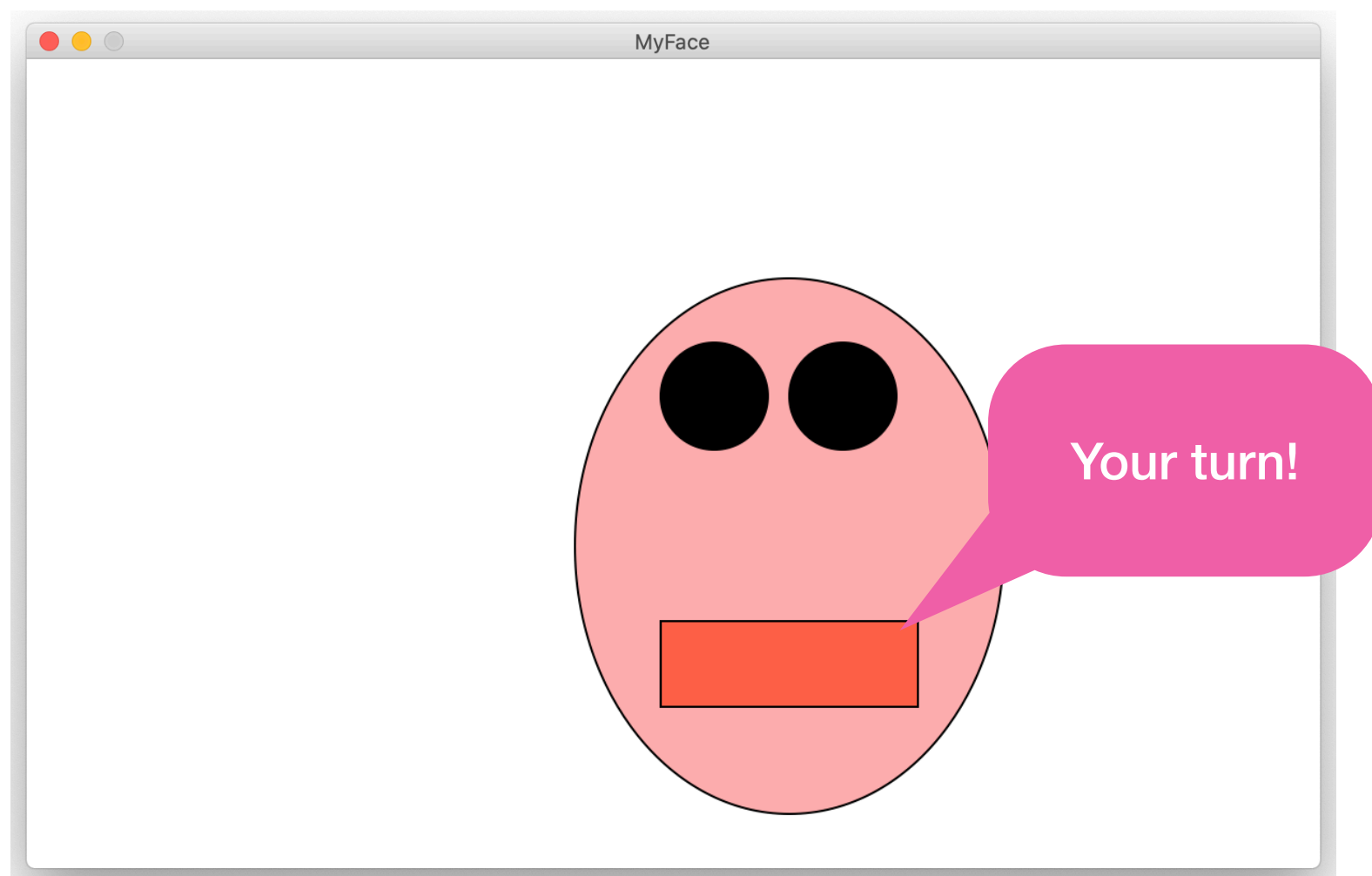


填滿顏色

color 選項

'aliceblue'	'antiquewhite'	'aqua'	'aquamarine'	'azure'
'beige'	'bisque'	'black'	'blanchedalmond'	'blue'
'blueviolet'	'brown'	'burlywood'	'cadetblue'	'chartreuse'
'chocolate'	'coral'	'cornflowerblue'	'cornsilk'	'crimson'
'cyan'	'darkblue'	'darkcyan'	'darkgoldenrod'	'darkgray'
'darkgreen'	'darkgrey'	'darkkhaki'	'darkmagenta'	'darkolivegreen'
'darkorange'	'darkorchid'	'darkred'	'darksage'	'darksalmon'
'darkseagreen'	'darkslateblue'	'darkslategray'	'darkslategrey'	'darkturquoise'
'darkviolet'	'deeppink'	'deepskyblue'	'dimgray'	'dimgrey'
'dodgerblue'	'firebrick'	'floralwhite'	'forestgreen'	'fuchsia'
'gainsboro'	'ghostwhite'	'gold'	'goldenrod'	'gray'
'green'	'greenyellow'	'grey'	'honeydew'	'hotpink'
'indianred'	'indigo'	'ivory'	'khaki'	'lavender'
'lavenderblush'	'lawngreen'	'lemonchiffon'	'lightblue'	'lightcoral'
'lightcyan'	'lightgoldenrodyellow'	'lightgray'	'lightgreen'	'lightgrey'
'lightpink'	'lightsage'	'lightsalmon'	'lightseagreen'	'lightskyblue'
'lightslategray'	'lightslategrey'	'lightsteelblue'	'lightyellow'	'lime'
'limegreen'	'linen'	'magenta'	'maroon'	'mediumaquamarine'
'mediumblue'	'mediumorchid'	'mediumpurple'	'mediumseagreen'	'mediumslateblue'
'mediumspringgreen'	'mediumturquoise'	'mediumvioletred'	'midnightblue'	'mintcream'
'mistyrose'	'moccasin'	'navajowhite'	'navy'	'oldlace'
'olive'	'olivedrab'	'orange'	'orangered'	'orchid'
'palegoldenrod'	'palegreen'	'paleturquoise'	'palevioletred'	'papayawhip'
'peachpuff'	'peru'	'pink'	'plum'	'powderblue'
'purple'	'red'	'rosybrown'	'royalblue'	'saddlebrown'
'sage'	'salmon'	'sandybrown'	'seagreen'	'seashell'
'sienna'	'silver'	'skyblue'	'slateblue'	'slategray'
'slategrey'	'snow'	'springgreen'	'steelblue'	'tan'
'teal'	'thistle'	'tomato'	'turquoise'	'violet'
'wheat'	'white'	'whitesmoke'	'yellow'	'yellowgreen'





GLabel

```
from campy.graphics.gobjects import GLabel
from campy.graphics.gwindow import GWindow
```

```
def main():
    window = GWindow(width=800, height=500, title='MyLabel')
    label = GLabel('Hello, world!')
    label.font = '-40'
    label.color = 'magenta'
    window.add(label, x=100, y=200)
```

```
from campy.graphics.gobjects import GLabel
from campy.graphics.gwindow import GWindow
```

```
def main():
```

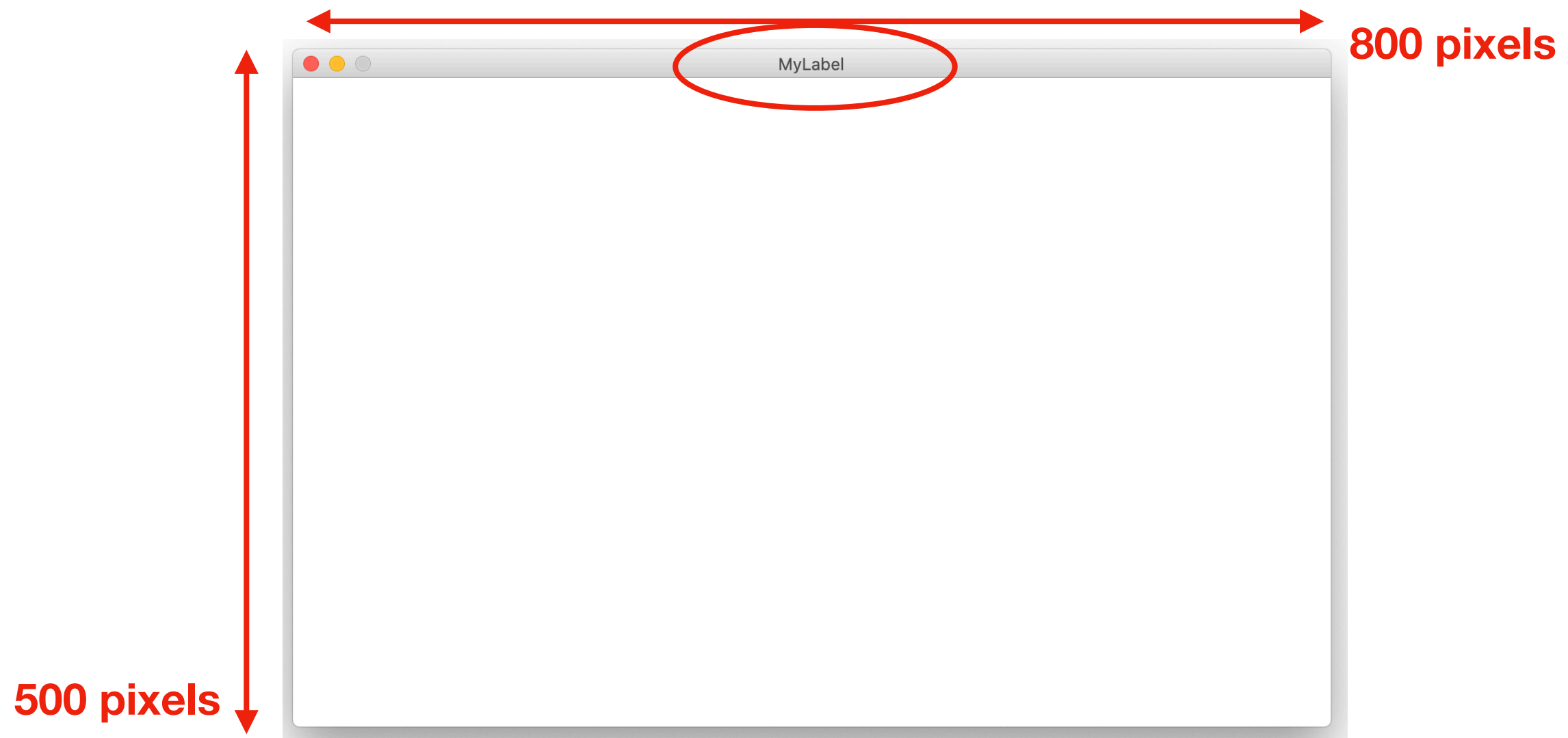
```
    window = GWindow(width=800, height=500, title='MyLabel')
```

```
    label = GLabel('Hello, world!')
```

```
    label.font = '-40'
```

```
    label.color = 'magenta'
```

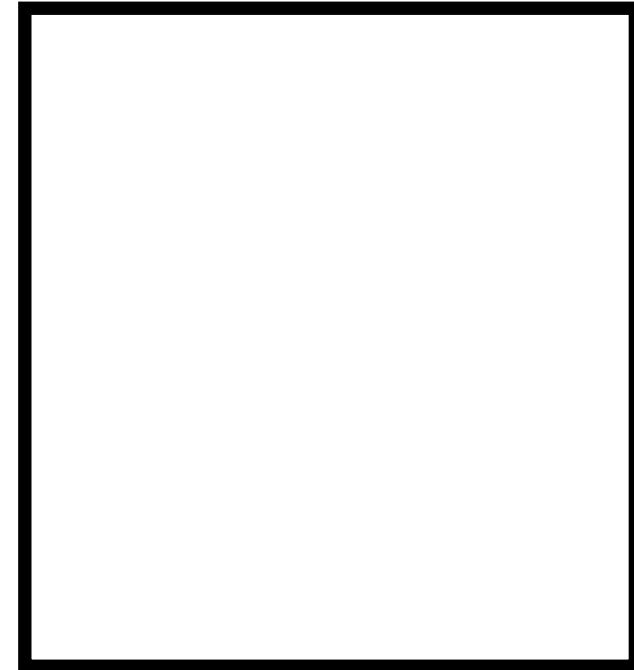
```
    window.add(label, x=100, y=200)
```



```
from campy.graphics.gobjects import GLabel
from campy.graphics.gwindow import GWindow
```

label

```
def main():
    window = GWindow(width=800, height=500, title='MyLabel')
    label = GLabel('Hello, world!')
    label.font = '-40'
    label.color = 'magenta'
    window.add(label, x=100, y=200)
```

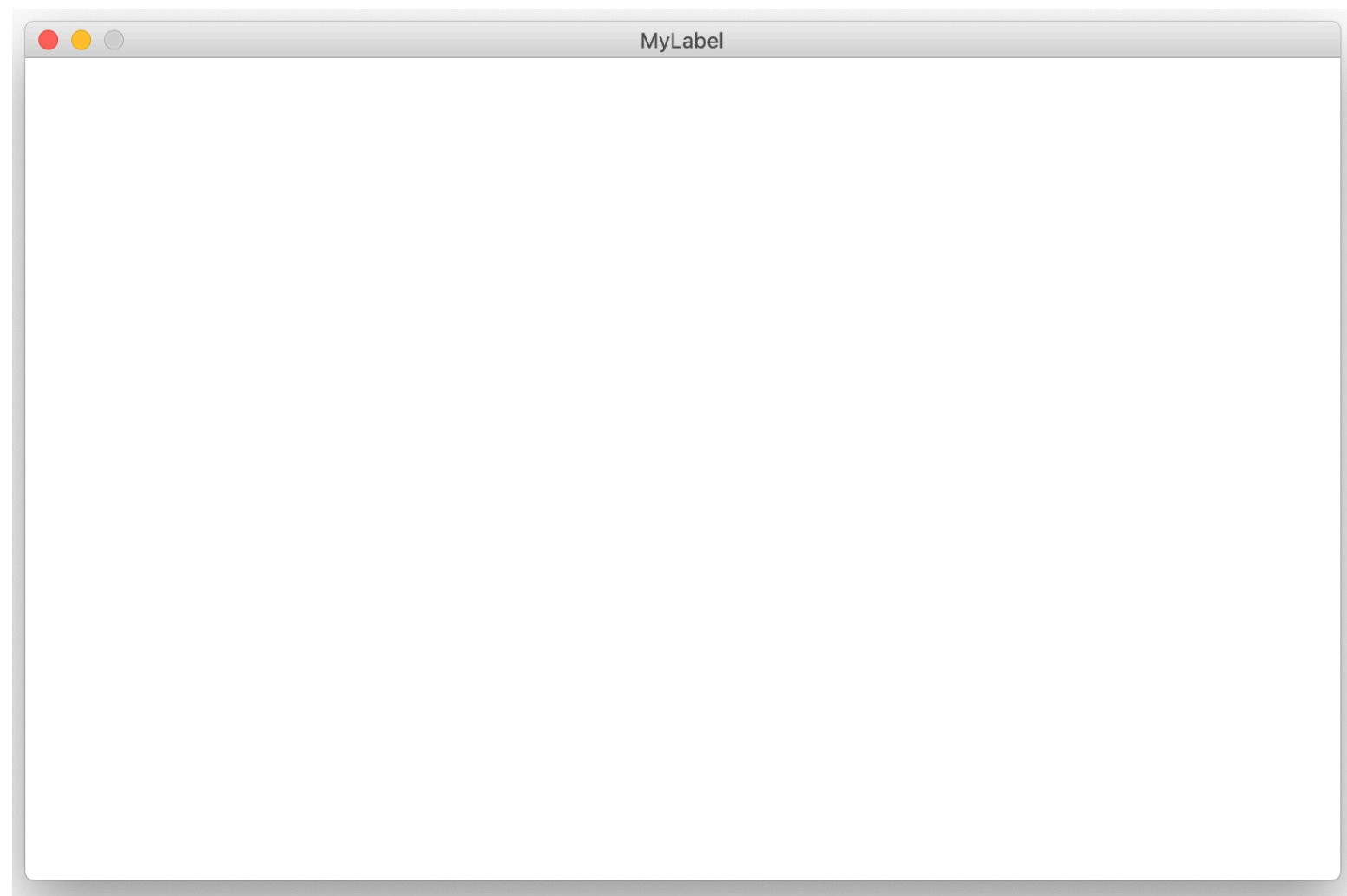


```
from campy.graphics.gobjects import GLabel  
from campy.graphics.gwindow import GWindow
```

```
def main():  
    window = GWindow(width=800, height=500, title='MyLabel')  
    label = GLabel('Hello, world!')  
    label.font = '-40'  
    label.color = 'magenta'  
    window.add(label, x=100, y=200)
```

label

Hello, world!



```
from campy.graphics.gobjects import GLabel
from campy.graphics.gwindow import GWindow
```

```
def main():
    window = GWindow(width=800, height=500, title='MyLabel')
    label = GLabel('Hello, world!')
    label.font = '-40'
    label.color = 'magenta'
    window.add(label, x=100, y=200)
```

label

Hello, world!

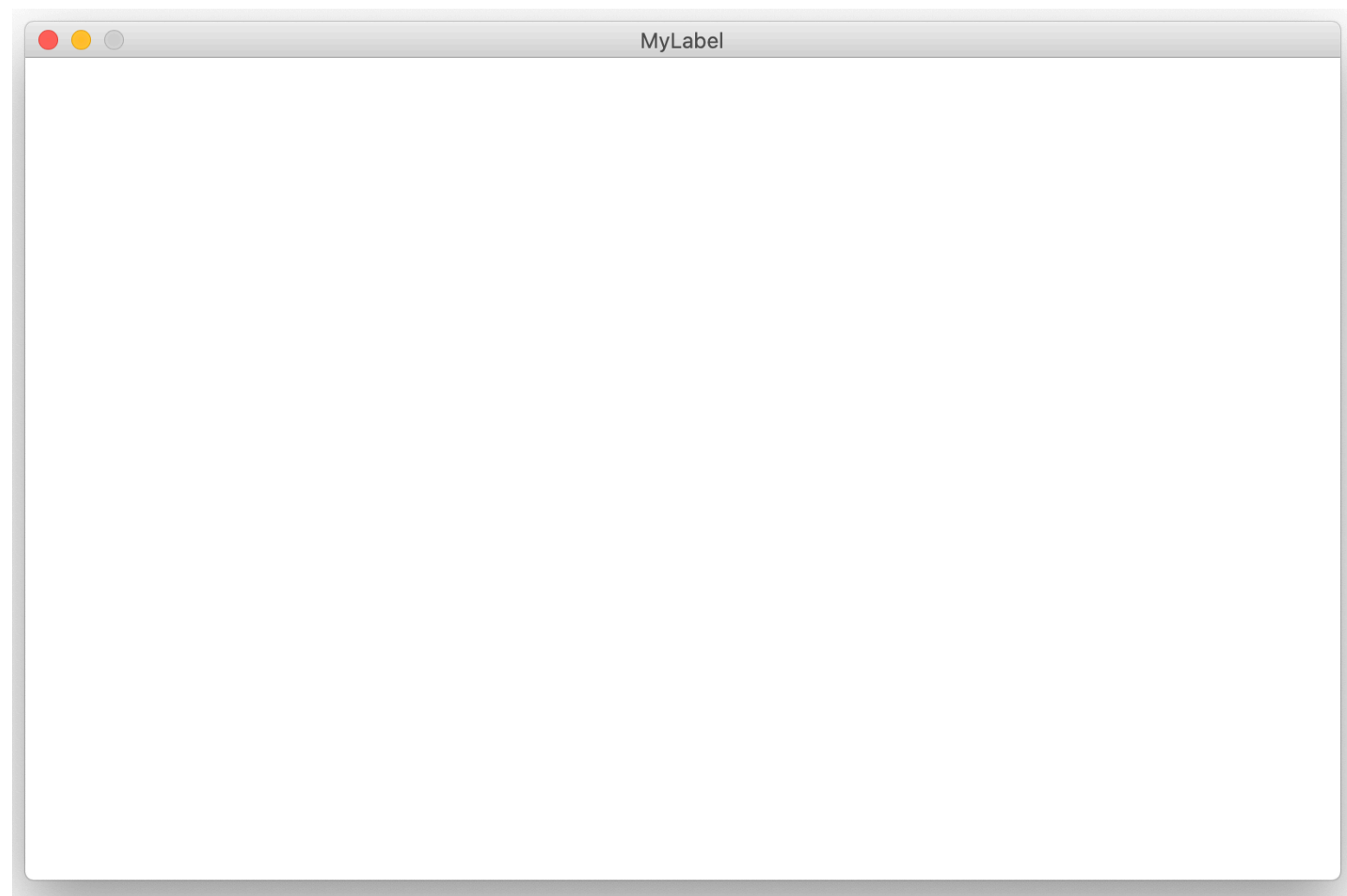


```
from campy.graphics.gobjects import GLabel
from campy.graphics.gwindow import GWindow
```

```
def main():
    window = GWindow(width=800, height=500, title='MyLabel')
    label = GLabel('Hello, world!')
    label.font = '-40'
    label.color = 'magenta'
    window.add(label, x=100, y=200)
```

label

Hello, world!

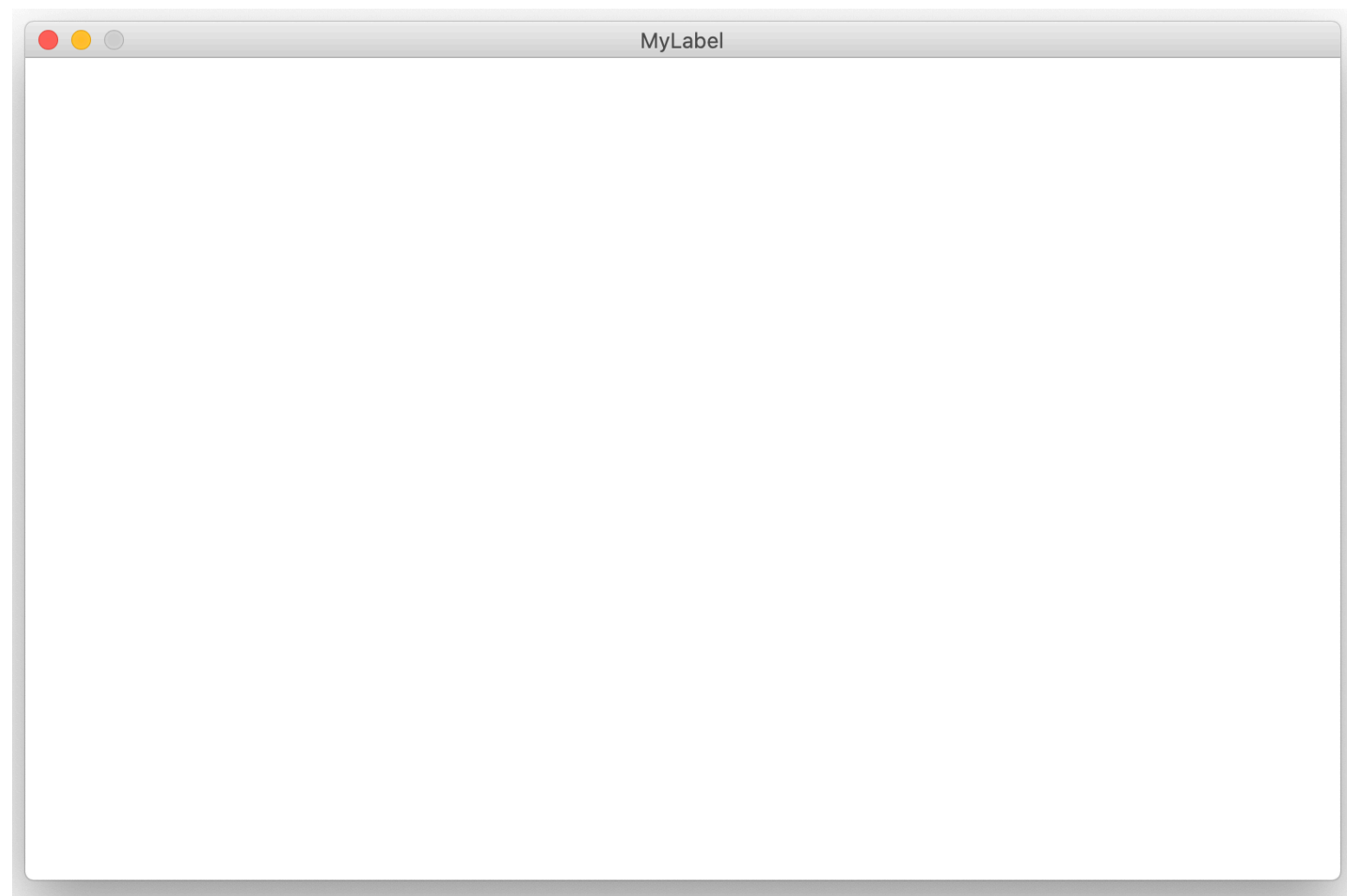


```
from campy.graphics.gobjects import GLabel
from campy.graphics.gwindow import GWindow
```

```
def main():
    window = GWindow(width=800, height=500, title='MyLabel')
    label = GLabel('Hello, world!')
    label.font = '-40'
    label.color = 'magenta'
    window.add(label, x=100, y=200)
```

label

Hello, world!

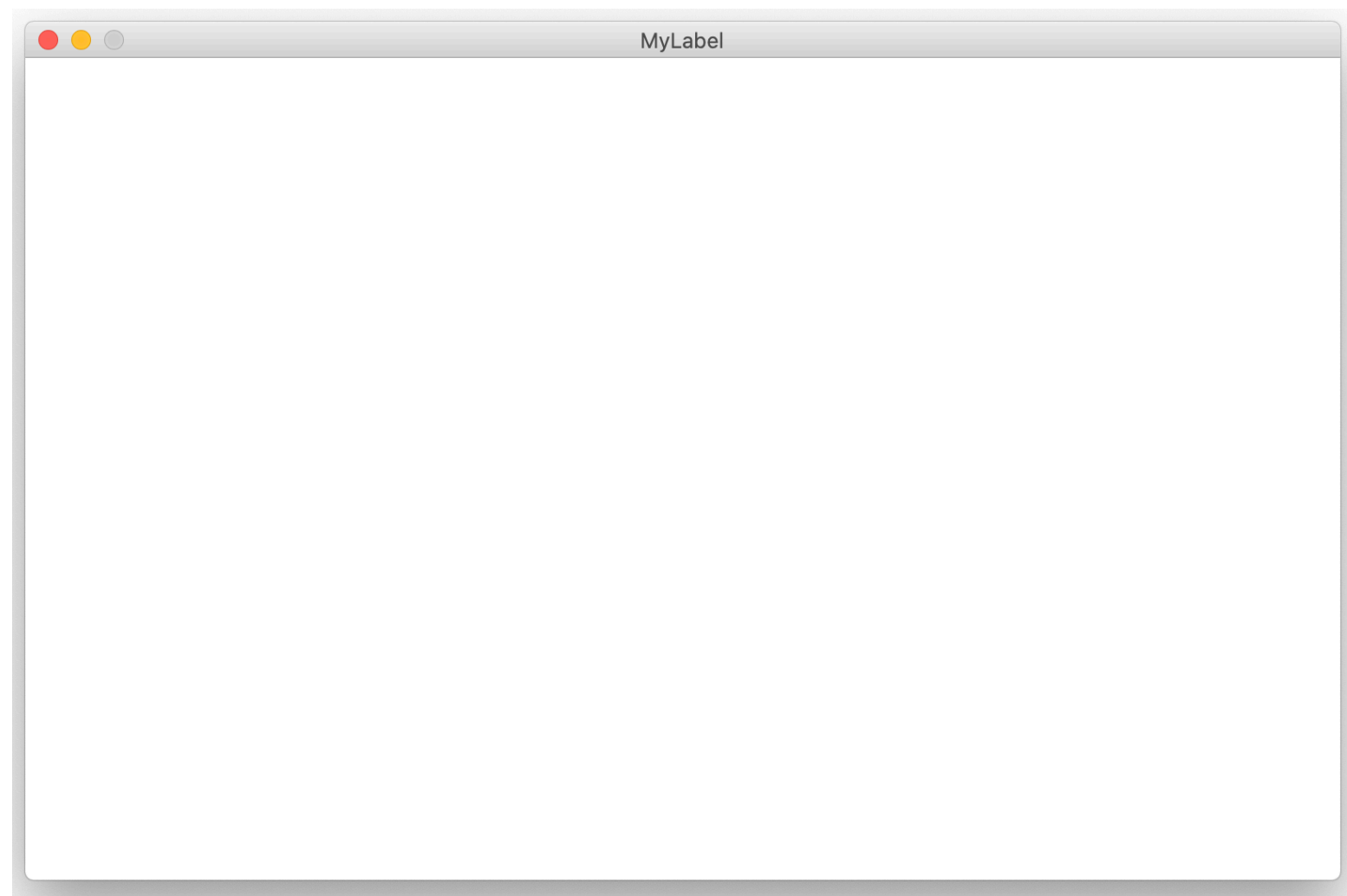



```
from campy.graphics.gobjects import GLabel  
from campy.graphics.gwindow import GWindow
```

```
def main():  
    window = GWindow(width=800, height=500, title='MyLabel')  
    label = GLabel('Hello, world!')  
    label.font = '-40'  
    label.color = 'magenta'  
    window.add(label, x=100, y=200)
```

label

Hello, world!

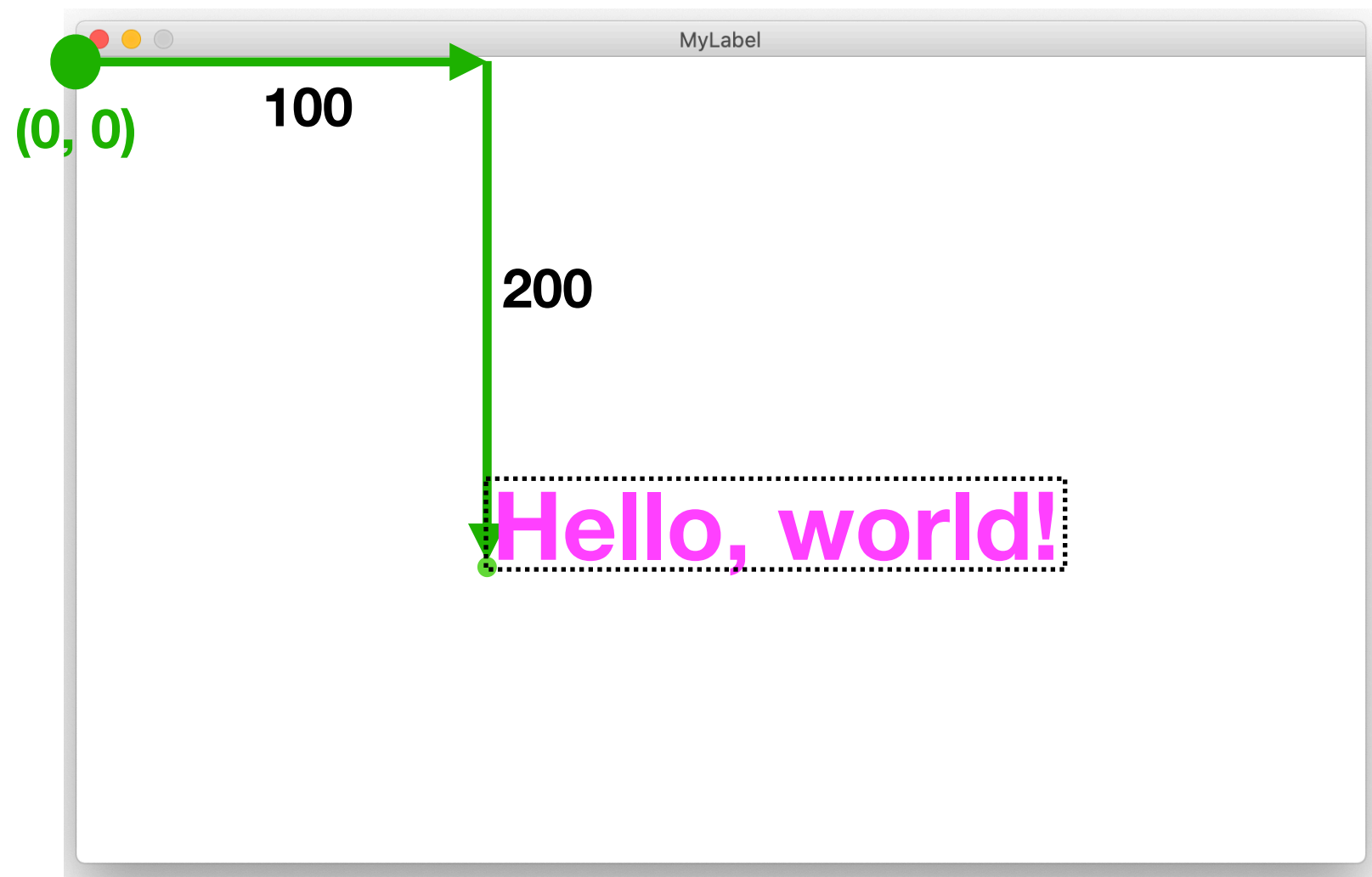


```
from campy.graphics.gobjects import GLabel
from campy.graphics.gwindow import GWindow
```

```
def main():
    window = GWindow(width=800, height=500, title='MyLabel')
    label = GLabel('Hello, world!')
    label.font = '-40'
    label.color = 'magenta'
    window.add(label, x=100, y=200)
```

label

Hello, world!



Animation

```
def main():
```

```
    window = GWindow()
```

```
    rect = set_up_rect()
```

```
    window.add(rect, x=(window.width-SIZE)/2, y=(window.height-SIZE)/2)
```

```
    vx = 5
```

```
    while True:
```

```
        rect.move(vx, 0)
```

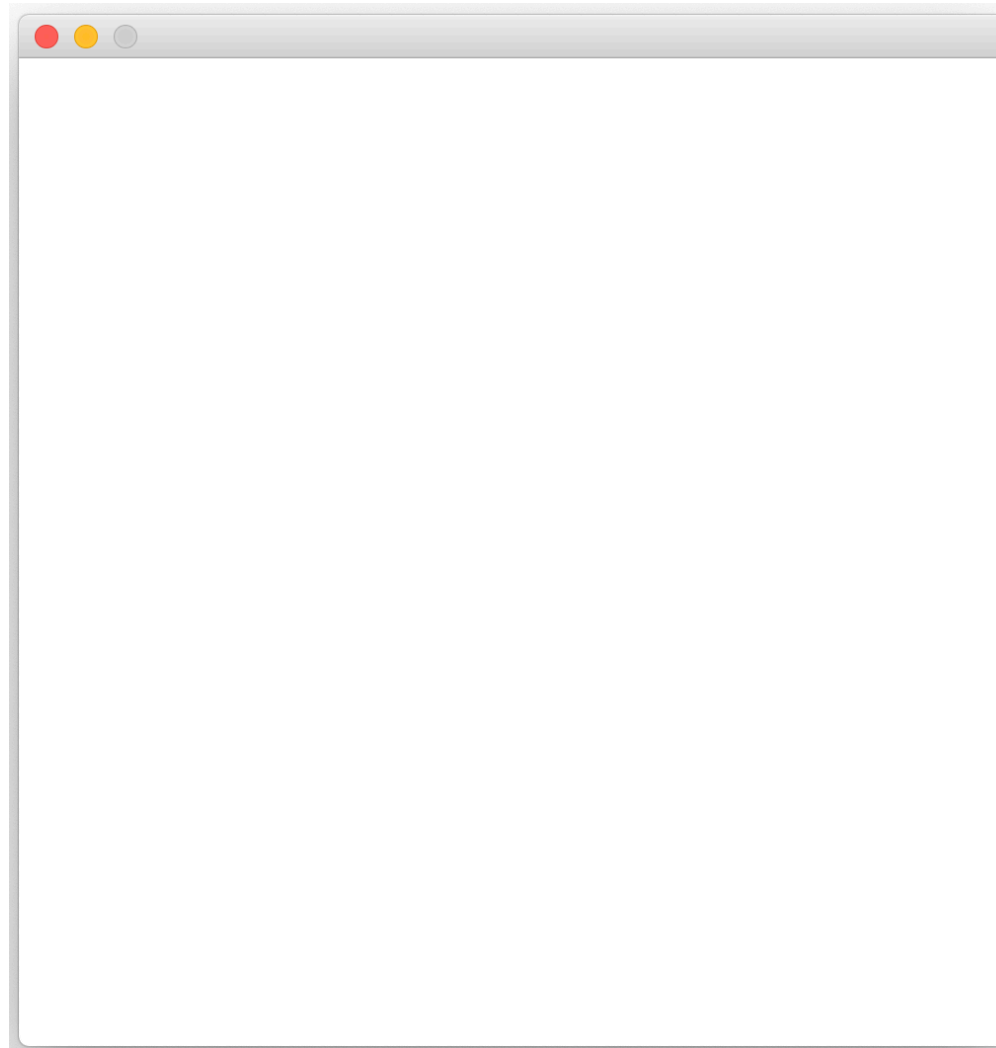
```
        if rect.x <= 0 or rect.x+rect.width >= window.width:
```

```
            vx = -vx
```

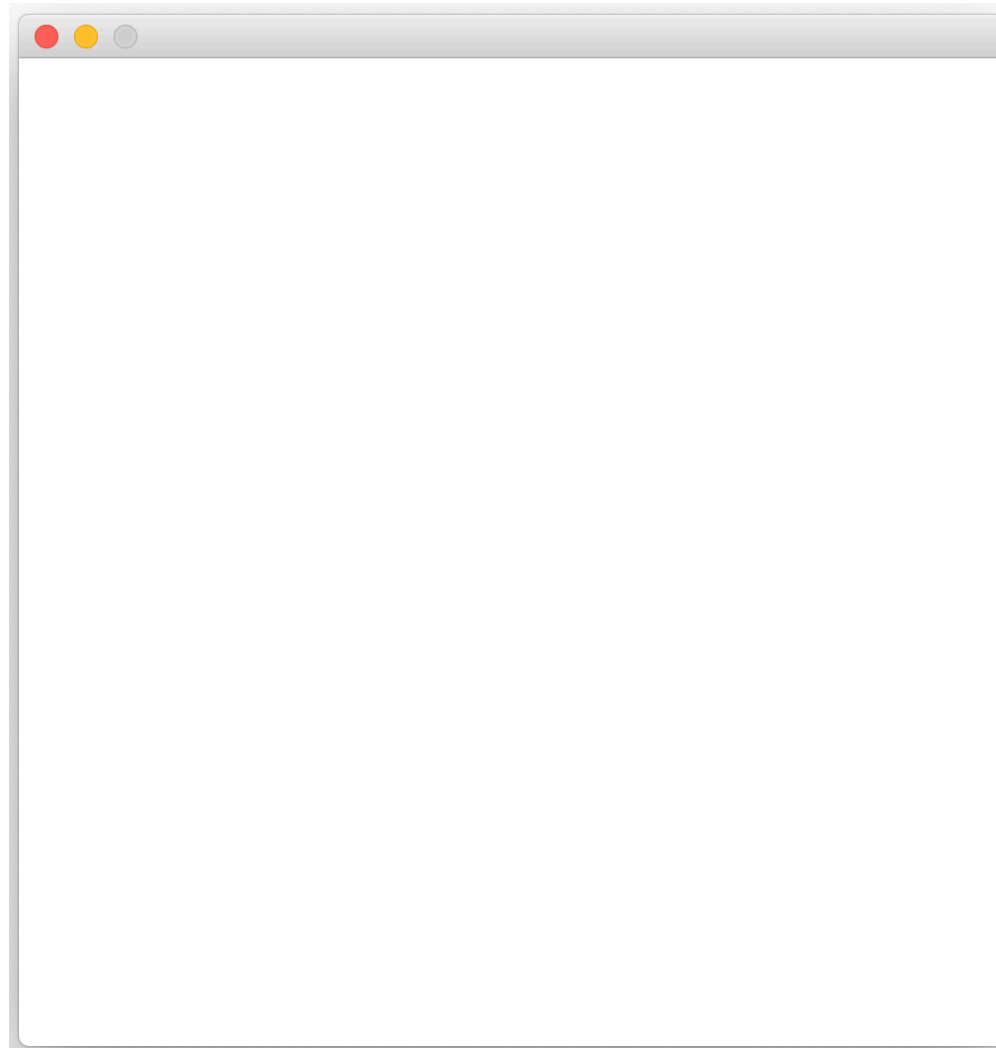
```
        pause(10)
```

```
def main():  
    window = GWindow()  
    rect = set_up_rect()  
    window.add(rect, x=(window.width-SIZE)/2, y=(window.height-SIZE)/2)  
    vx = 5  
    while True:  
        rect.move(vx, 0)  
        if rect.x <= 0 or rect.x+rect.width >= window.width:  
            vx = -vx  
        pause(10)
```

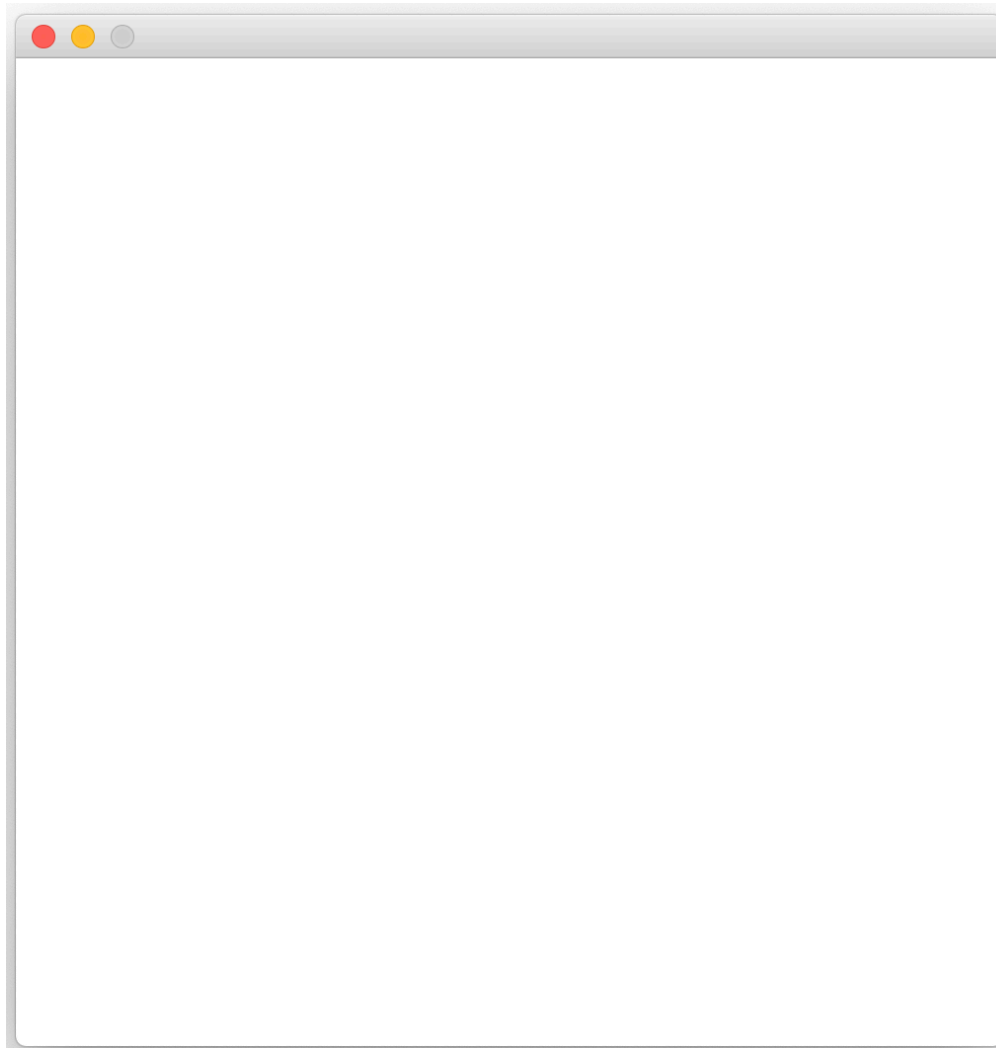
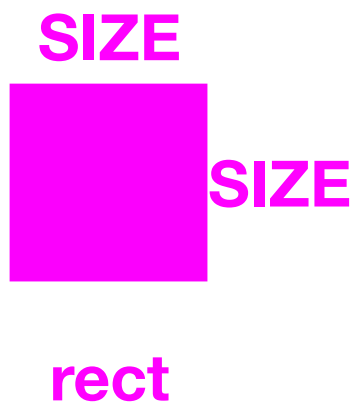
```
def main():  
    window = GWindow()  
    rect = set_up_rect()  
    window.add(rect, x=(window.width-SIZE)/2, y=(window.height-SIZE)/2)  
    vx = 5  
    while True:  
        rect.move(vx, 0)  
        if rect.x <= 0 or rect.x+rect.width >= window.width:  
            vx = -vx  
        pause(10)
```



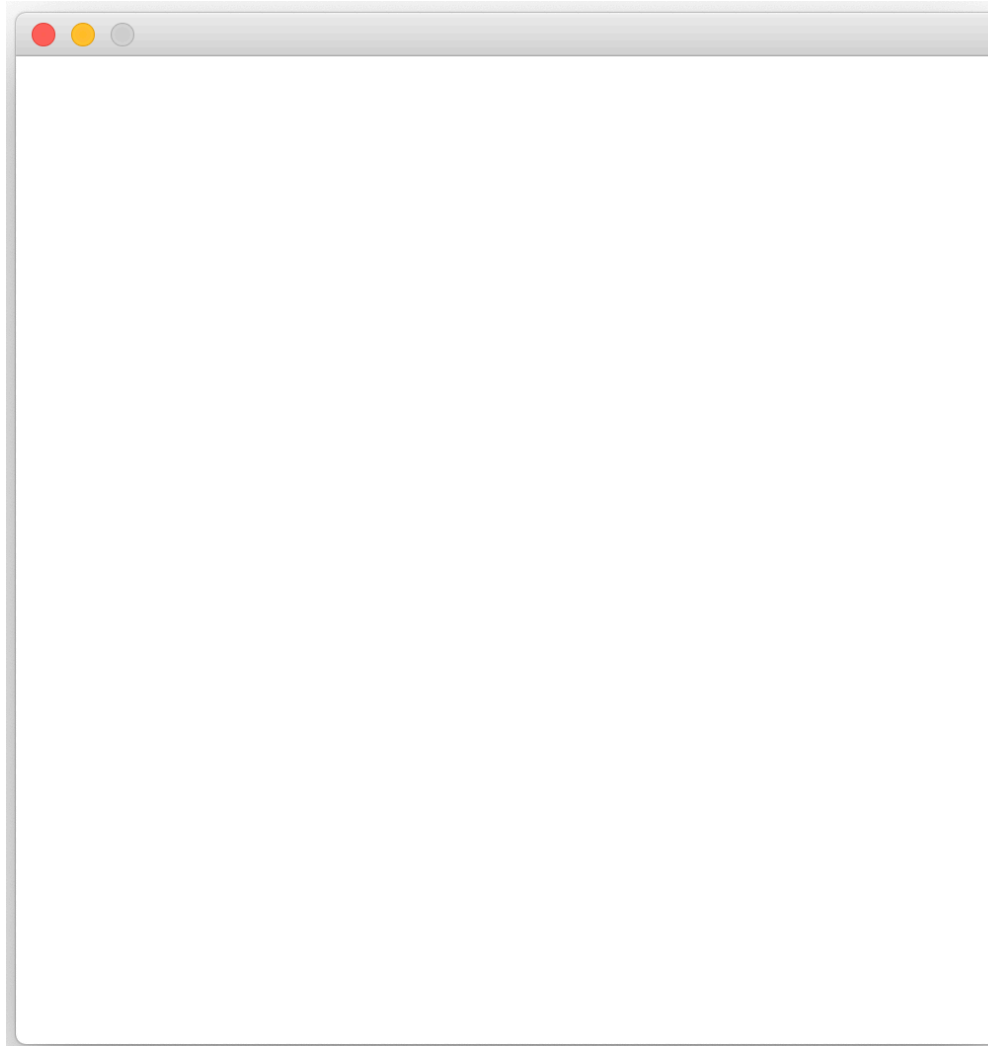
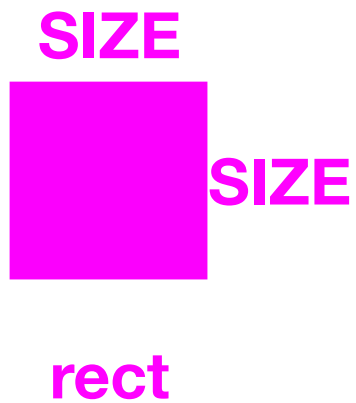
```
def main():  
    window = GWindow()  
    rect = set_up_rect()  
    window.add(rect, x=(window.width-SIZE)/2, y=(window.height-SIZE)/2)  
    vx = 5  
    while True:  
        rect.move(vx, 0)  
        if rect.x <= 0 or rect.x+rect.width >= window.width:  
            vx = -vx  
        pause(10)
```



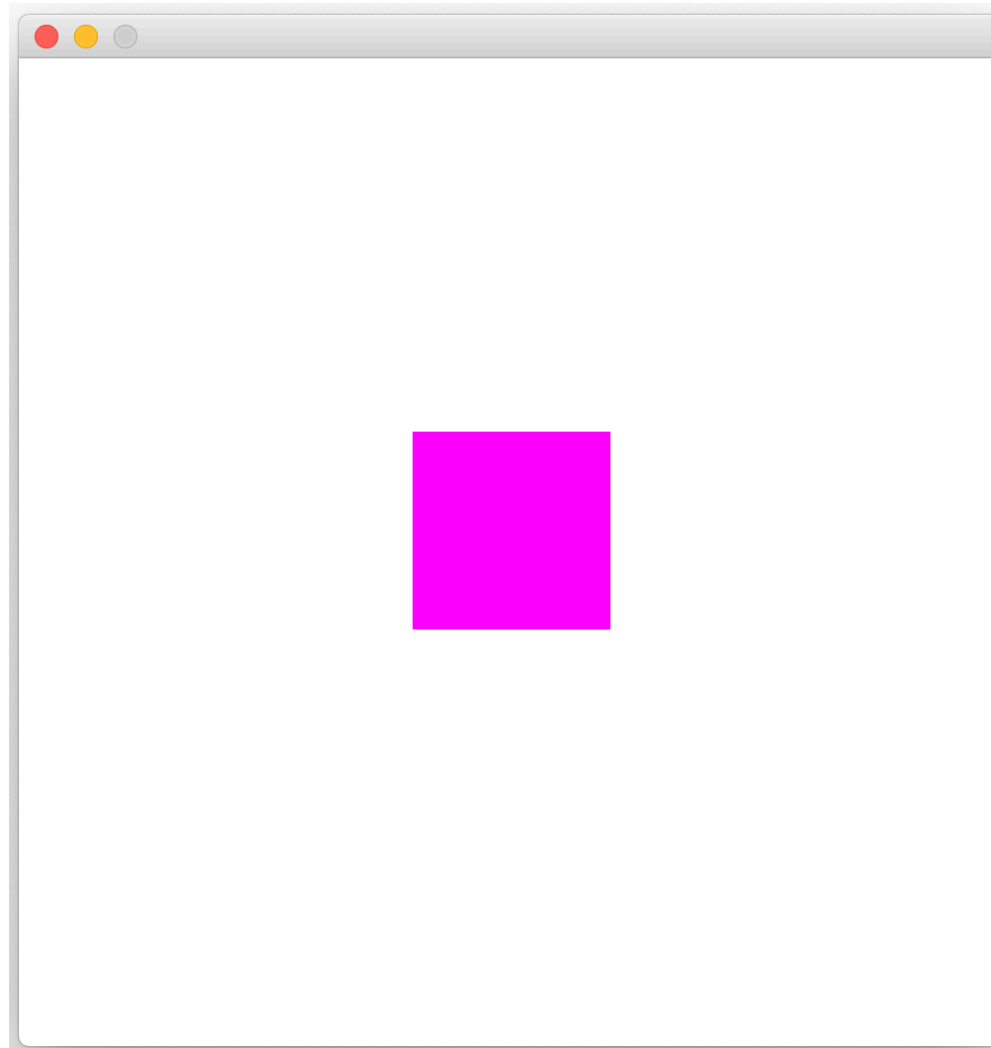
```
def main():  
    window = GWindow()  
    rect = set_up_rect()  
    window.add(rect, x=(window.width-SIZE)/2, y=(window.height-SIZE)/2)  
    vx = 5  
    while True:  
        rect.move(vx, 0)  
        if rect.x <= 0 or rect.x+rect.width >= window.width:  
            vx = -vx  
        pause(10)
```



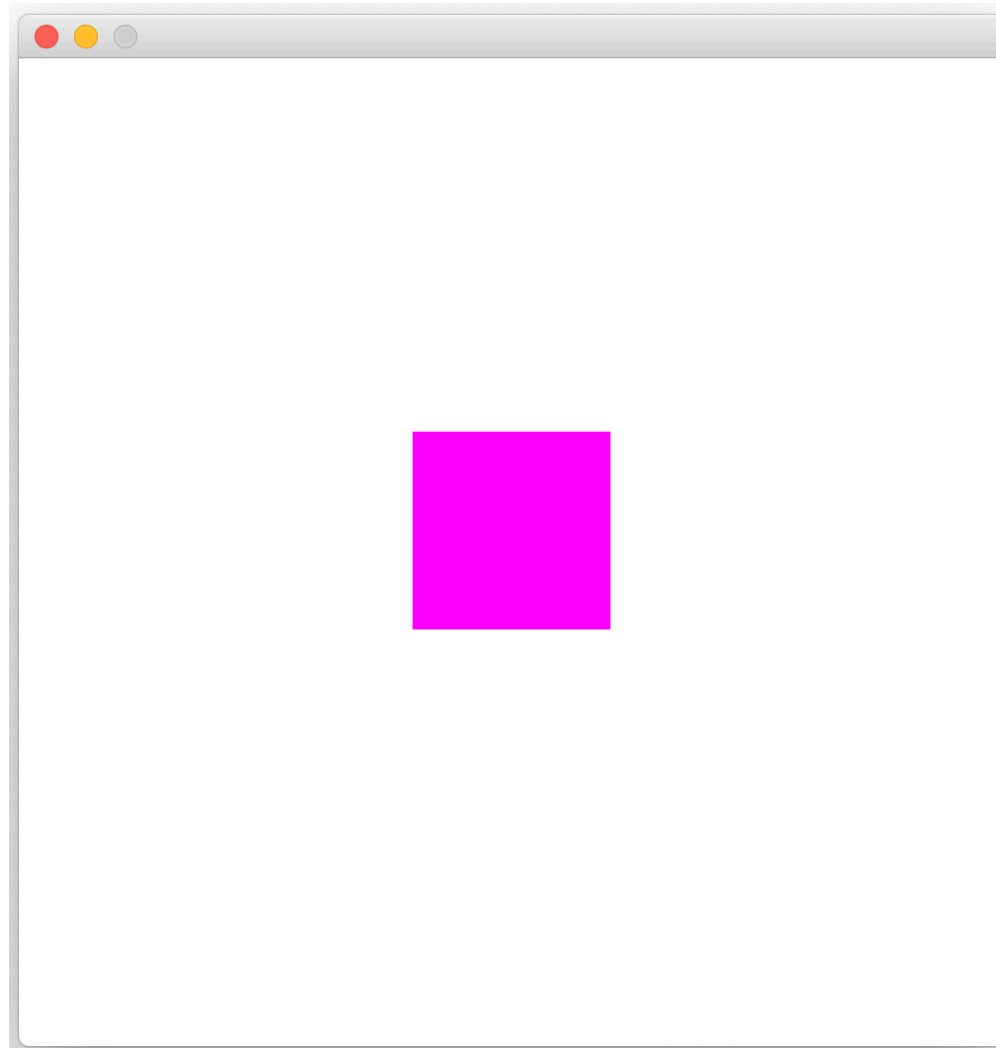

```
def main():  
    window = GWindow()  
    rect = set_up_rect()  
    window.add(rect, x=(window.width-SIZE)/2, y=(window.height-SIZE)/2)  
    vx = 5  
    while True:  
        rect.move(vx, 0)  
        if rect.x <= 0 or rect.x+rect.width >= window.width:  
            vx = -vx  
        pause(10)
```



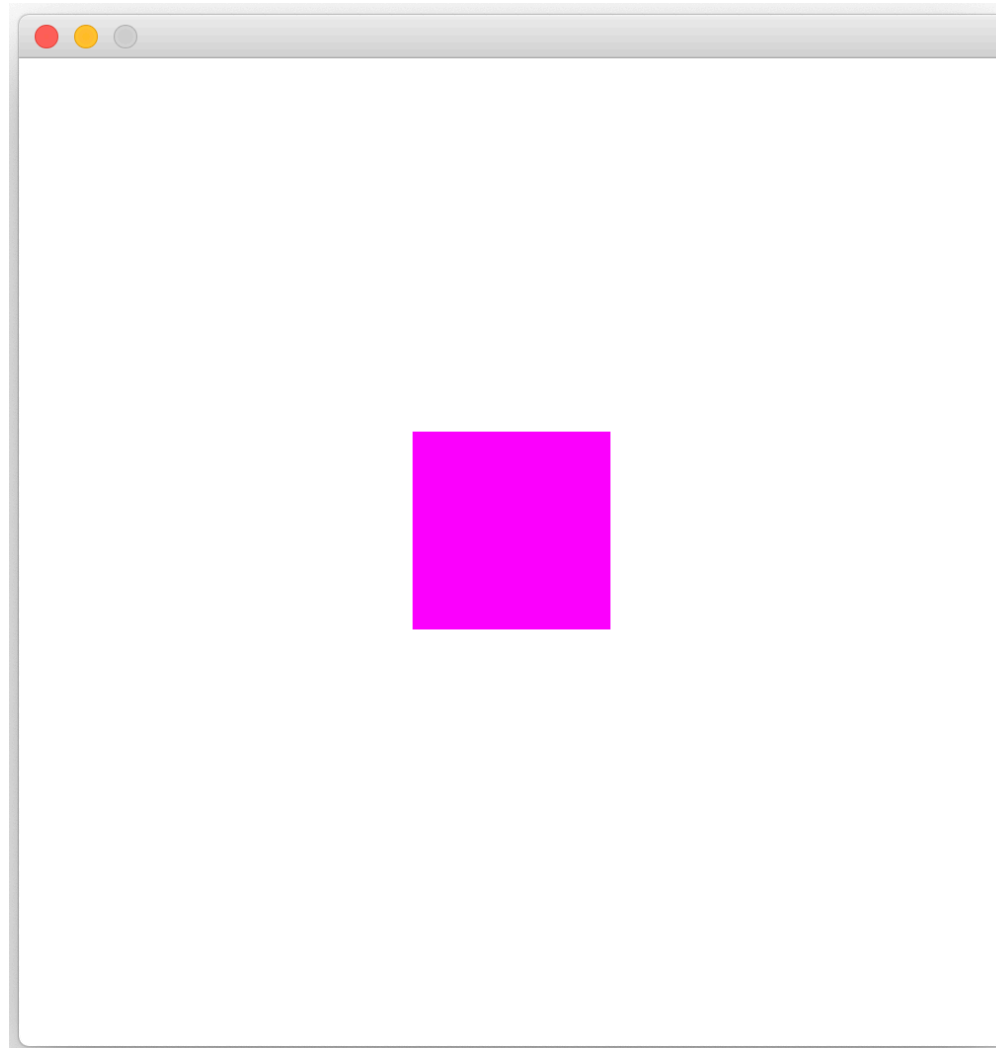
```
def main():  
    window = GWindow()  
    rect = set_up_rect()  
    window.add(rect, x=(window.width-SIZE)/2, y=(window.height-SIZE)/2)  
    vx = 5  
    while True:  
        rect.move(vx, 0)  
        if rect.x <= 0 or rect.x+rect.width >= window.width:  
            vx = -vx  
        pause(10)
```



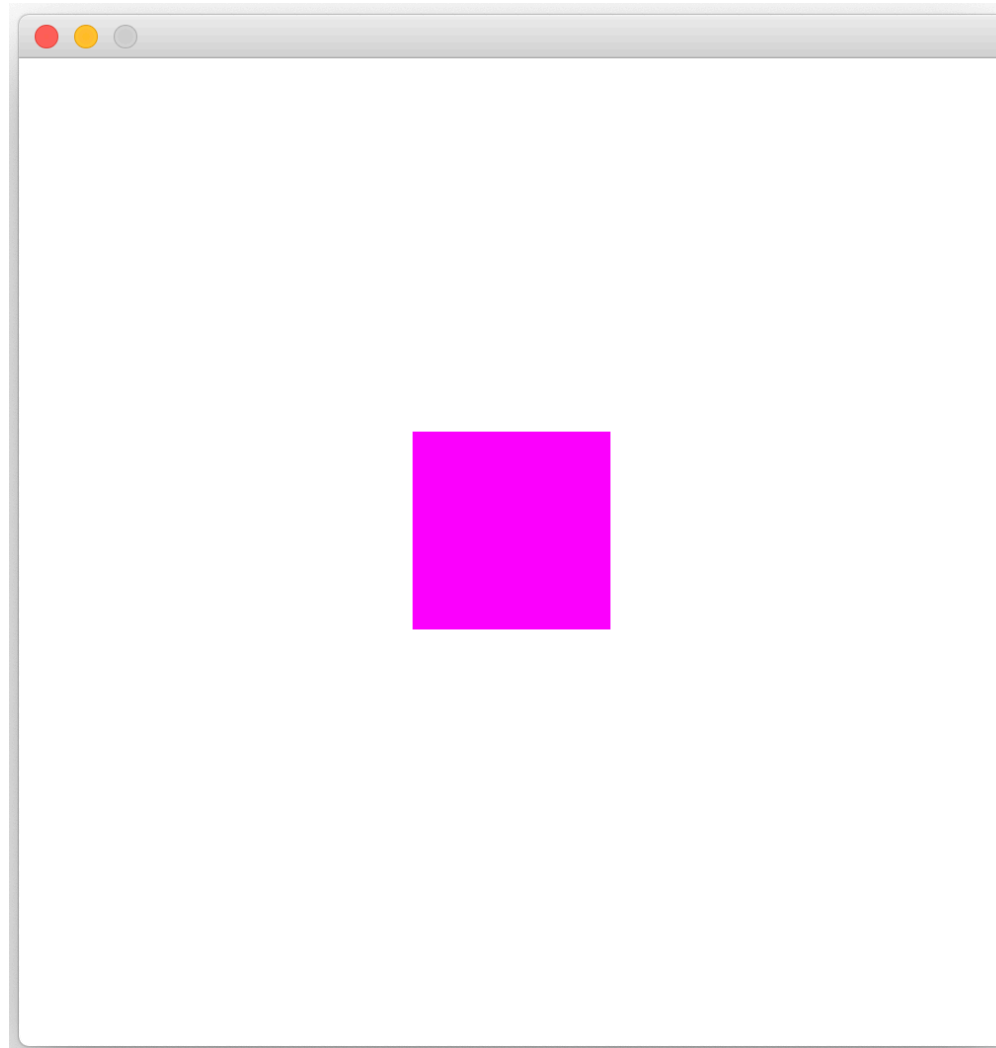
```
def main():  
    window = GWindow()  
    rect = set_up_rect()  
    window.add(rect, x=(window.width-SIZE)/2, y=(window.height-SIZE)/2)  
    vx = 5  
    while True:  
        rect.move(vx, 0)  
        if rect.x <= 0 or rect.x+rect.width >= window.width:  
            vx = -vx  
        pause(10)
```



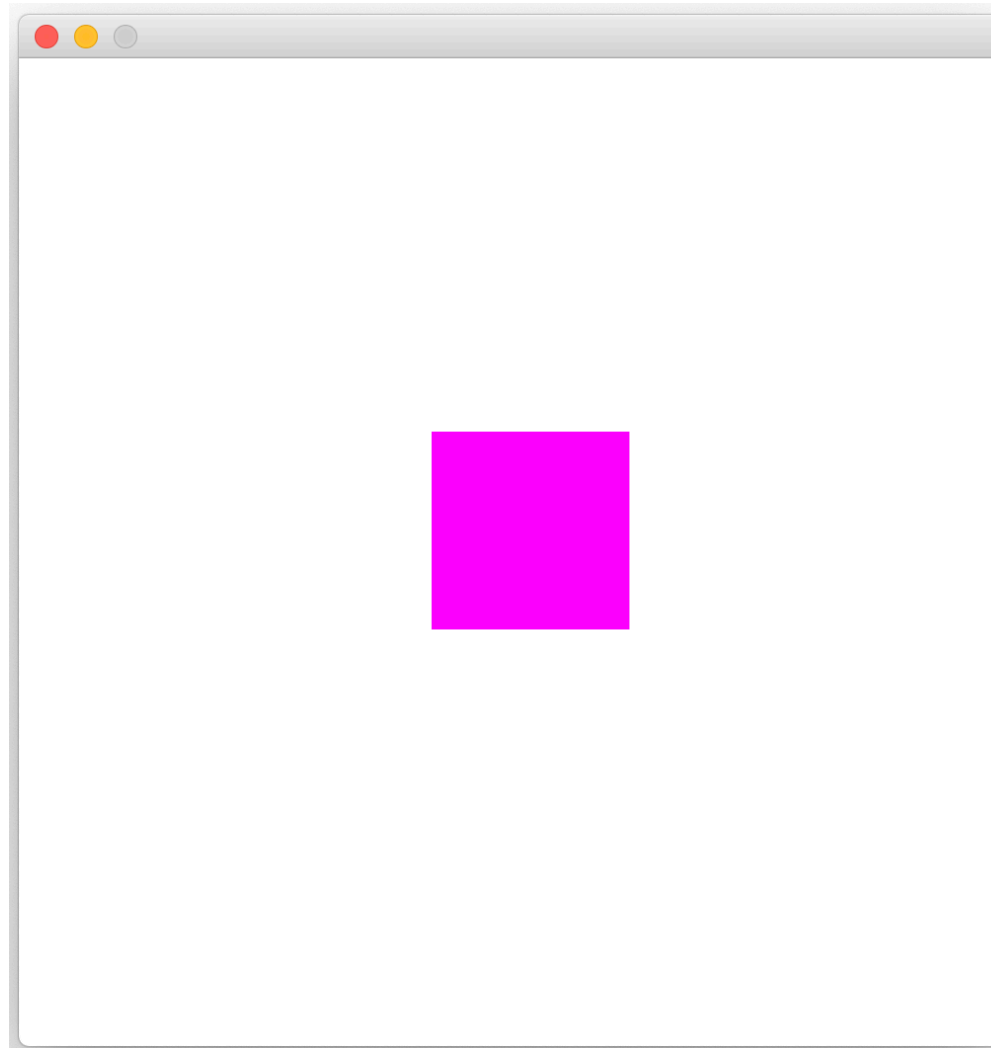
```
def main():  
    window = GWindow()  
    rect = set_up_rect()  
    window.add(rect, x=(window.width-SIZE)/2, y=(window.height-SIZE)/2)  
    vx = 5  
    while True:  
        rect.move(vx, 0)  
        if rect.x <= 0 or rect.x+rect.width >= window.width:  
            vx = -vx  
        pause(10)
```



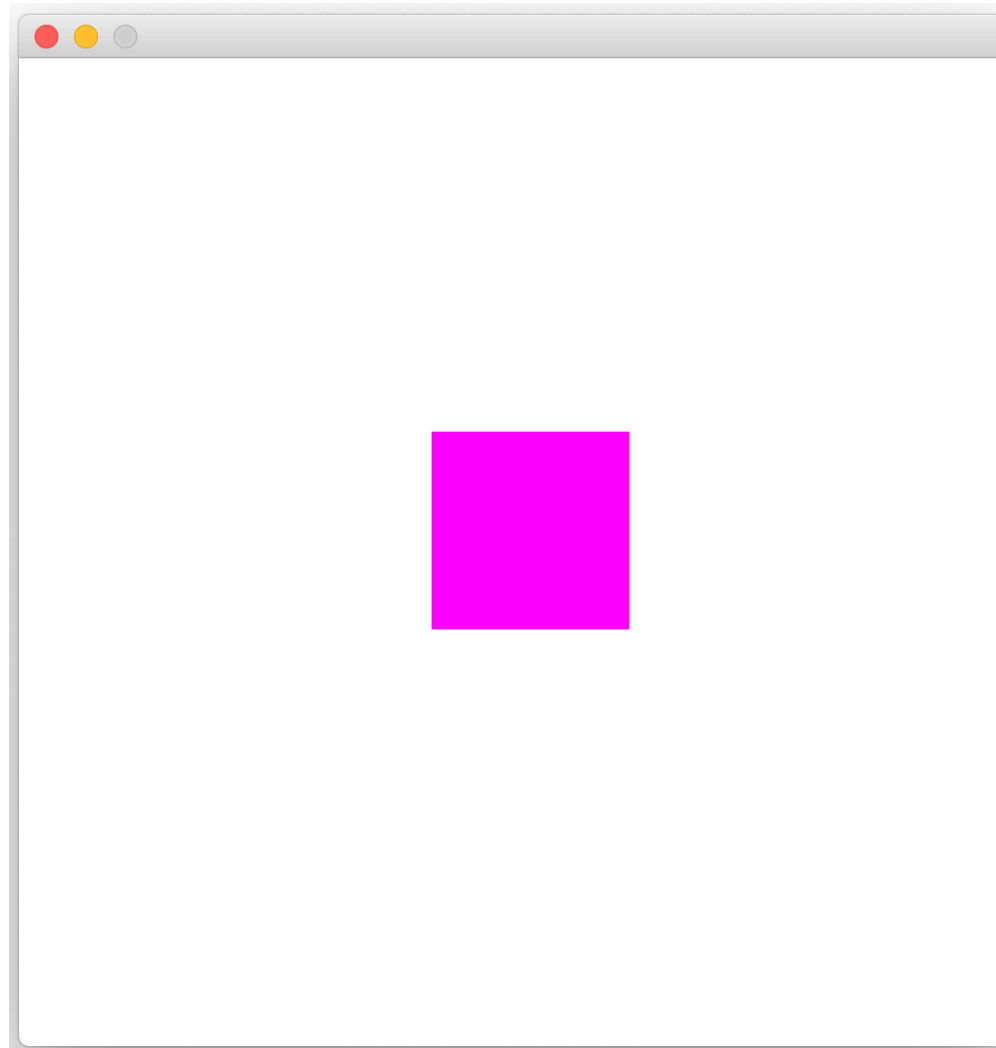
```
def main():  
    window = GWindow()  
    rect = set_up_rect()  
    window.add(rect, x=(window.width-SIZE)/2, y=(window.height-SIZE)/2)  
    vx = 5  
    while True:  
        rect.move(vx, 0)  
        if rect.x <= 0 or rect.x+rect.width >= window.width:  
            vx = -vx  
        pause(10)
```



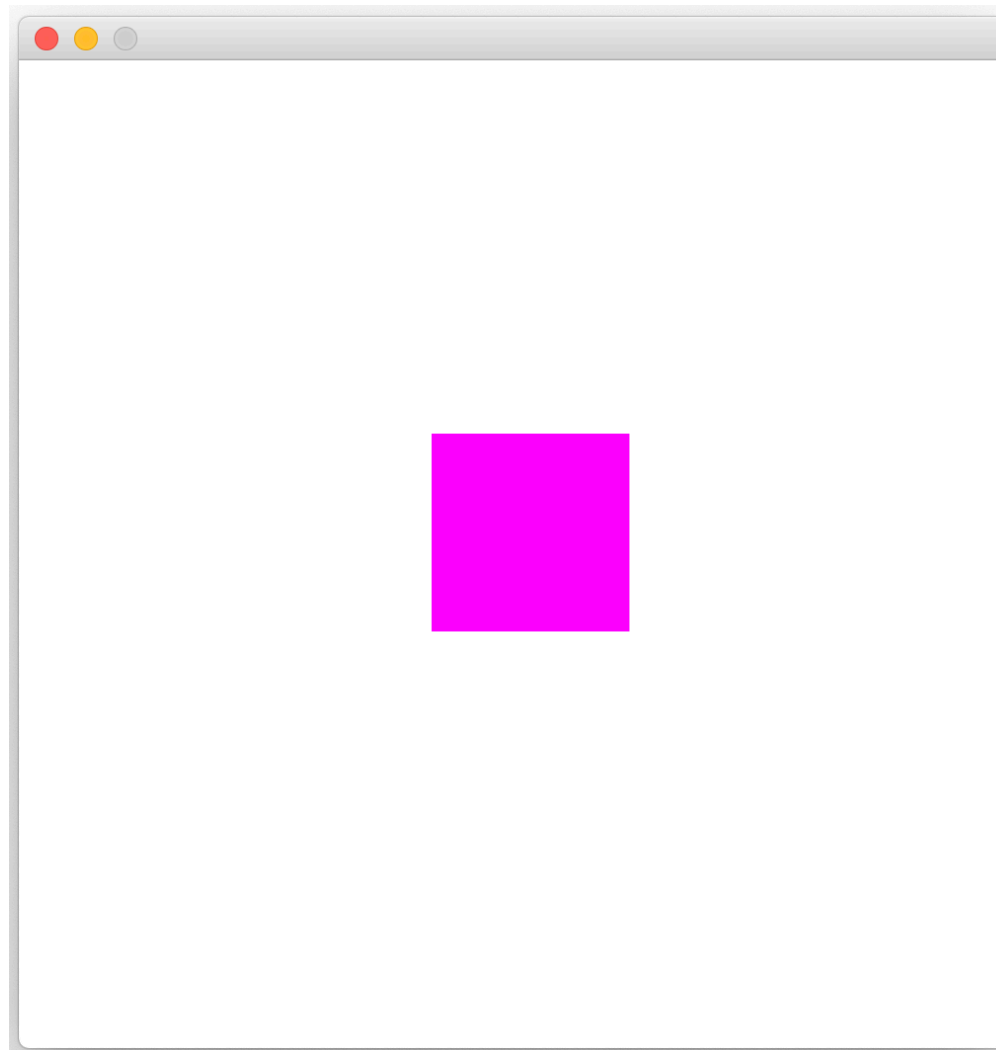
```
def main():  
    window = GWindow()  
    rect = set_up_rect()  
    window.add(rect, x=(window.width-SIZE)/2, y=(window.height-SIZE)/2)  
    vx = 5  
    while True:  
        rect.move(vx, 0)  
        if rect.x <= 0 or rect.x+rect.width >= window.width:  
            vx = -vx  
        pause(10)
```



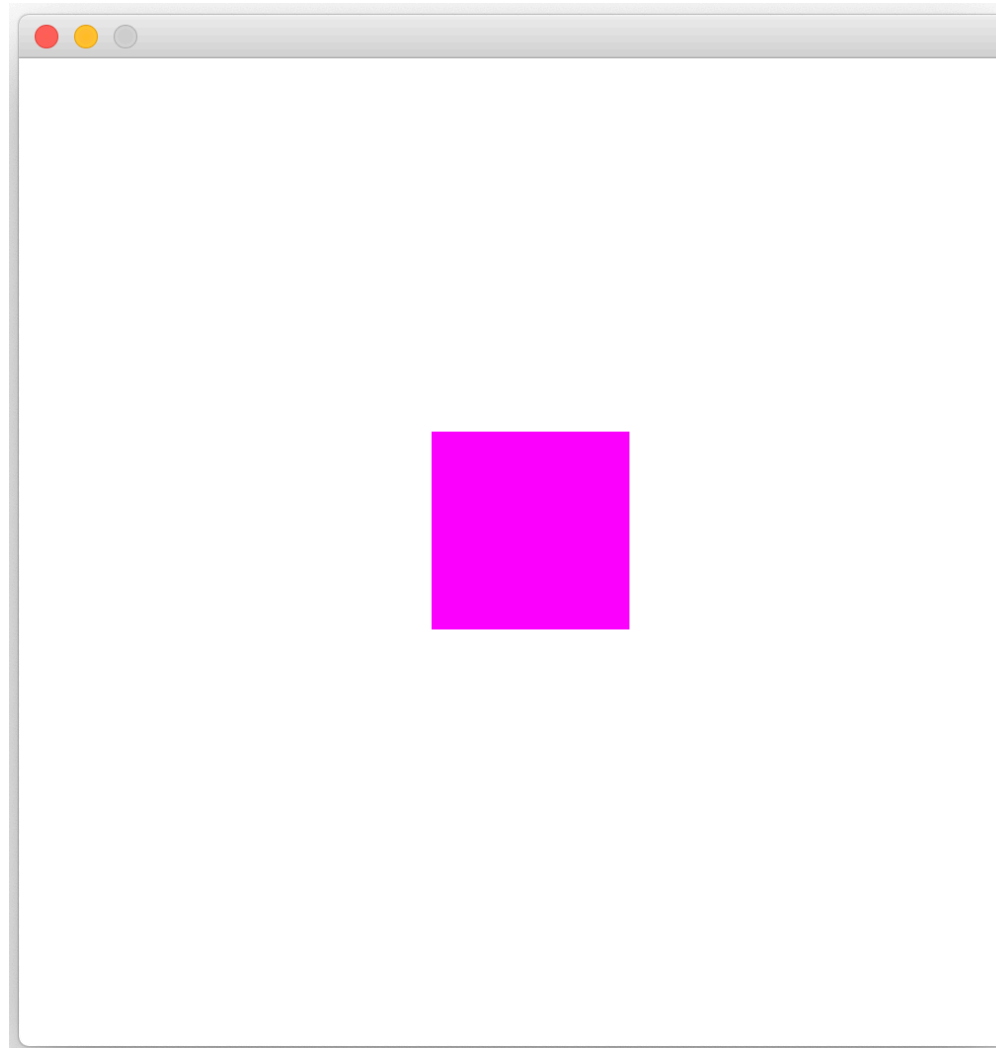
```
def main():  
    window = GWindow()  
    rect = set_up_rect()  
    window.add(rect, x=(window.width-SIZE)/2, y=(window.height-SIZE)/2)  
    vx = 5  
    while True:  
        rect.move(vx, 0)  
        if rect.x <= 0 or rect.x+rect.width >= window.width:  
            vx = -vx  
        pause(10)
```



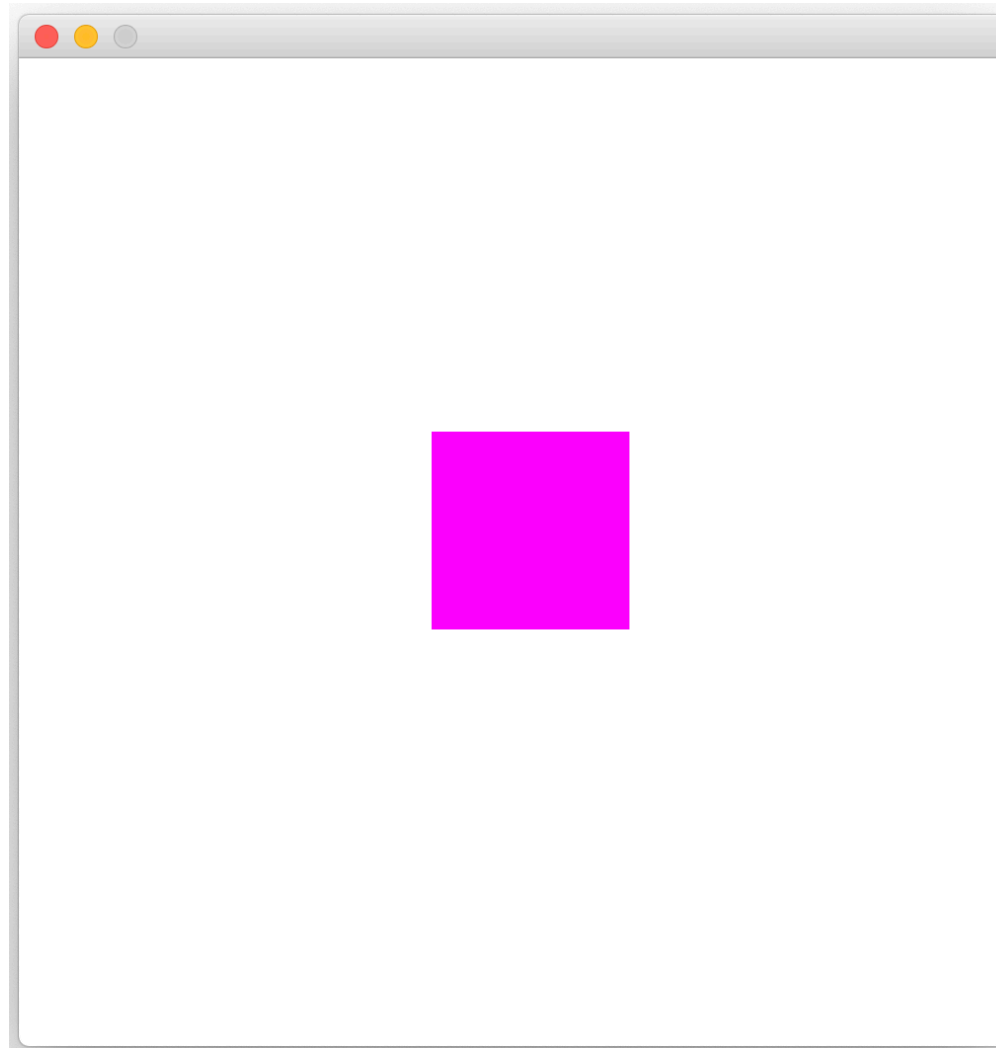
```
def main():  
    window = GWindow()  
    rect = set_up_rect()  
    window.add(rect, x=(window.width-SIZE)/2, y=(window.height-SIZE)/2)  
    vx = 5  
    while True:  
        rect.move(vx, 0)  
        if rect.x <= 0 or rect.x+rect.width >= window.width:  
            vx = -vx  
        pause(10)
```



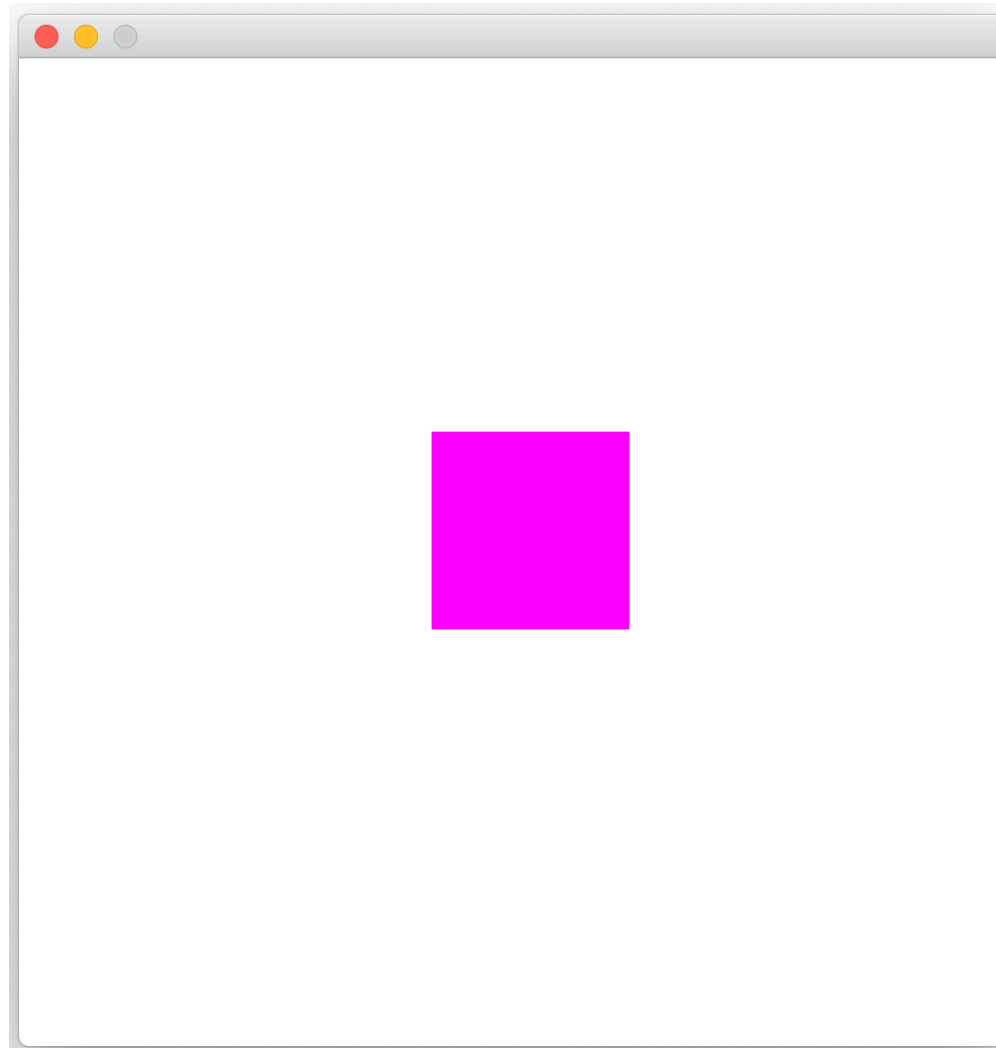

```
def main():  
    window = GWindow()  
    rect = set_up_rect()  
    window.add(rect, x=(window.width-SIZE)/2, y=(window.height-SIZE)/2)  
    vx = 5  
    while True:  
        rect.move(vx, 0)  
        if rect.x <= 0 or rect.x+rect.width >= window.width:  
            vx = -vx  
        pause(10)
```



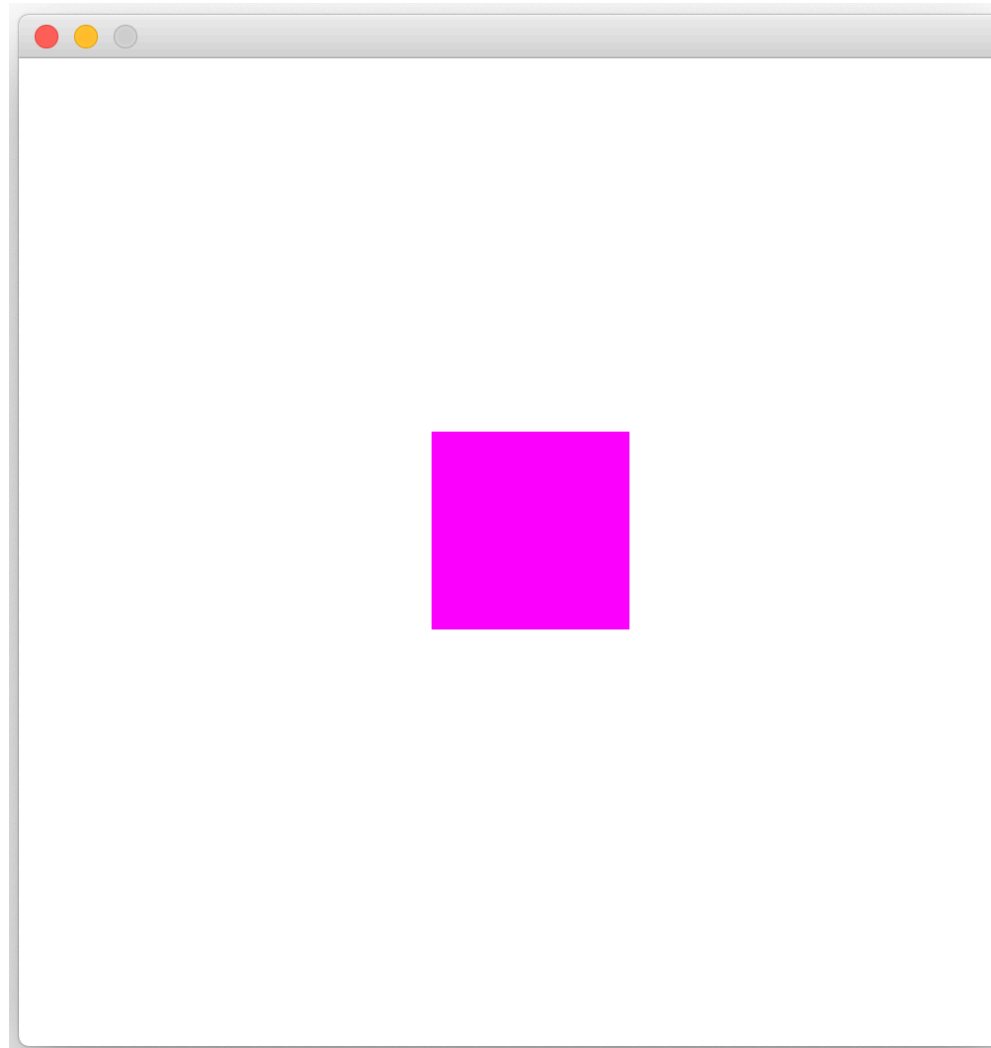
```
def main():  
    window = GWindow()  
    rect = set_up_rect()  
    window.add(rect, x=(window.width-SIZE)/2, y=(window.height-SIZE)/2)  
    vx = 5  
    while True:  
        rect.move(vx, 0)  
        if rect.x <= 0 or rect.x+rect.width >= window.width:  
            vx = -vx  
        pause(10)
```



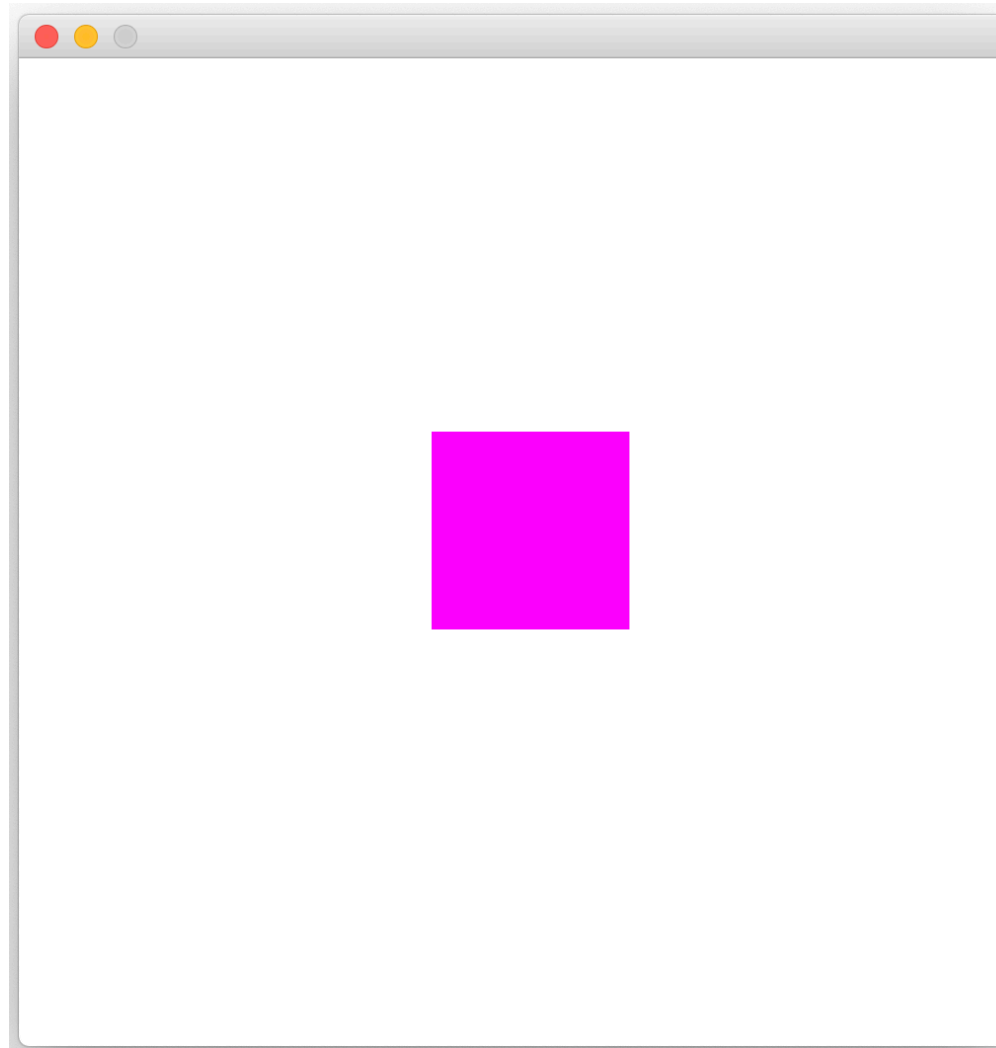
```
def main():  
    window = GWindow()  
    rect = set_up_rect()  
    window.add(rect, x=(window.width-SIZE)/2, y=(window.height-SIZE)/2)  
    vx = 5  
    while True:  
        rect.move(vx, 0)  
        if rect.x <= 0 or rect.x+rect.width >= window.width:  
            vx = -vx  
        pause(10)
```



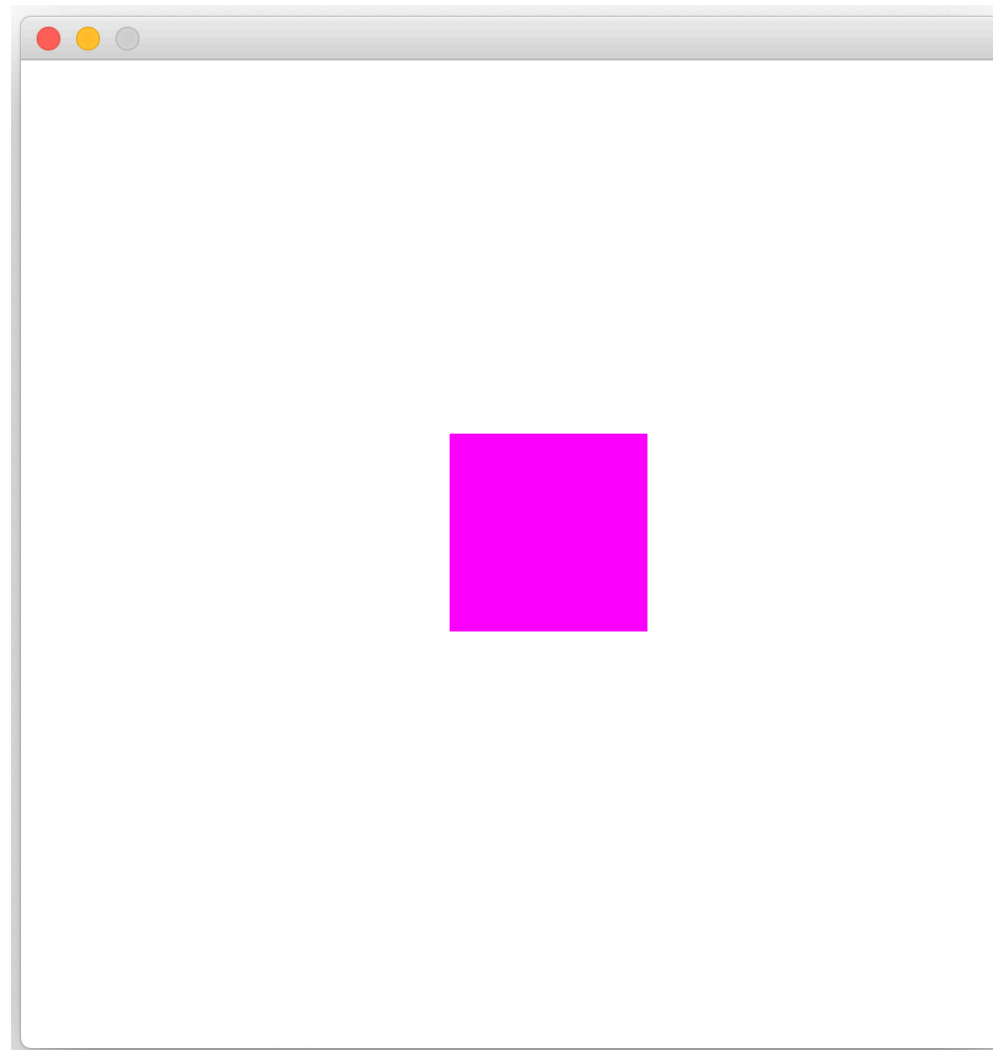
```
def main():  
    window = GWindow()  
    rect = set_up_rect()  
    window.add(rect, x=(window.width-SIZE)/2, y=(window.height-SIZE)/2)  
    vx = 5  
    while True:  
        rect.move(vx, 0)  
        if rect.x <= 0 or rect.x+rect.width >= window.width:  
            vx = -vx  
        pause(10)
```



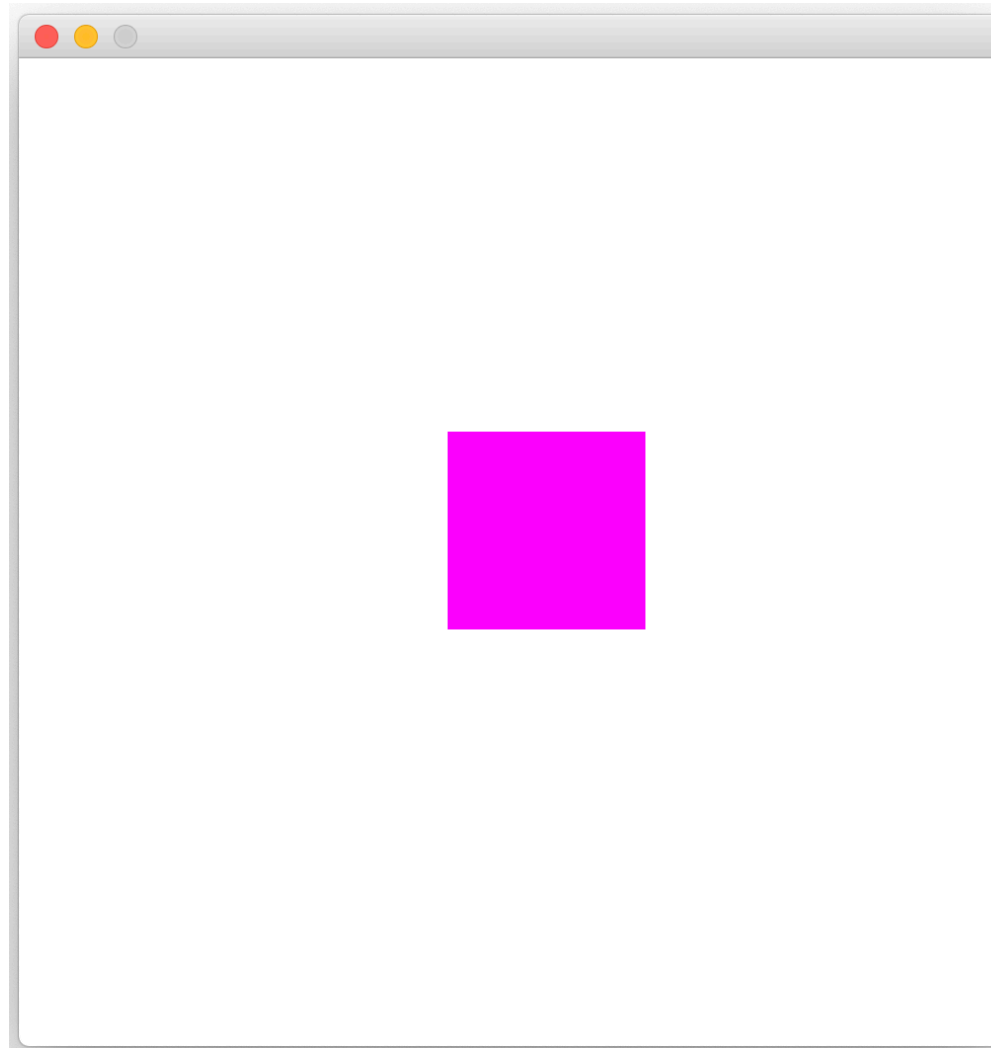
```
def main():  
    window = GWindow()  
    rect = set_up_rect()  
    window.add(rect, x=(window.width-SIZE)/2, y=(window.height-SIZE)/2)  
    vx = 5  
    while True:  
        rect.move(vx, 0)  
        if rect.x <= 0 or rect.x+rect.width >= window.width:  
            vx = -vx  
        pause(10)
```



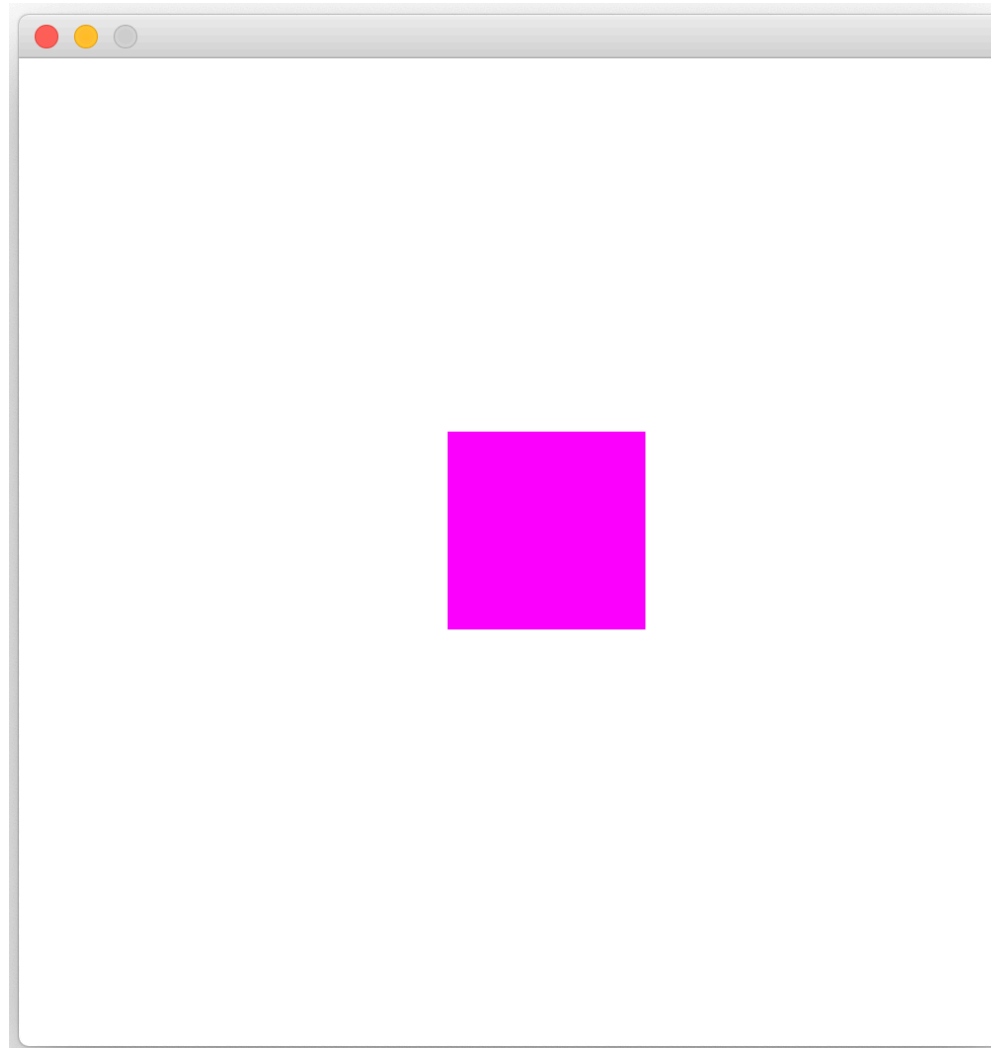
```
def main():  
    window = GWindow()  
    rect = set_up_rect()  
    window.add(rect, x=(window.width-SIZE)/2, y=(window.height-SIZE)/2)  
    vx = 5  
    while True:  
        rect.move(vx, 0)  
        if rect.x <= 0 or rect.x+rect.width >= window.width:  
            vx = -vx  
        pause(10)
```



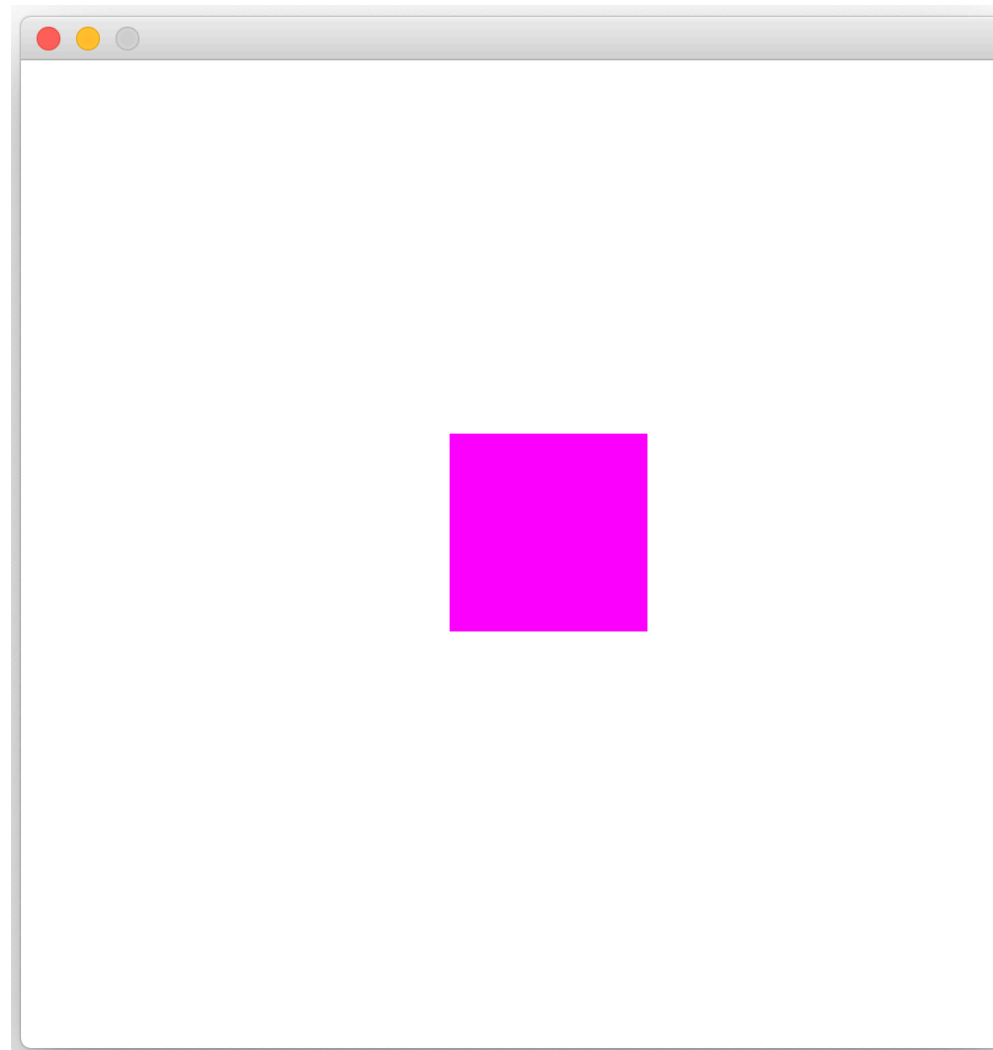
```
def main():  
    window = GWindow()  
    rect = set_up_rect()  
    window.add(rect, x=(window.width-SIZE)/2, y=(window.height-SIZE)/2)  
    vx = 5  
    while True:  
        rect.move(vx, 0)  
        if rect.x <= 0 or rect.x+rect.width >= window.width:  
            vx = -vx  
        pause(10)
```



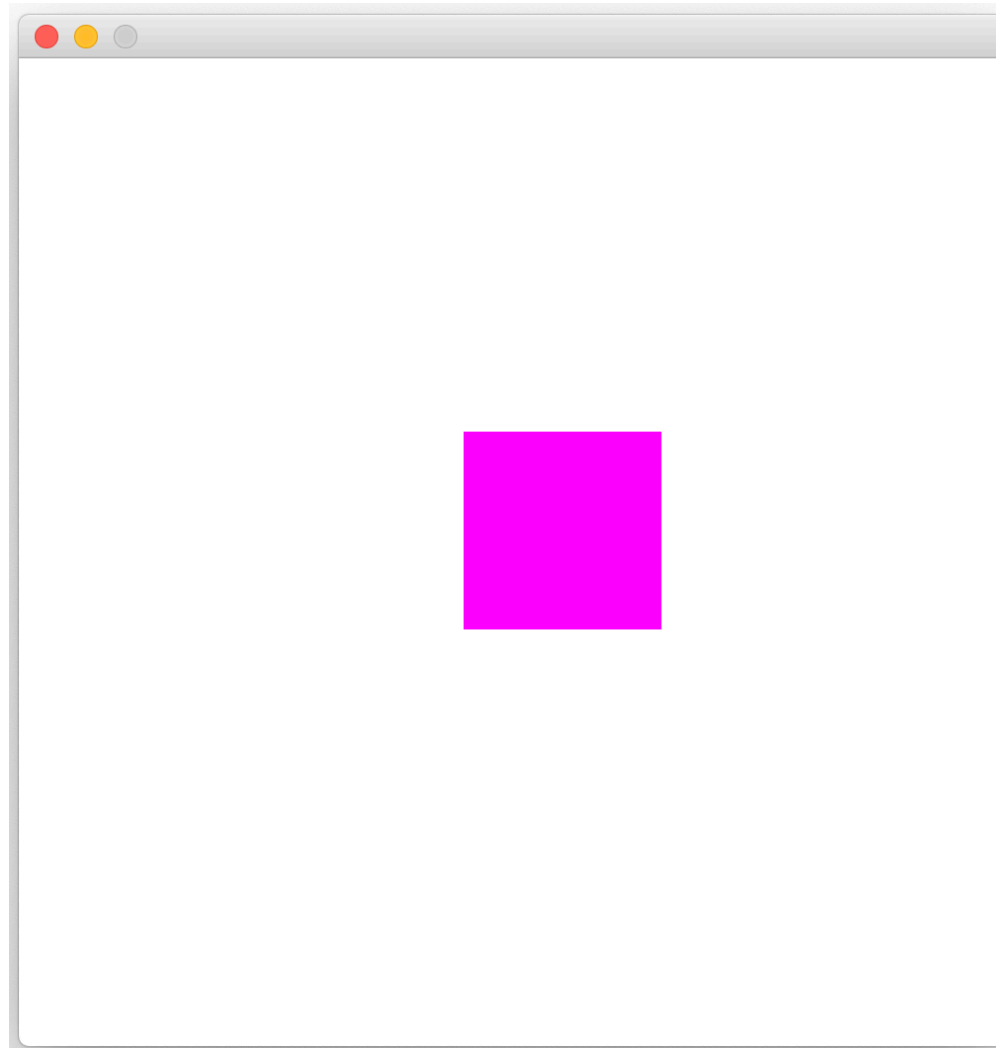
```
def main():  
    window = GWindow()  
    rect = set_up_rect()  
    window.add(rect, x=(window.width-SIZE)/2, y=(window.height-SIZE)/2)  
    vx = 5  
    while True:  
        rect.move(vx, 0)  
        if rect.x <= 0 or rect.x+rect.width >= window.width:  
            vx = -vx  
            pause(10)
```



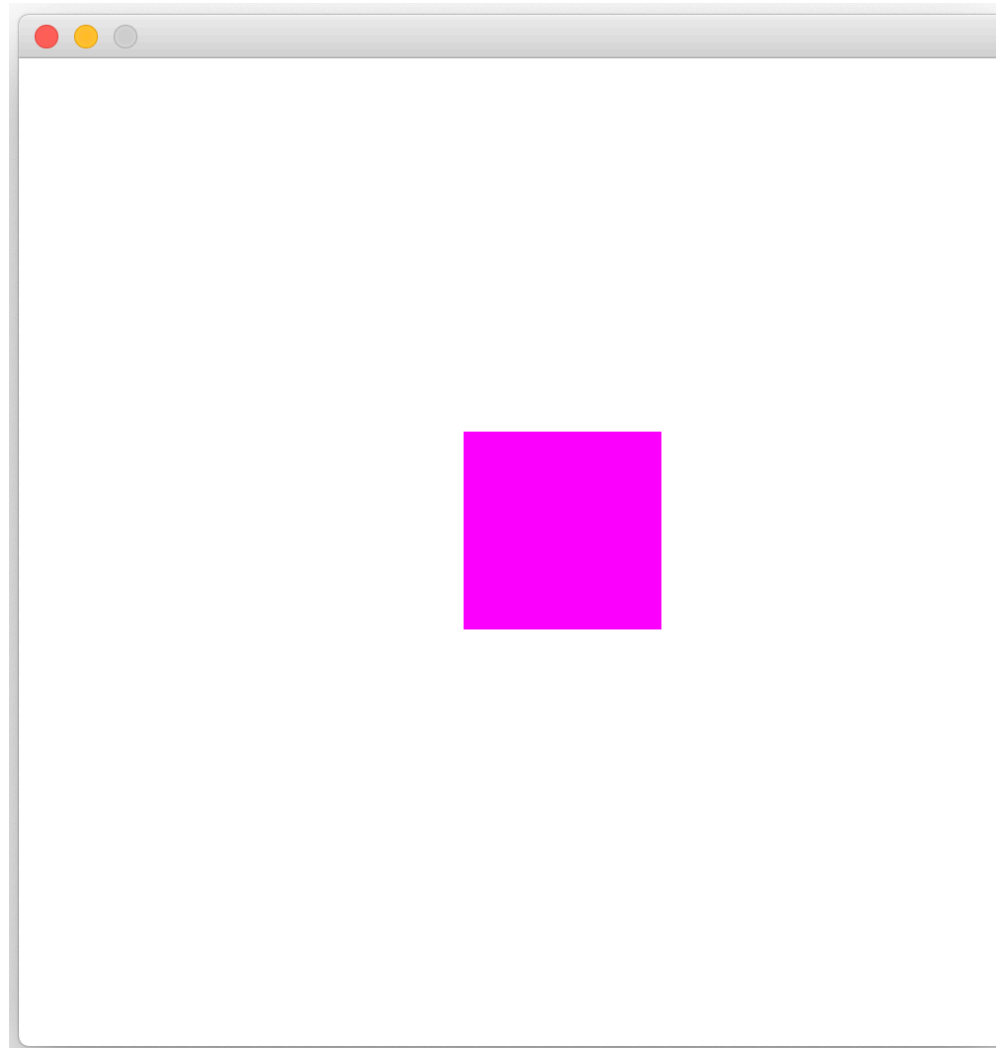

```
def main():  
    window = GWindow()  
    rect = set_up_rect()  
    window.add(rect, x=(window.width-SIZE)/2, y=(window.height-SIZE)/2)  
    vx = 5  
    while True:  
        rect.move(vx, 0)  
        if rect.x <= 0 or rect.x+rect.width >= window.width:  
            vx = -vx  
        pause(10)
```



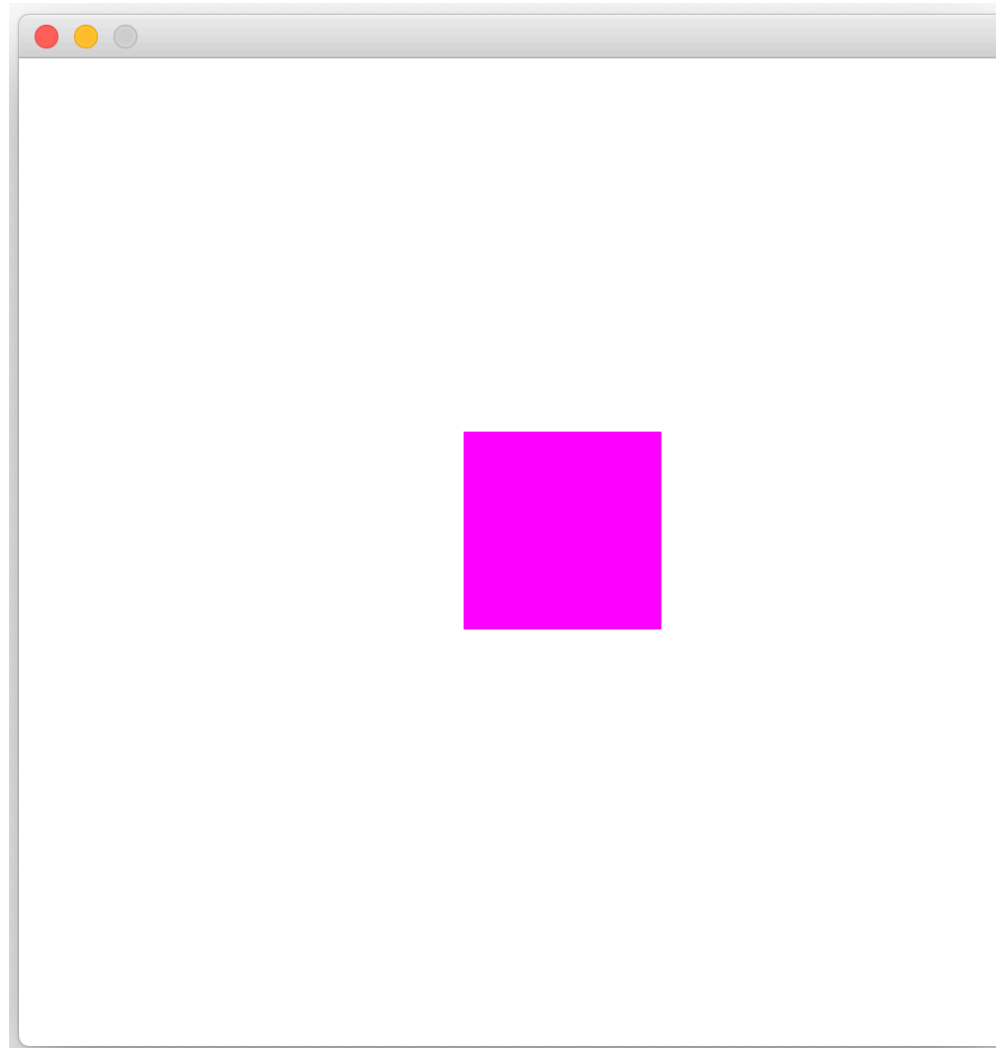
```
def main():  
    window = GWindow()  
    rect = set_up_rect()  
    window.add(rect, x=(window.width-SIZE)/2, y=(window.height-SIZE)/2)  
    vx = 5  
    while True:  
        rect.move(vx, 0)  
        if rect.x <= 0 or rect.x+rect.width >= window.width:  
            vx = -vx  
        pause(10)
```



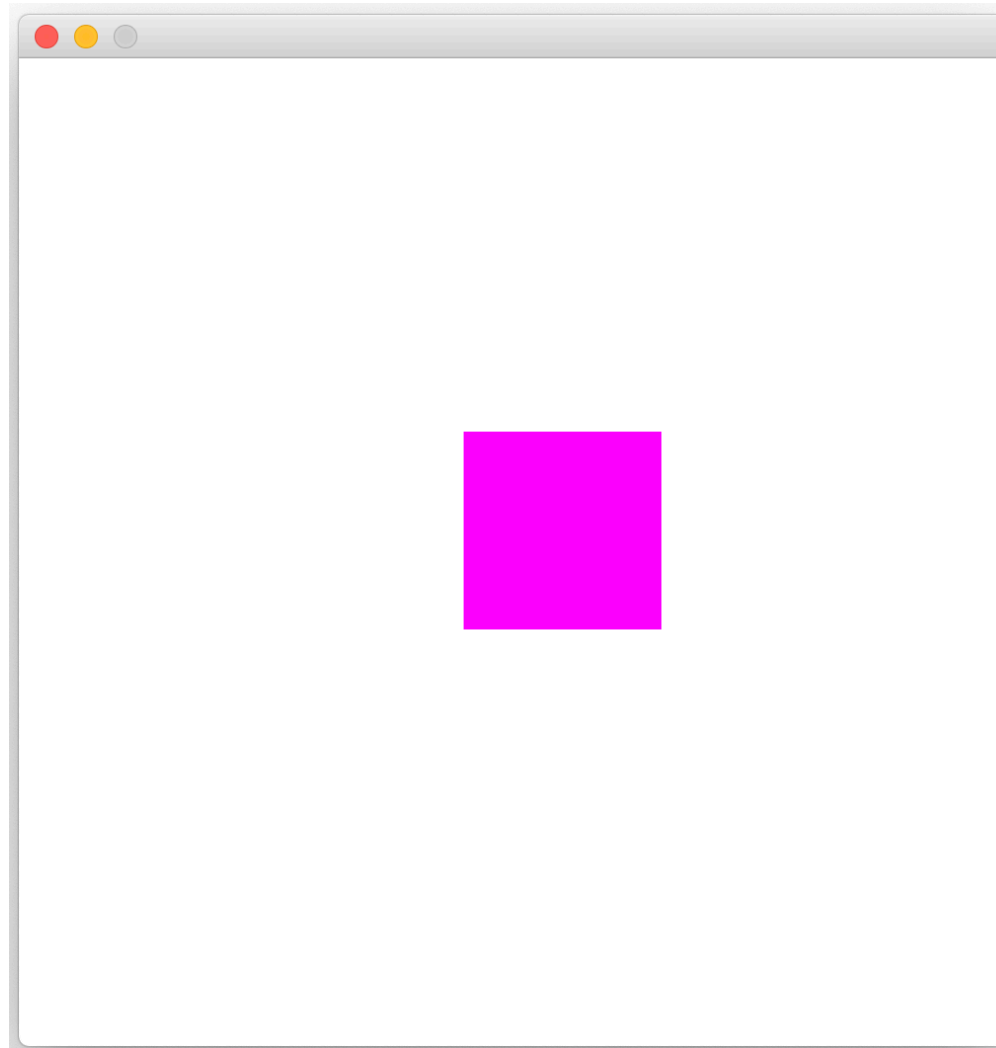
```
def main():  
    window = GWindow()  
    rect = set_up_rect()  
    window.add(rect, x=(window.width-SIZE)/2, y=(window.height-SIZE)/2)  
    vx = 5  
    while True:  
        rect.move(vx, 0)  
        if rect.x <= 0 or rect.x+rect.width >= window.width:  
            vx = -vx  
        pause(10)
```



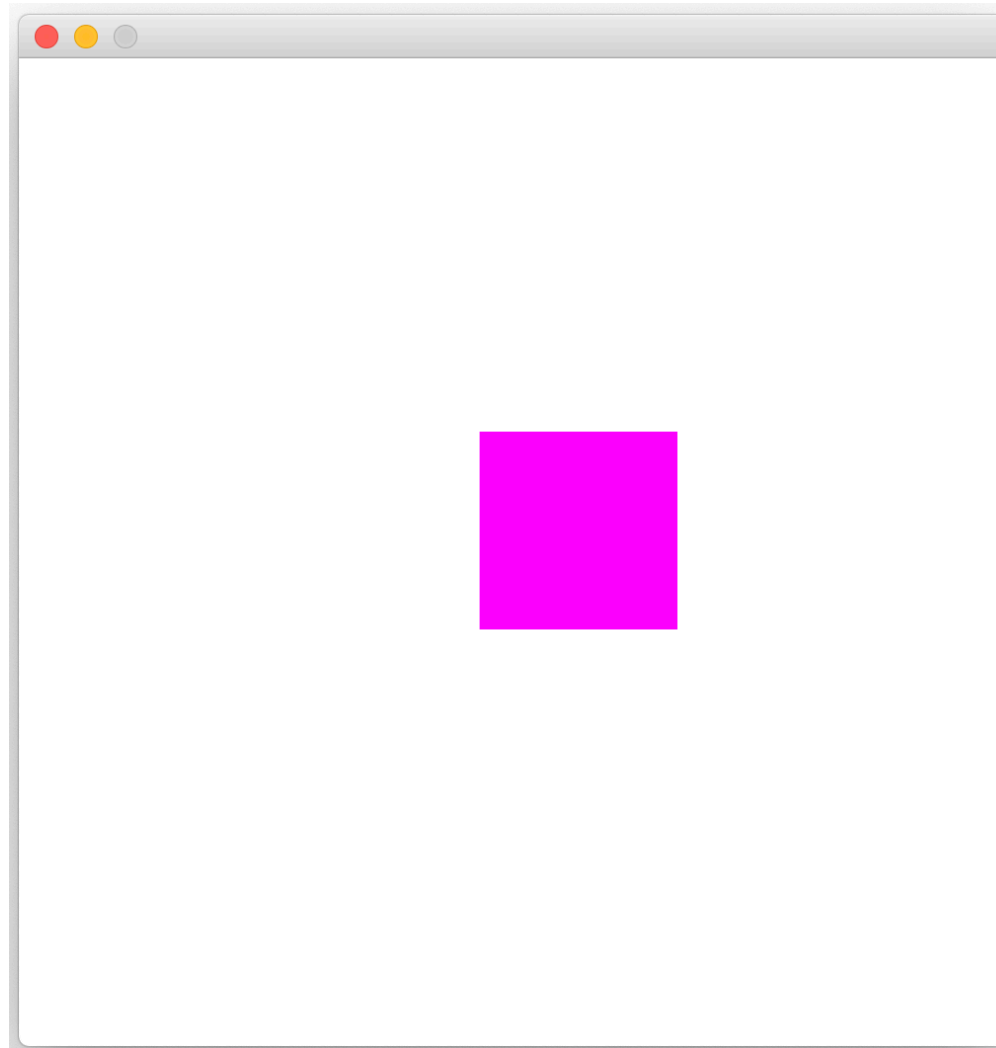
```
def main():  
    window = GWindow()  
    rect = set_up_rect()  
    window.add(rect, x=(window.width-SIZE)/2, y=(window.height-SIZE)/2)  
    vx = 5  
    while True:  
        rect.move(vx, 0)  
        if rect.x <= 0 or rect.x+rect.width >= window.width:  
            vx = -vx  
            pause(10)
```



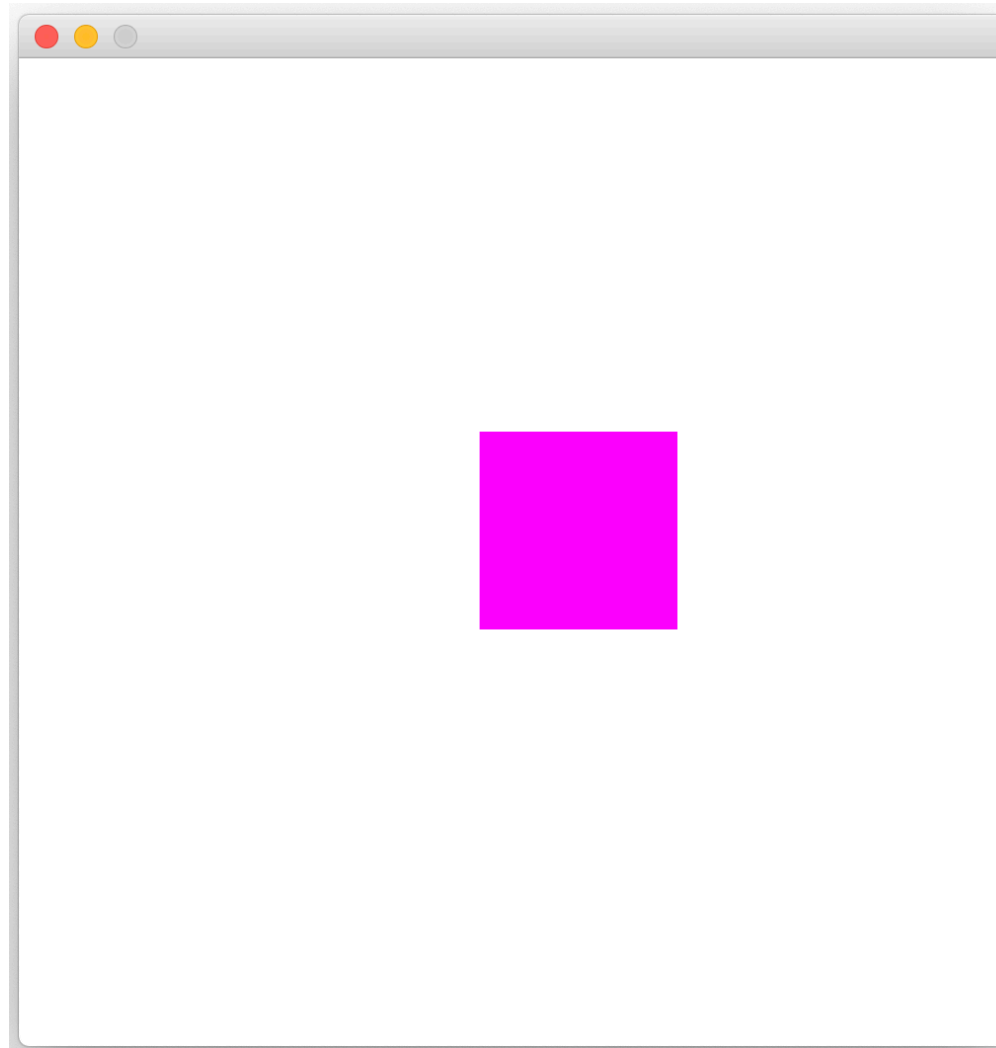
```
def main():  
    window = GWindow()  
    rect = set_up_rect()  
    window.add(rect, x=(window.width-SIZE)/2, y=(window.height-SIZE)/2)  
    vx = 5  
    while True:  
        rect.move(vx, 0)  
        if rect.x <= 0 or rect.x+rect.width >= window.width:  
            vx = -vx  
        pause(10)
```



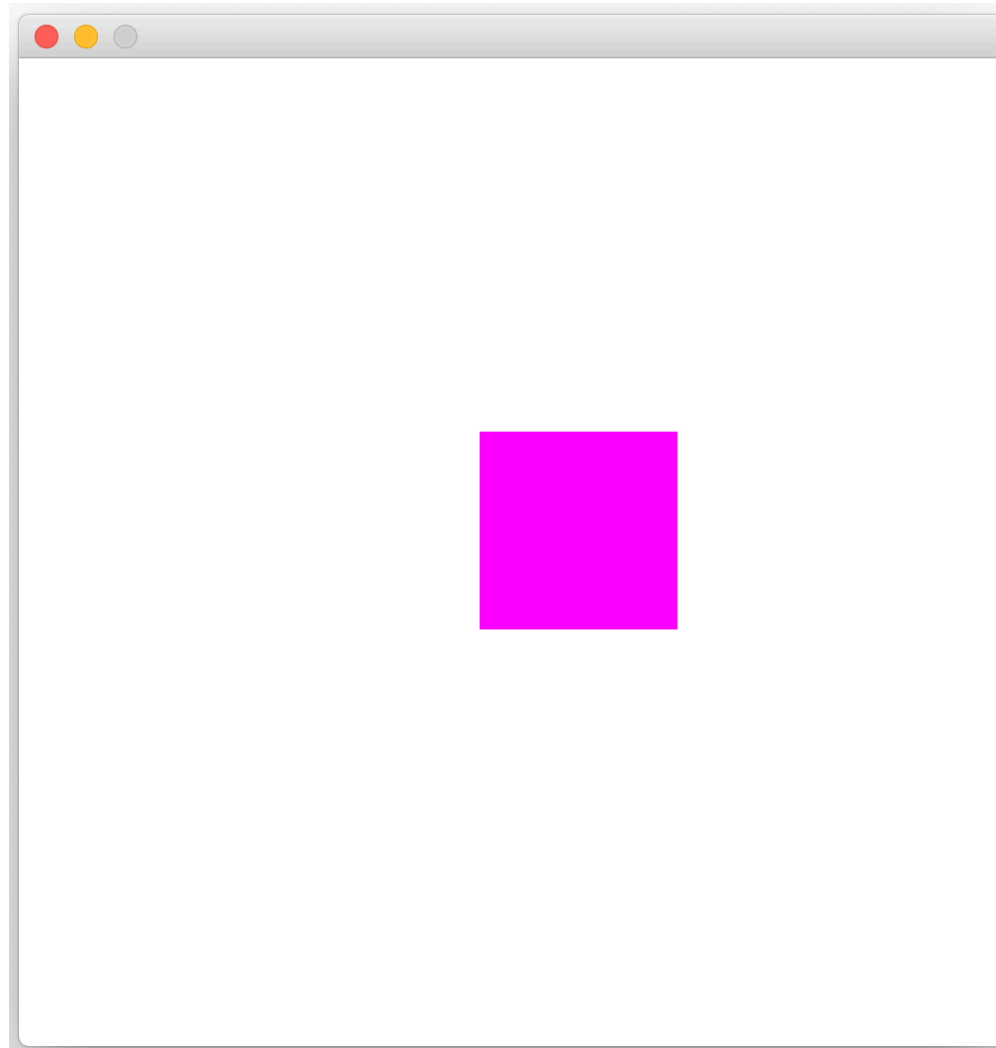
```
def main():  
    window = GWindow()  
    rect = set_up_rect()  
    window.add(rect, x=(window.width-SIZE)/2, y=(window.height-SIZE)/2)  
    vx = 5  
    while True:  
        rect.move(vx, 0)  
        if rect.x <= 0 or rect.x+rect.width >= window.width:  
            vx = -vx  
        pause(10)
```



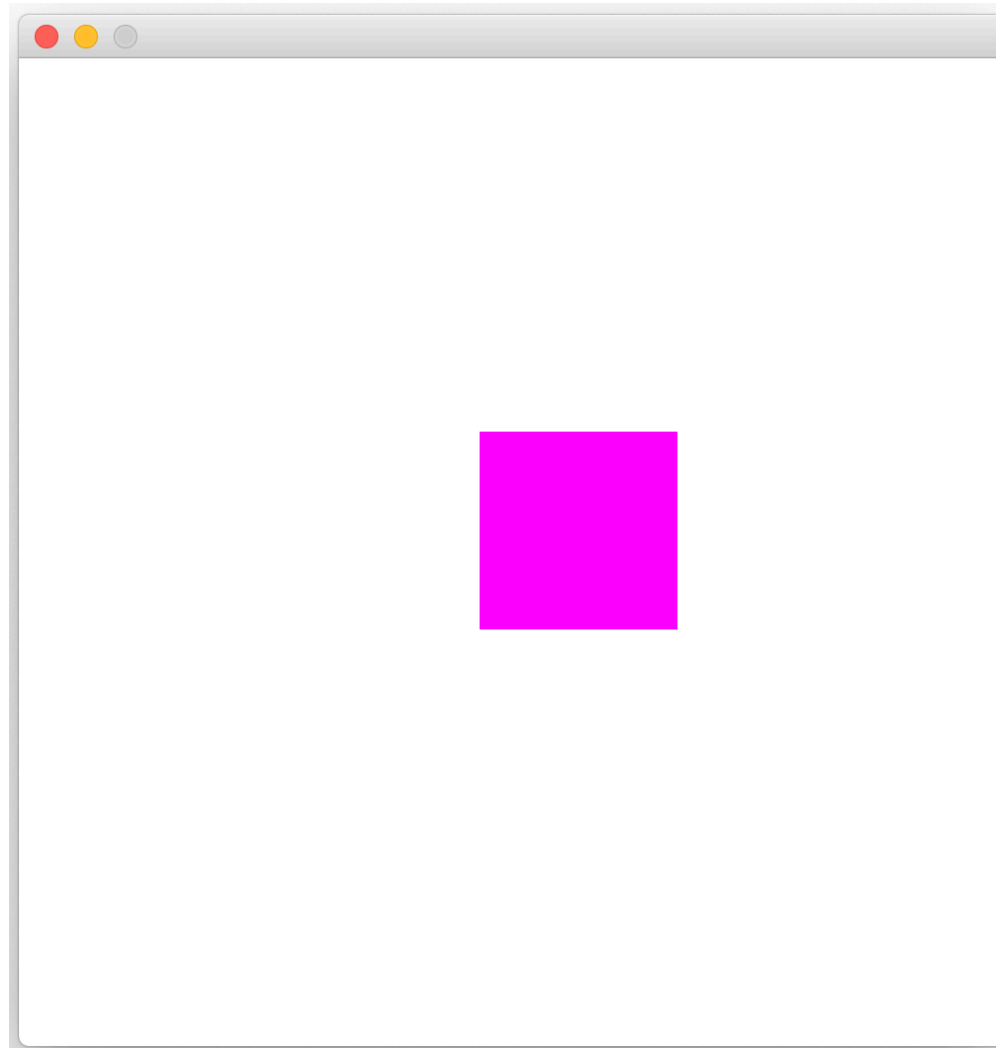
```
def main():  
    window = GWindow()  
    rect = set_up_rect()  
    window.add(rect, x=(window.width-SIZE)/2, y=(window.height-SIZE)/2)  
    vx = 5  
    while True:  
        rect.move(vx, 0)  
        if rect.x <= 0 or rect.x+rect.width >= window.width:  
            vx = -vx  
        pause(10)
```



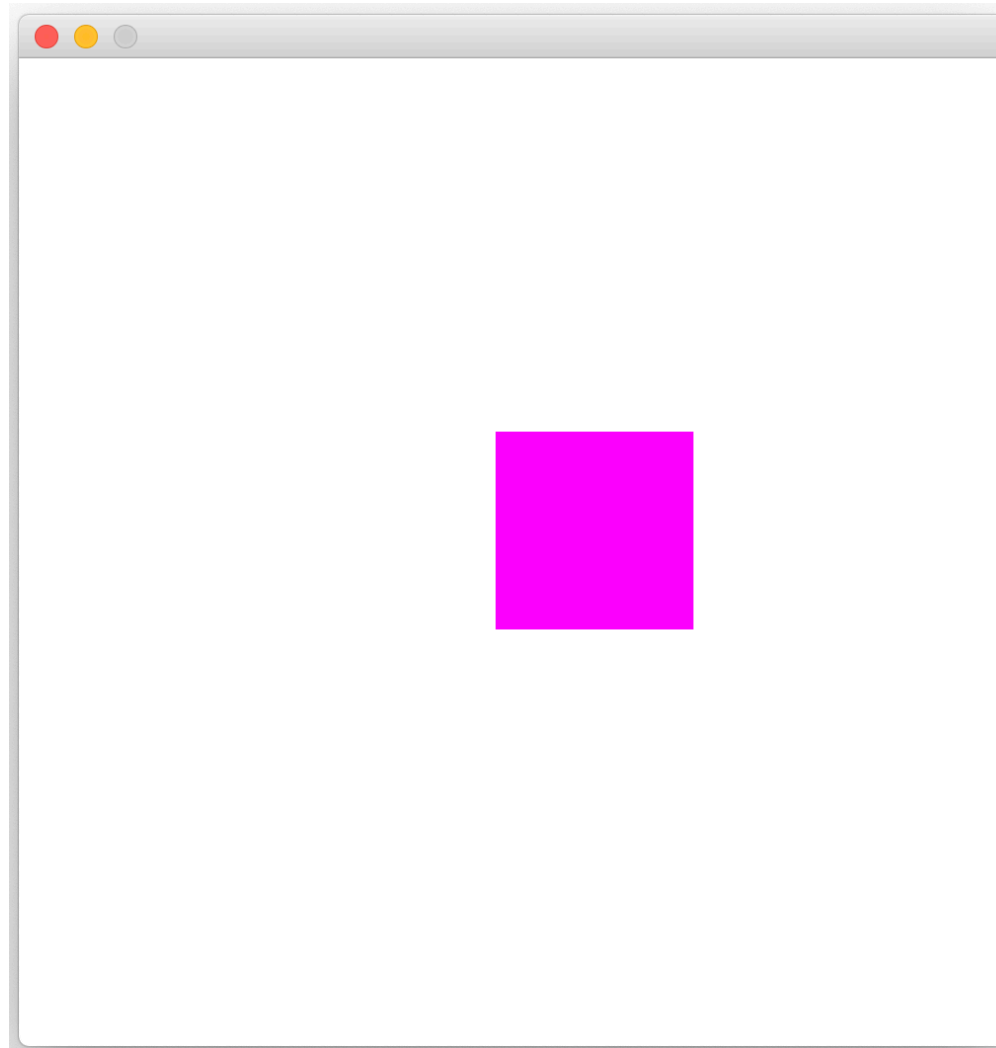
```
def main():  
    window = GWindow()  
    rect = set_up_rect()  
    window.add(rect, x=(window.width-SIZE)/2, y=(window.height-SIZE)/2)  
    vx = 5  
    while True:  
        rect.move(vx, 0)  
        if rect.x <= 0 or rect.x+rect.width >= window.width:  
            vx = -vx  
        pause(10)
```



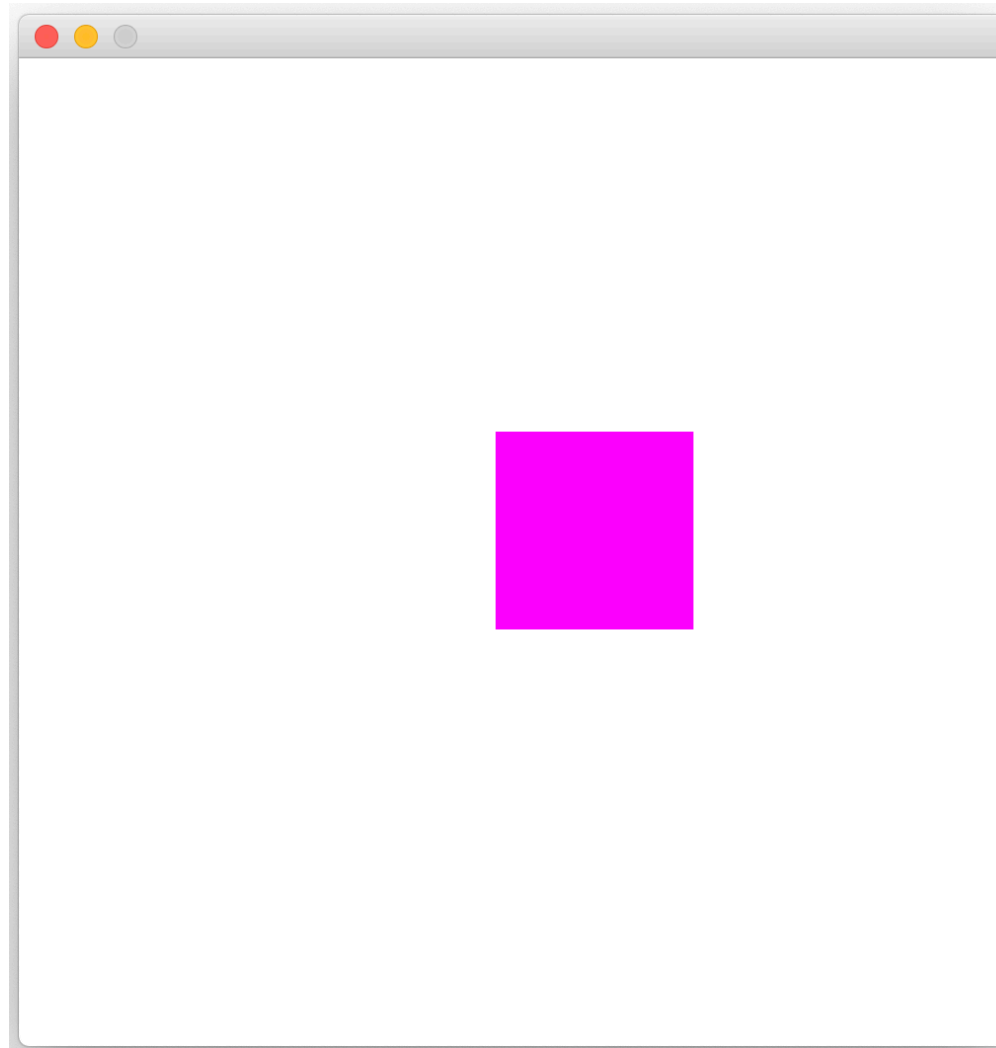

```
def main():  
    window = GWindow()  
    rect = set_up_rect()  
    window.add(rect, x=(window.width-SIZE)/2, y=(window.height-SIZE)/2)  
    vx = 5  
    while True:  
        rect.move(vx, 0)  
        if rect.x <= 0 or rect.x+rect.width >= window.width:  
            vx = -vx  
        pause(10)
```



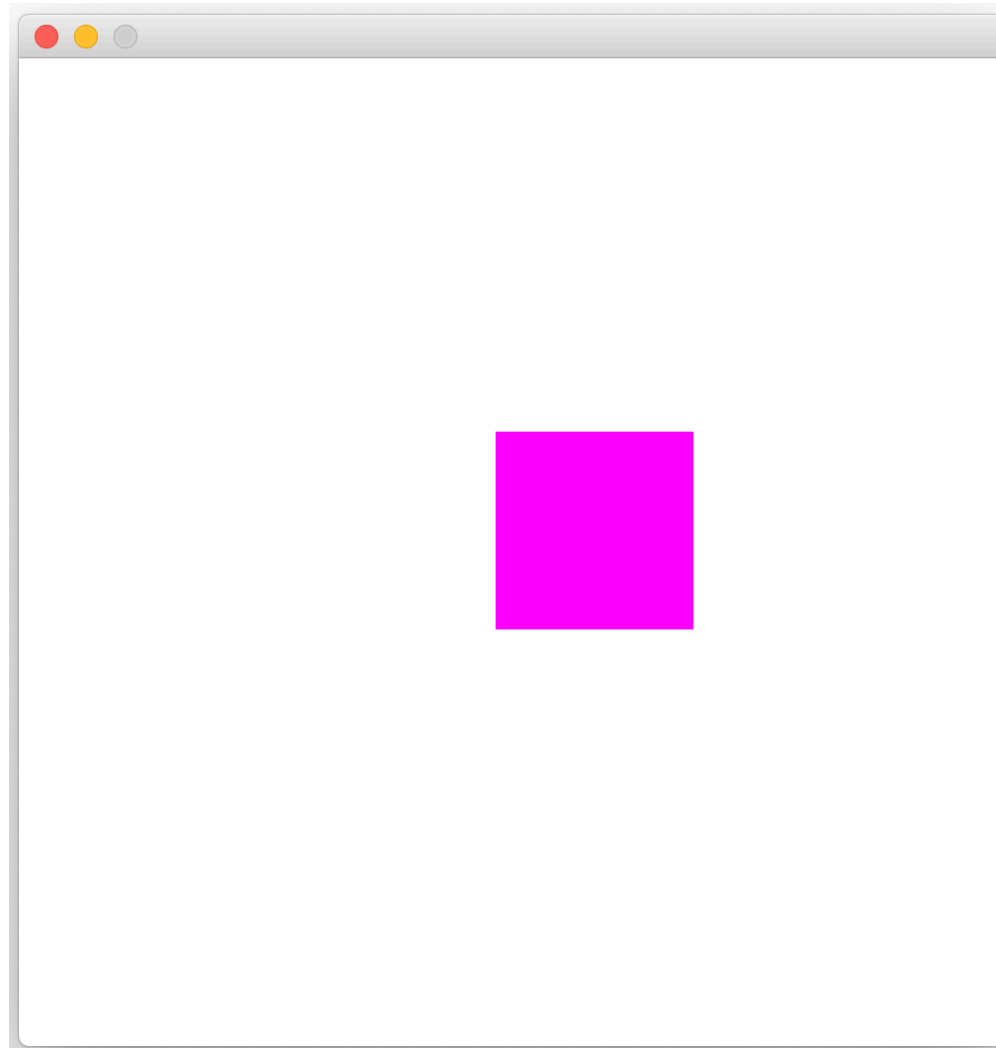
```
def main():  
    window = GWindow()  
    rect = set_up_rect()  
    window.add(rect, x=(window.width-SIZE)/2, y=(window.height-SIZE)/2)  
    vx = 5  
    while True:  
        rect.move(vx, 0)  
        if rect.x <= 0 or rect.x+rect.width >= window.width:  
            vx = -vx  
        pause(10)
```



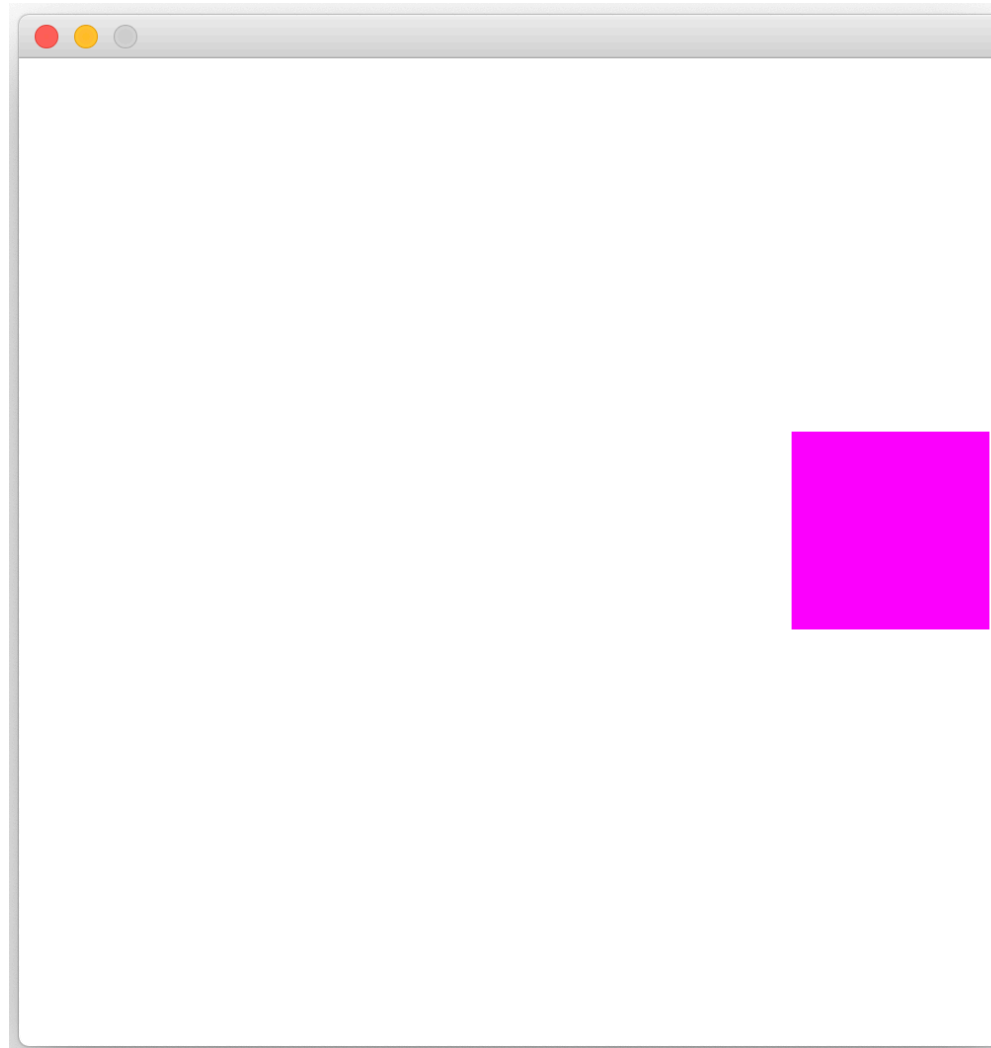
```
def main():  
    window = GWindow()  
    rect = set_up_rect()  
    window.add(rect, x=(window.width-SIZE)/2, y=(window.height-SIZE)/2)  
    vx = 5  
    while True:  
        rect.move(vx, 0)  
        if rect.x <= 0 or rect.x+rect.width >= window.width:  
            vx = -vx  
        pause(10)
```



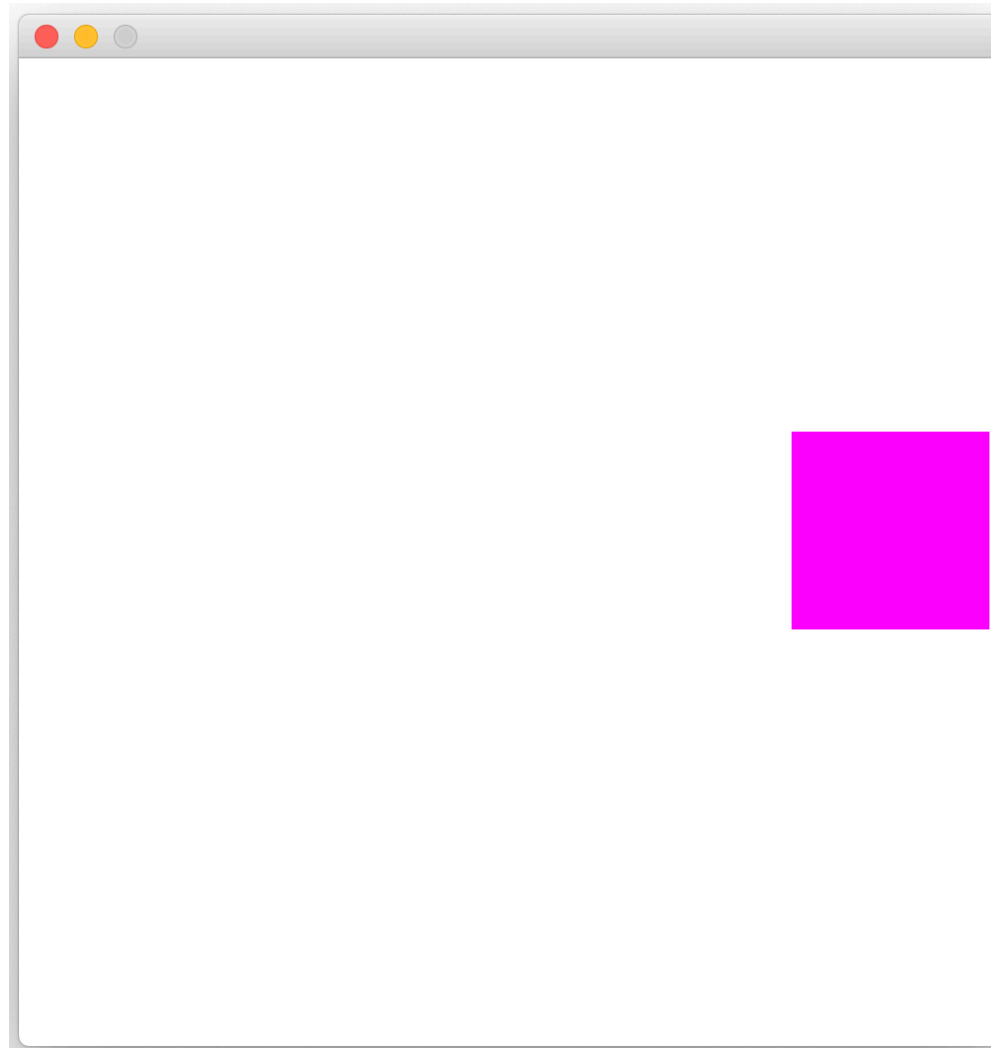
```
def main():  
    window = GWindow()  
    rect = set_up_rect()  
    window.add(rect, x=(window.width-SIZE)/2, y=(window.height-SIZE)/2)  
    vx = 5  
    while True:  
        rect.move(vx, 0)  
        if rect.x <= 0 or rect.x+rect.width >= window.width:  
            vx = -vx  
        pause(10)
```



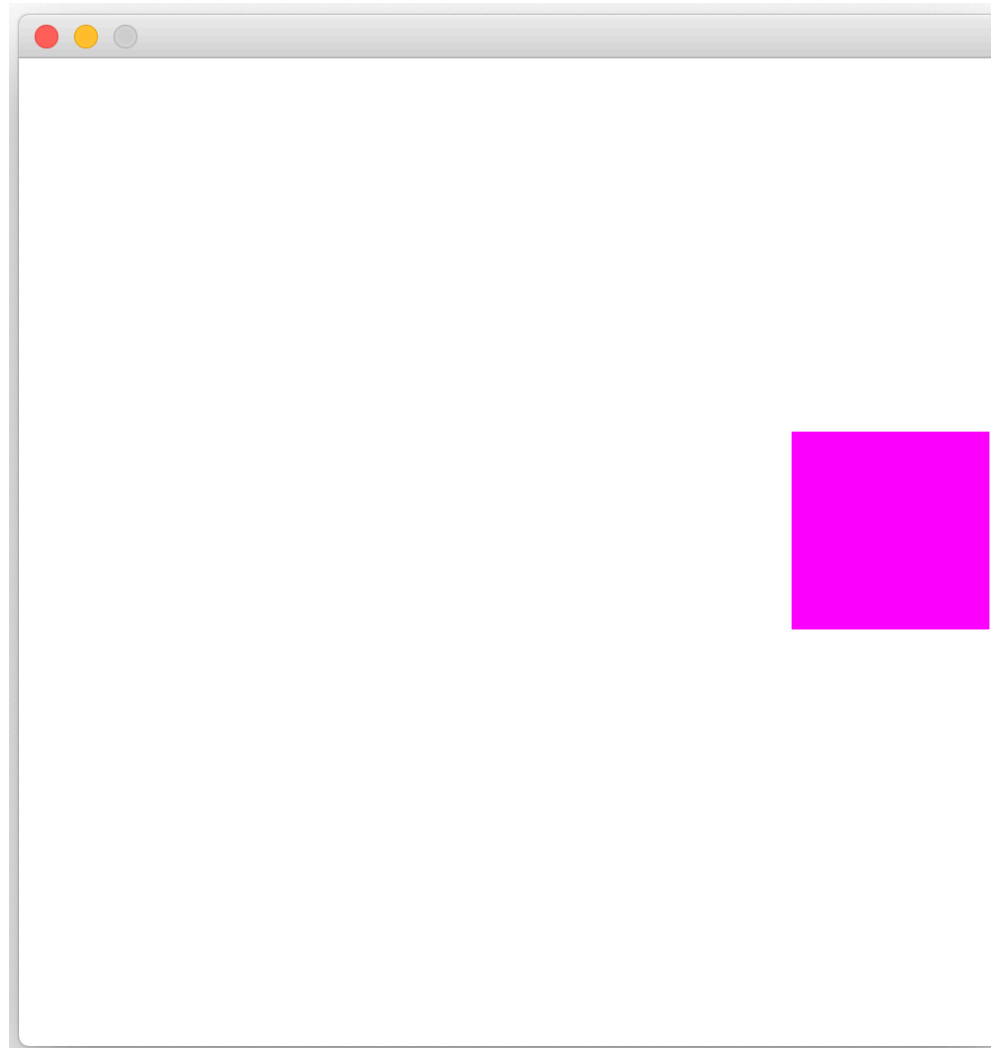
```
def main():  
    window = GWindow()  
    rect = set_up_rect()  
    window.add(rect, x=(window.width-SIZE)/2, y=(window.height-SIZE)/2)  
    vx = 5  
    while True:  
        rect.move(vx, 0)  
        if rect.x <= 0 or rect.x+rect.width >= window.width:  
            vx = -vx  
        pause(10)
```



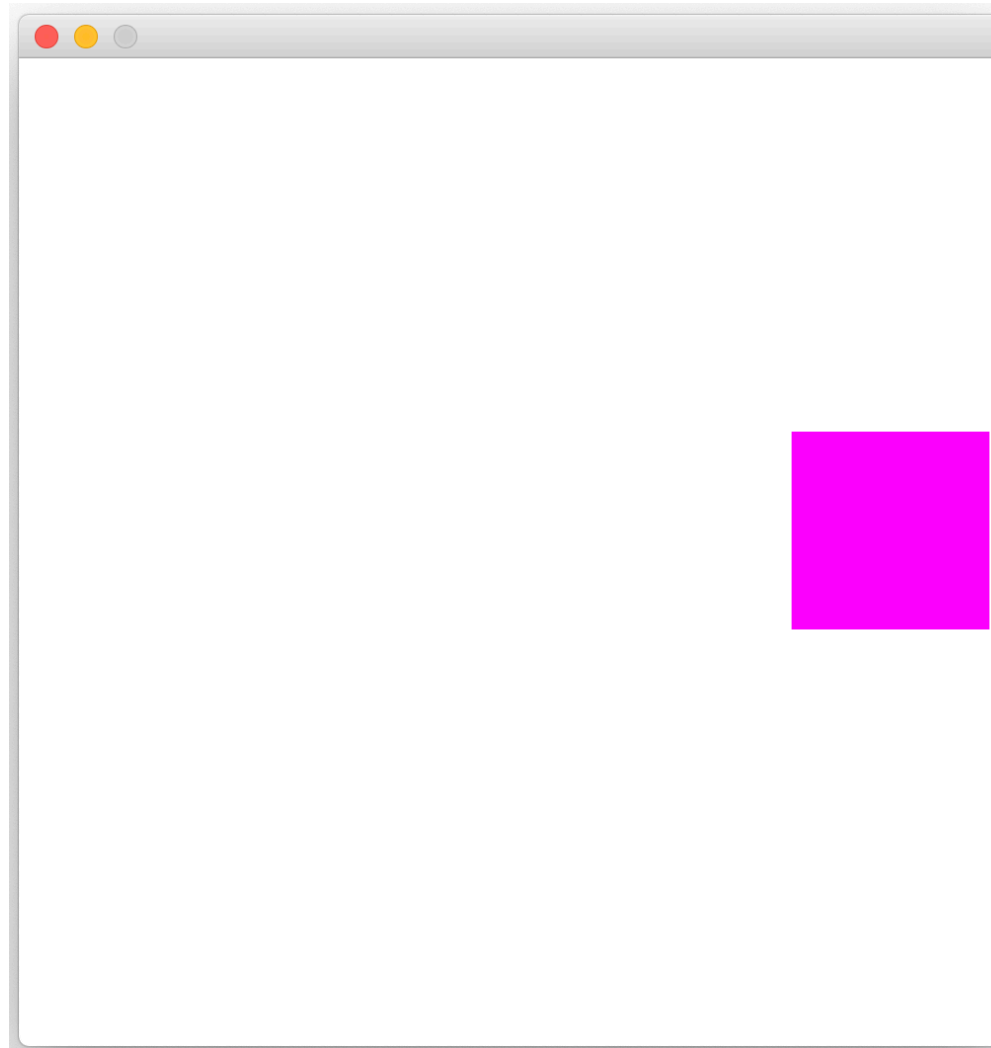
```
def main():  
    window = GWindow()  
    rect = set_up_rect()  
    window.add(rect, x=(window.width-SIZE)/2, y=(window.height-SIZE)/2)  
    vx = 5  
    while True:  
        rect.move(vx, 0)  
        if rect.x <= 0 or rect.x+rect.width >= window.width:  
            vx = -vx  
        pause(10)
```



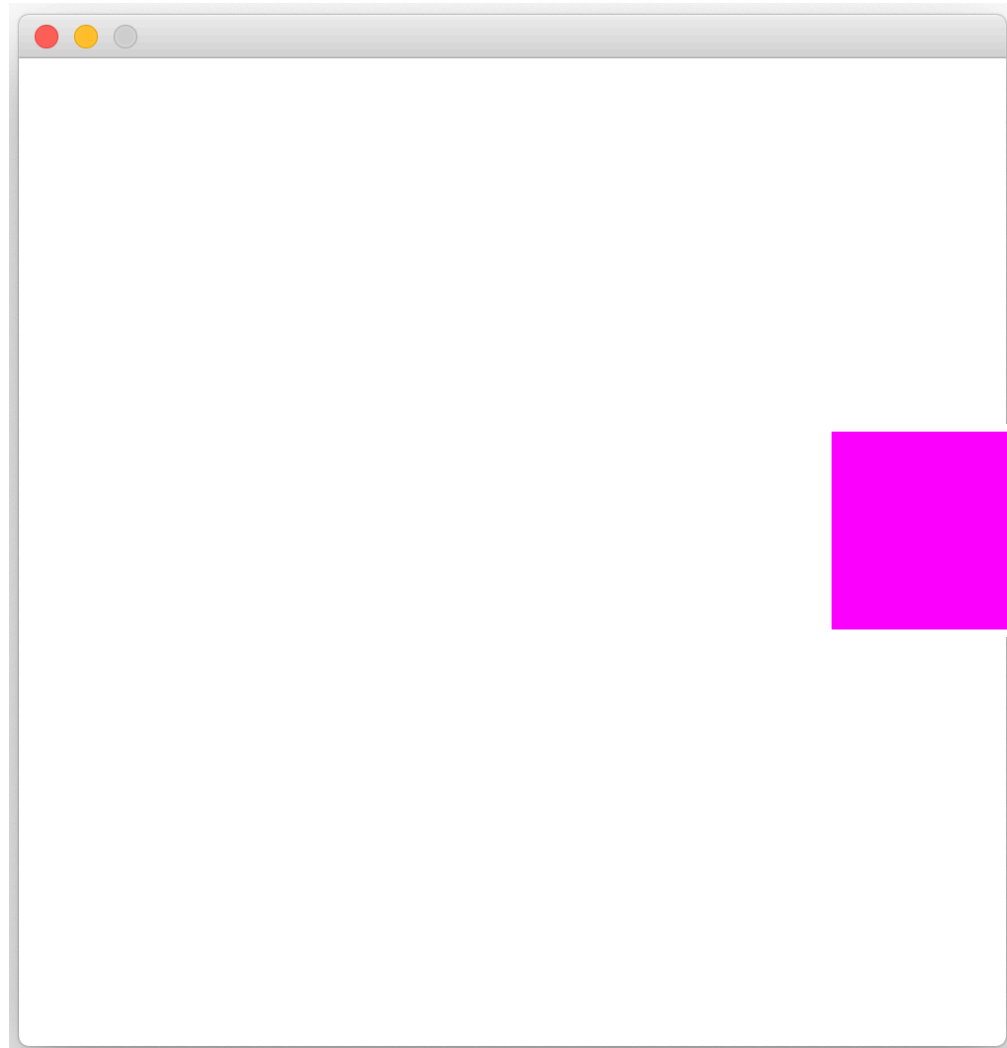
```
def main():  
    window = GWindow()  
    rect = set_up_rect()  
    window.add(rect, x=(window.width-SIZE)/2, y=(window.height-SIZE)/2)  
    vx = 5  
    while True:  
        rect.move(vx, 0)  
        if rect.x <= 0 or rect.x+rect.width >= window.width:  
            vx = -vx  
            pause(10)
```



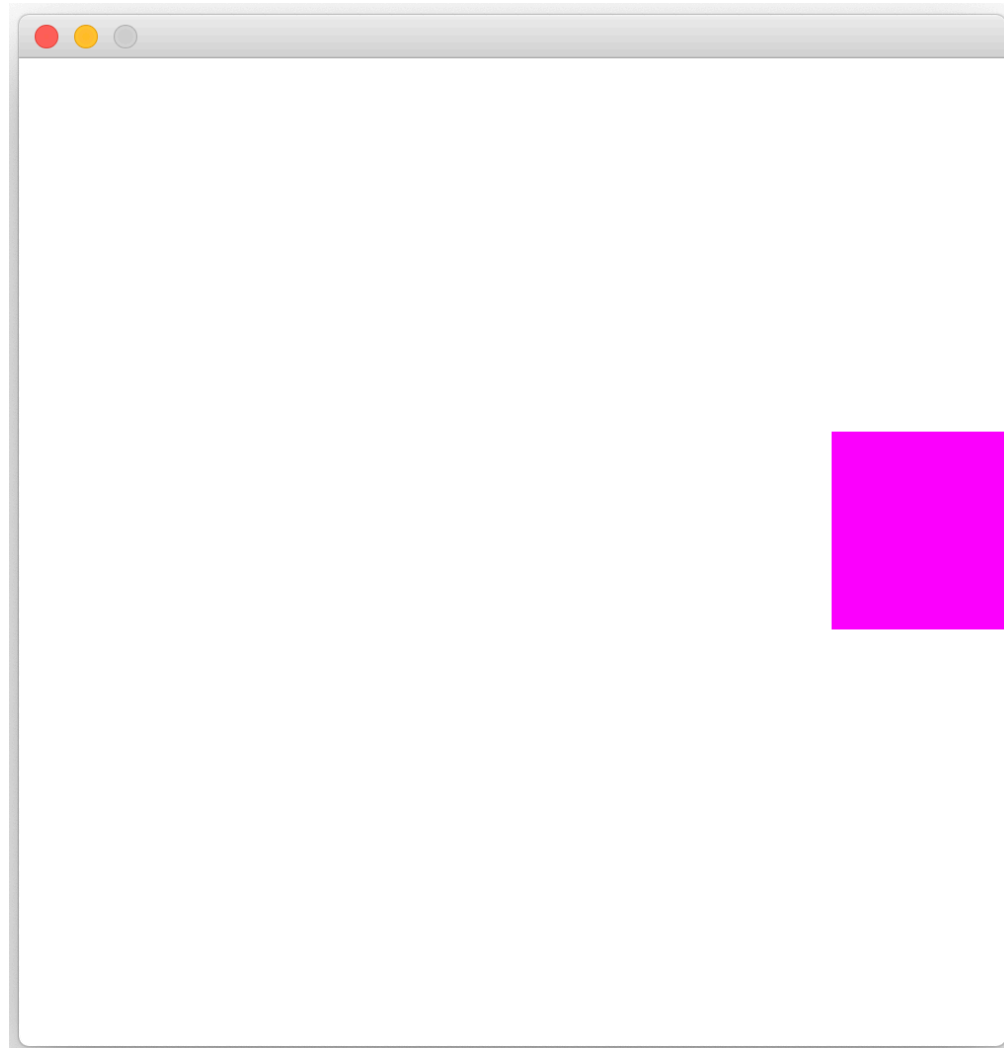
```
def main():  
    window = GWindow()  
    rect = set_up_rect()  
    window.add(rect, x=(window.width-SIZE)/2, y=(window.height-SIZE)/2)  
    vx = 5  
    while True:  
        rect.move(vx, 0)  
        if rect.x <= 0 or rect.x+rect.width >= window.width:  
            vx = -vx  
        pause(10)
```



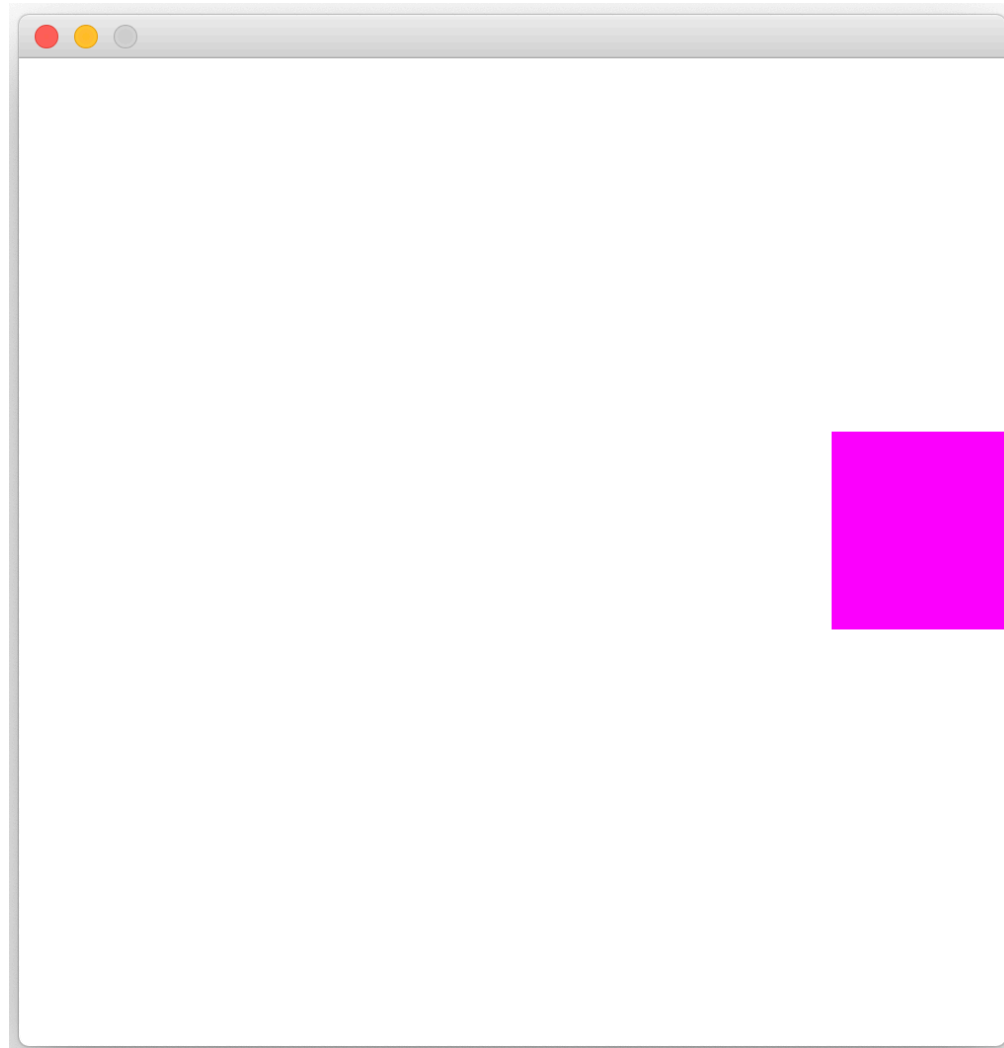

```
def main():  
    window = GWindow()  
    rect = set_up_rect()  
    window.add(rect, x=(window.width-SIZE)/2, y=(window.height-SIZE)/2)  
    vx = 5  
    while True:  
        rect.move(vx, 0)  
        if rect.x <= 0 or rect.x+rect.width >= window.width:  
            vx = -vx  
        pause(10)
```



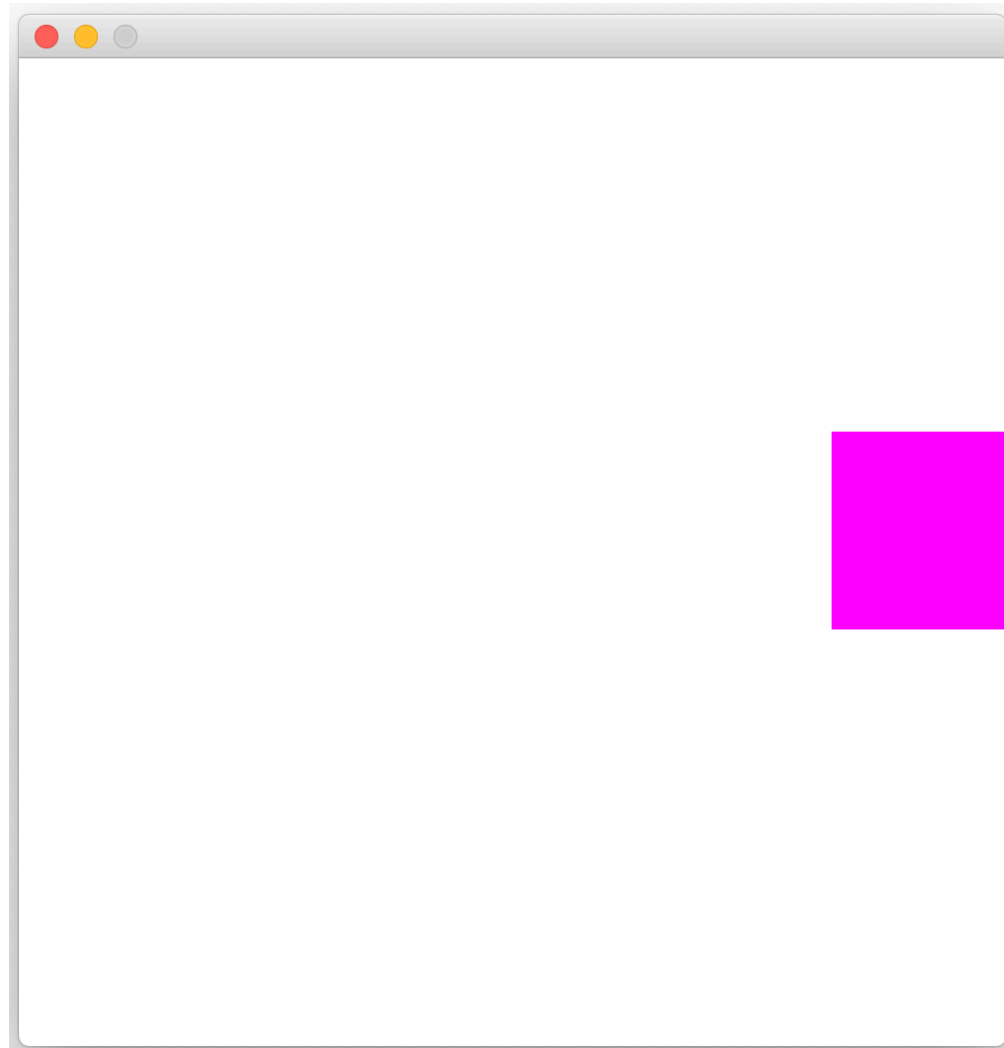
```
def main():  
    window = GWindow()  
    rect = set_up_rect()  
    window.add(rect, x=(window.width-SIZE)/2, y=(window.height-SIZE)/2)  
    vx = 5  
    while True:  
        rect.move(vx, 0)  
        if rect.x <= 0 or rect.x+rect.width >= window.width:  
            vx = -vx  
        pause(10)
```



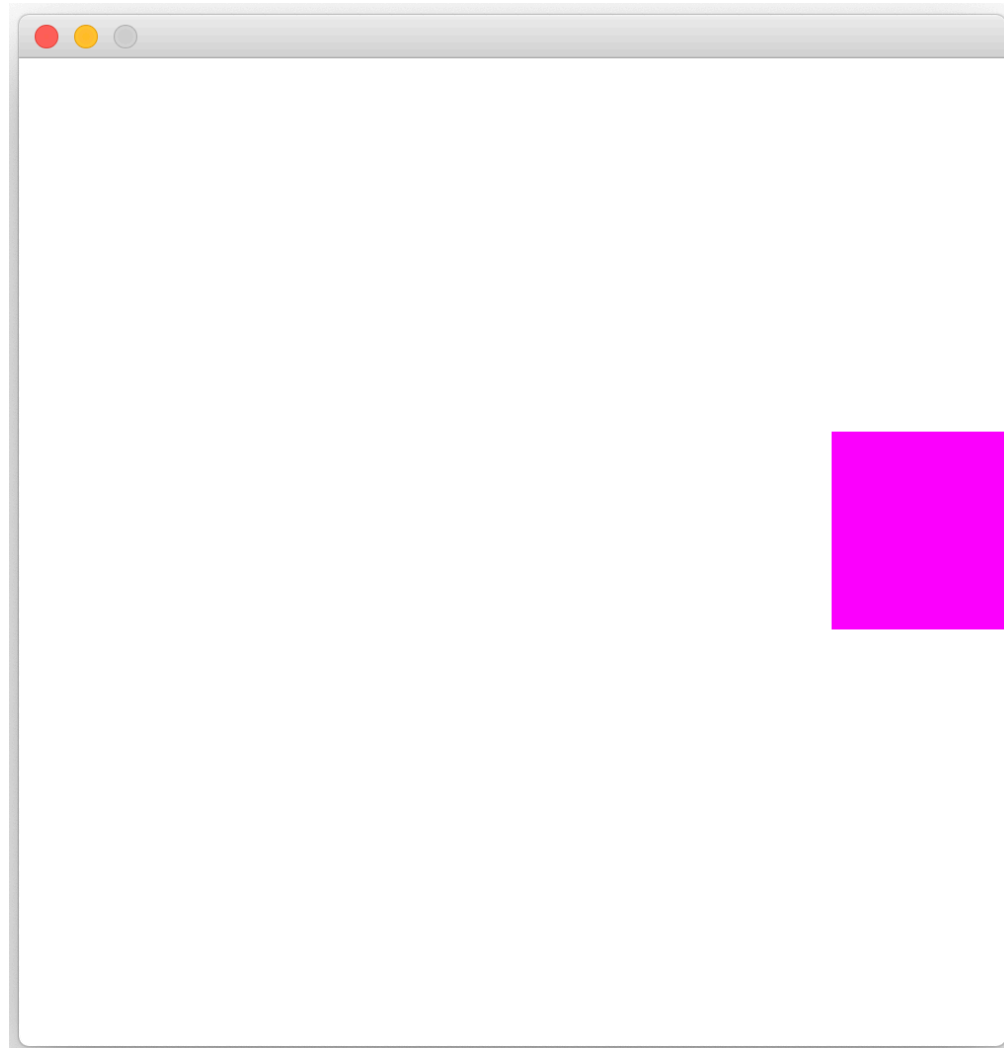
```
def main():  
    window = GWindow()  
    rect = set_up_rect()  
    window.add(rect, x=(window.width-SIZE)/2, y=(window.height-SIZE)/2)  
    vx = 5  
    while True:  
        rect.move(vx, 0)  
        if rect.x <= 0 or rect.x+rect.width >= window.width:  
            vx = -vx  
        pause(10)
```



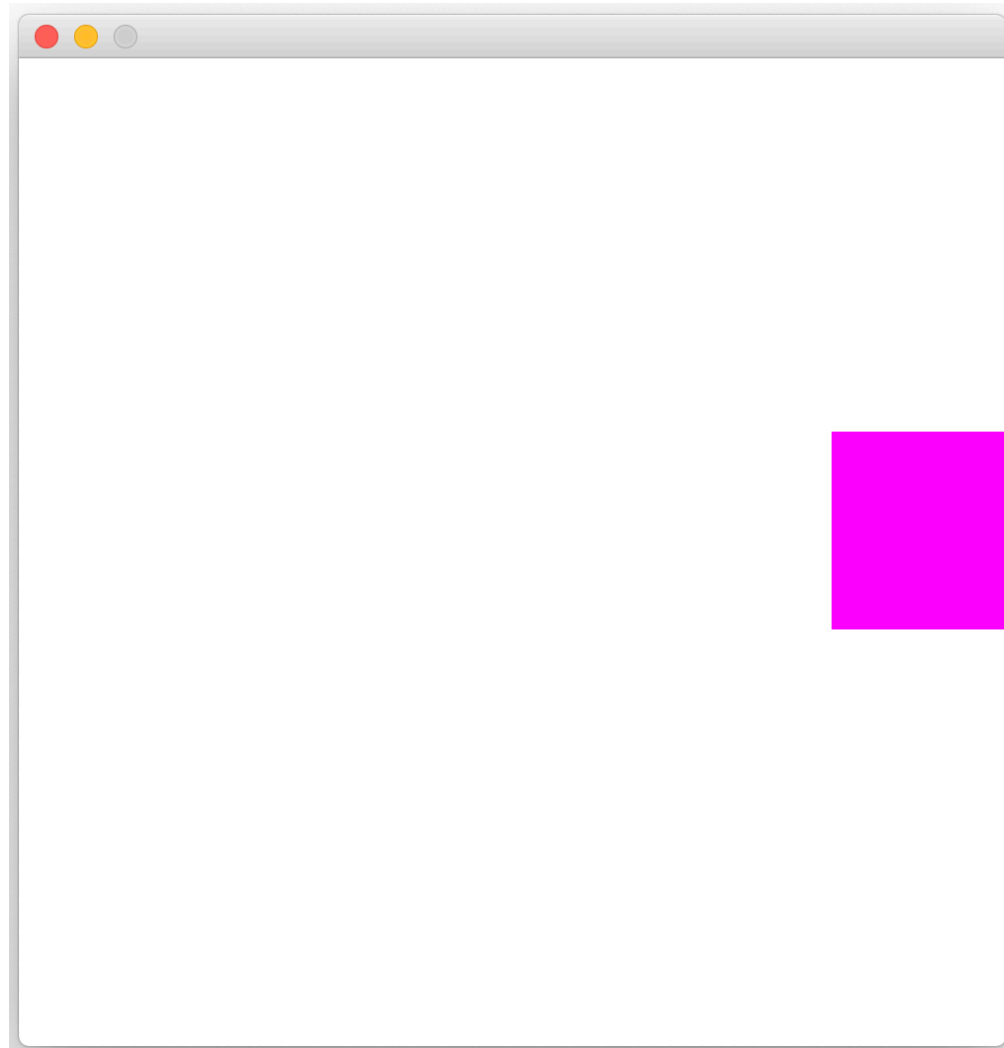
```
def main():  
    window = GWindow()  
    rect = set_up_rect()  
    window.add(rect, x=(window.width-SIZE)/2, y=(window.height-SIZE)/2)  
    vx = 5  
    while True:  
        rect.move(vx, 0)  
        if rect.x <= 0 or rect.x+rect.width >= window.width:  
            vx = -vx  
        pause(10)
```



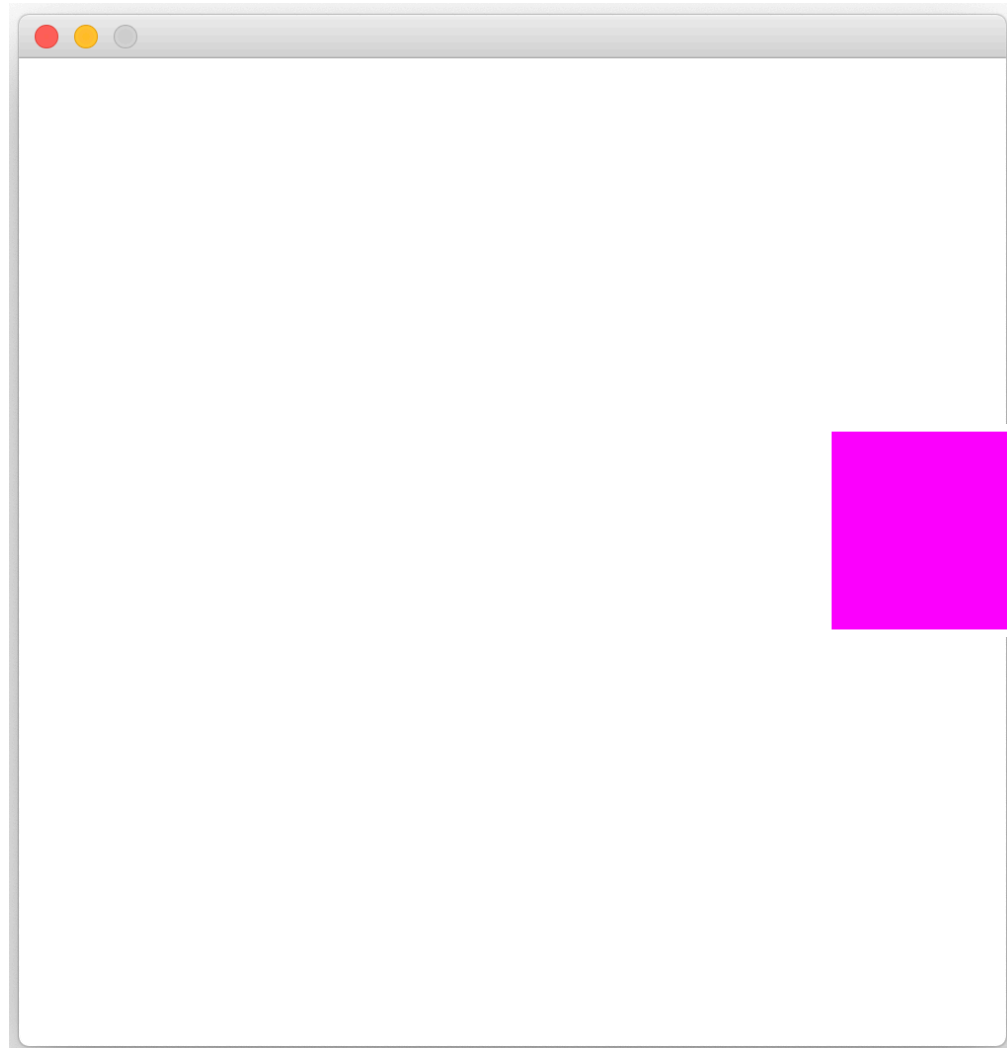
```
def main():  
    window = GWindow()  
    rect = set_up_rect()  
    window.add(rect, x=(window.width-SIZE)/2, y=(window.height-SIZE)/2)  
    vx = 5  
    while True:  
        rect.move(vx, 0)  
        if rect.x <= 0 or rect.x+rect.width >= window.width:  
            vx = -vx  
        pause(10)
```



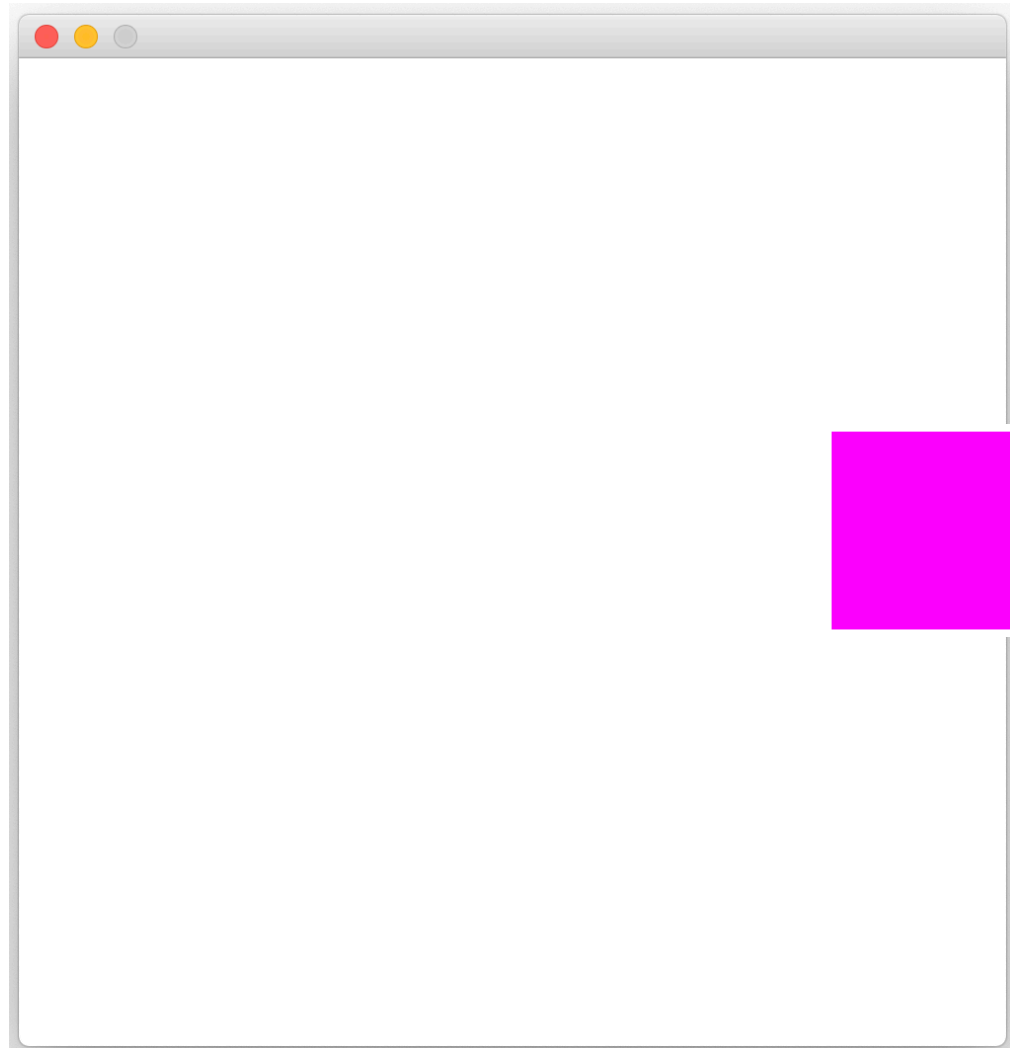
```
def main():  
    window = GWindow()  
    rect = set_up_rect()  
    window.add(rect, x=(window.width-SIZE)/2, y=(window.height-SIZE)/2)  
    vx = 5  
    while True:  
        rect.move(vx, 0)  
        if rect.x <= 0 or rect.x+rect.width >= window.width:  
            vx = -vx  
        pause(10)
```



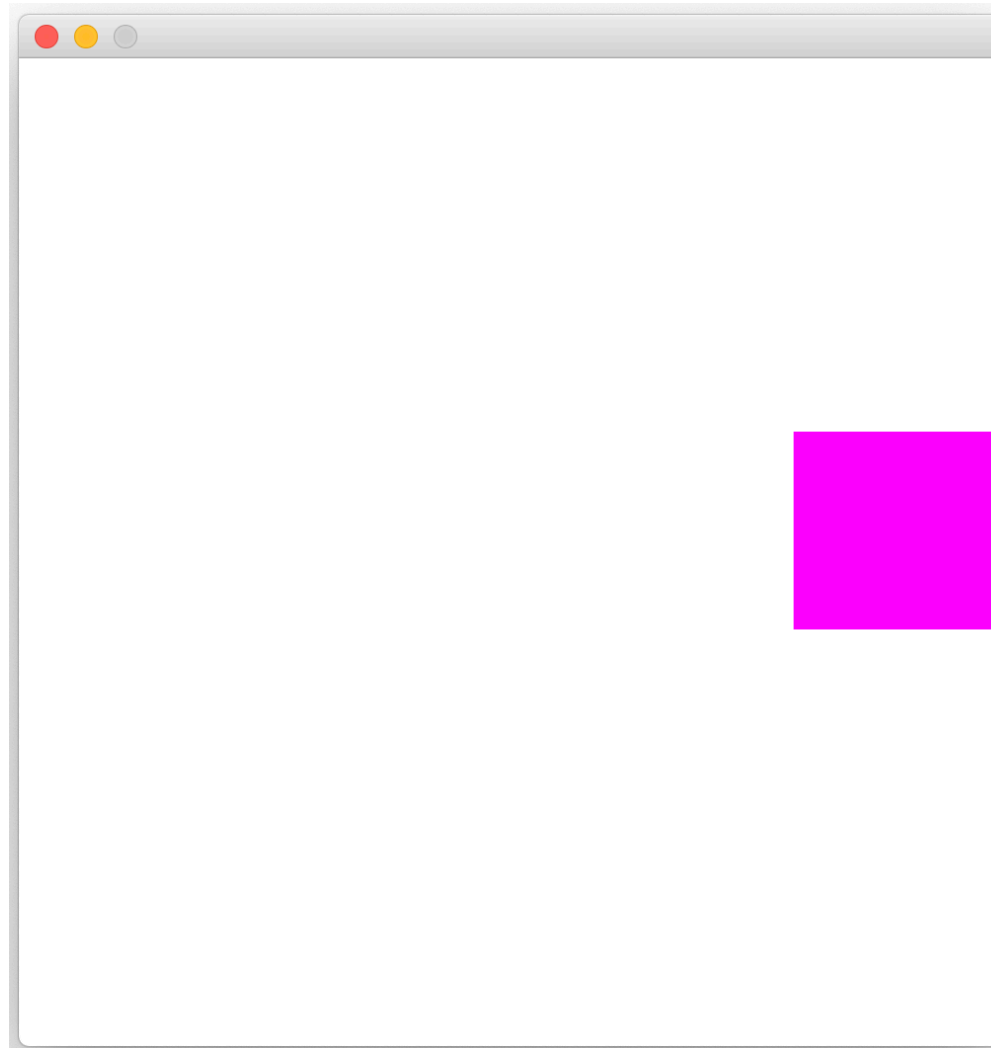
```
def main():  
    window = GWindow()  
    rect = set_up_rect()  
    window.add(rect, x=(window.width-SIZE)/2, y=(window.height-SIZE)/2)  
    vx = 5  
    while True:  
        rect.move(vx, 0)  
        if rect.x <= 0 or rect.x+rect.width >= window.width:  
            vx = -vx  
            pause(10)
```



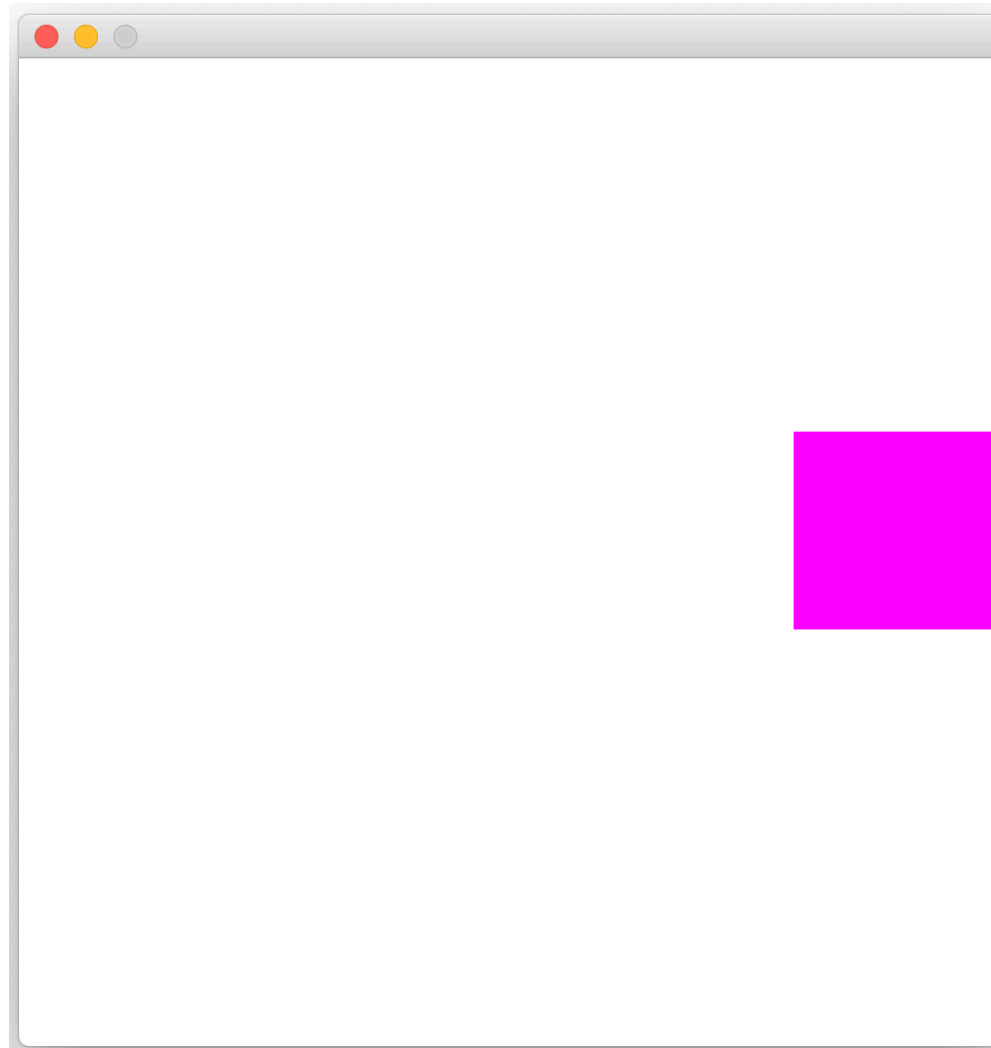
```
def main():  
    window = GWindow()  
    rect = set_up_rect()  
    window.add(rect, x=(window.width-SIZE)/2, y=(window.height-SIZE)/2)  
    vx = 5  
    while True:  
        rect.move(vx, 0)  
        if rect.x <= 0 or rect.x+rect.width >= window.width:  
            vx = -vx  
        pause(10)
```



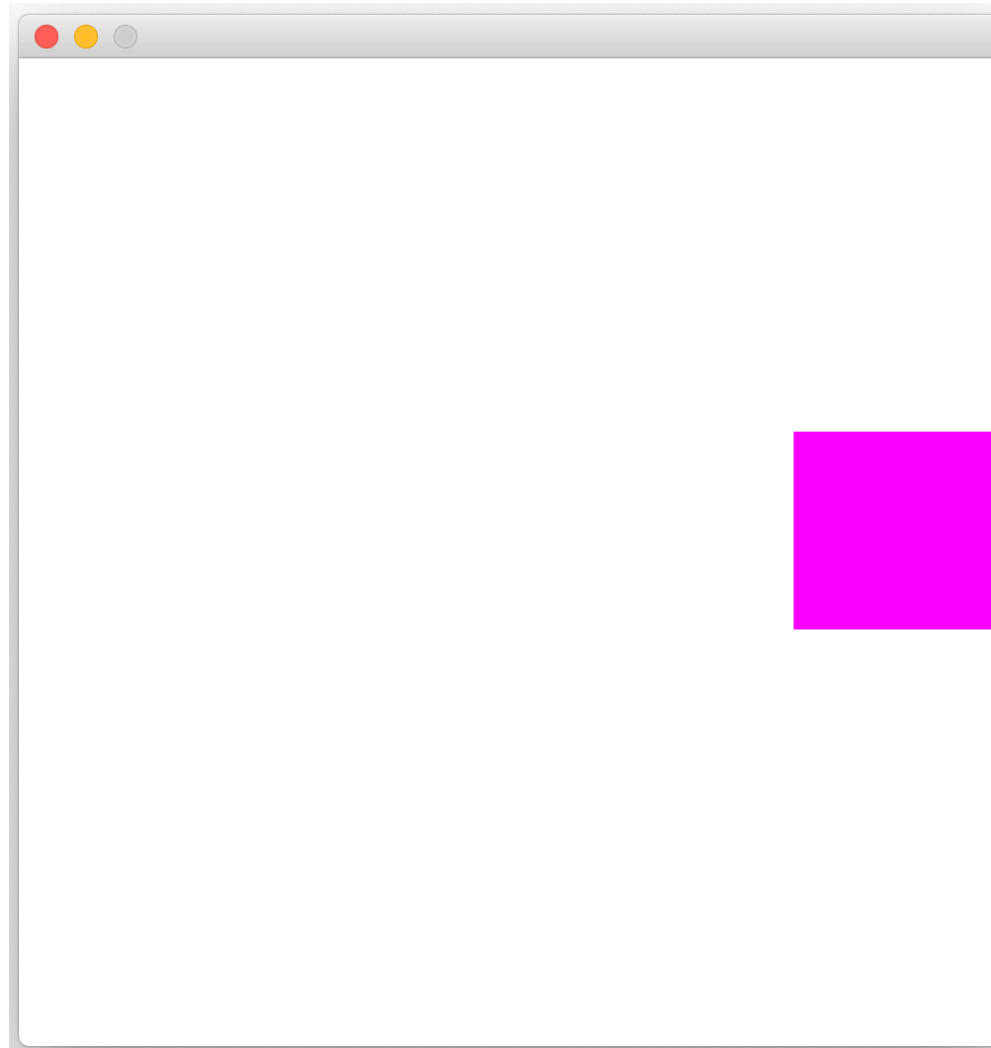

```
def main():  
    window = GWindow()  
    rect = set_up_rect()  
    window.add(rect, x=(window.width-SIZE)/2, y=(window.height-SIZE)/2)  
    vx = 5  
    while True:  
        rect.move(vx, 0)  
        if rect.x <= 0 or rect.x+rect.width >= window.width:  
            vx = -vx  
        pause(10)
```



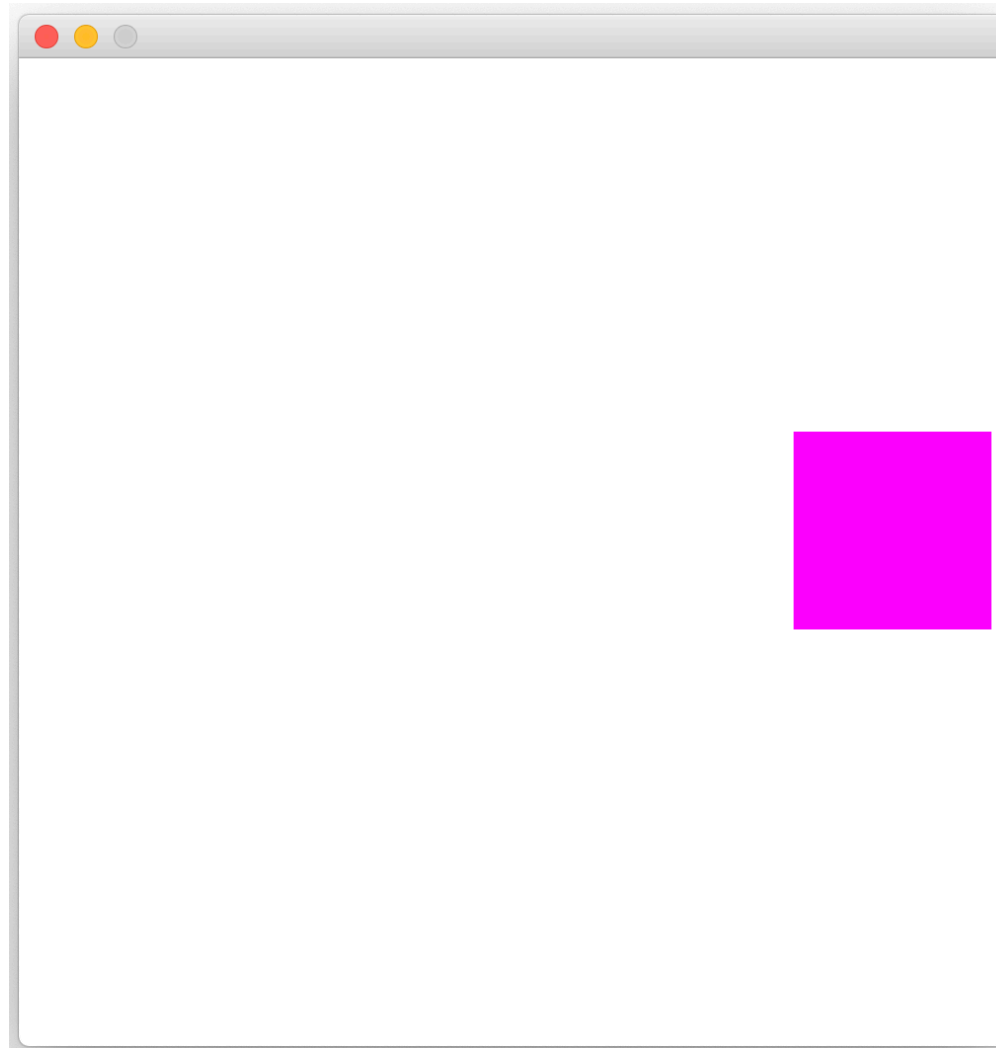
```
def main():  
    window = GWindow()  
    rect = set_up_rect()  
    window.add(rect, x=(window.width-SIZE)/2, y=(window.height-SIZE)/2)  
    vx = 5  
    while True:  
        rect.move(vx, 0)  
        if rect.x <= 0 or rect.x+rect.width >= window.width:  
            vx = -vx  
        pause(10)
```



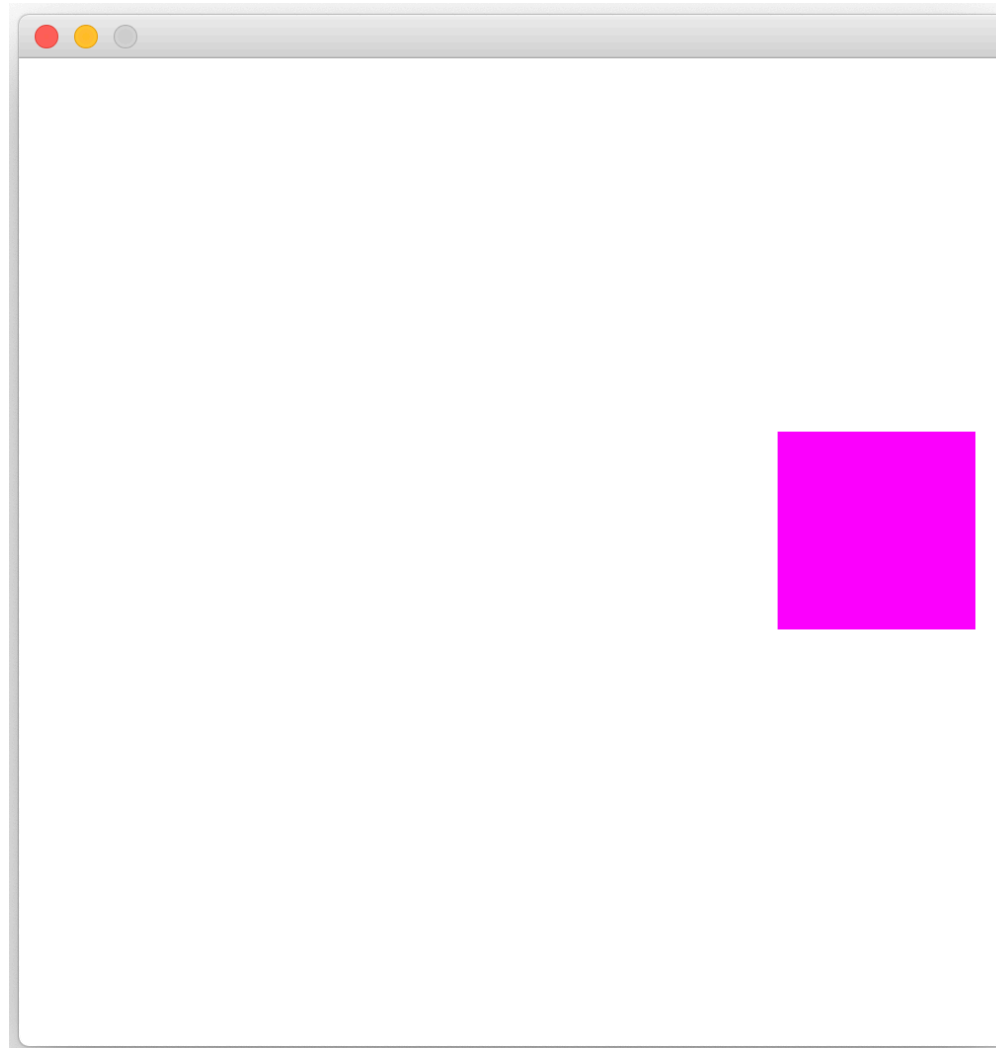
```
def main():  
    window = GWindow()  
    rect = set_up_rect()  
    window.add(rect, x=(window.width-SIZE)/2, y=(window.height-SIZE)/2)  
    vx = 5  
    while True:  
        rect.move(vx, 0)  
        if rect.x <= 0 or rect.x+rect.width >= window.width:  
            vx = -vx  
            pause(10)
```



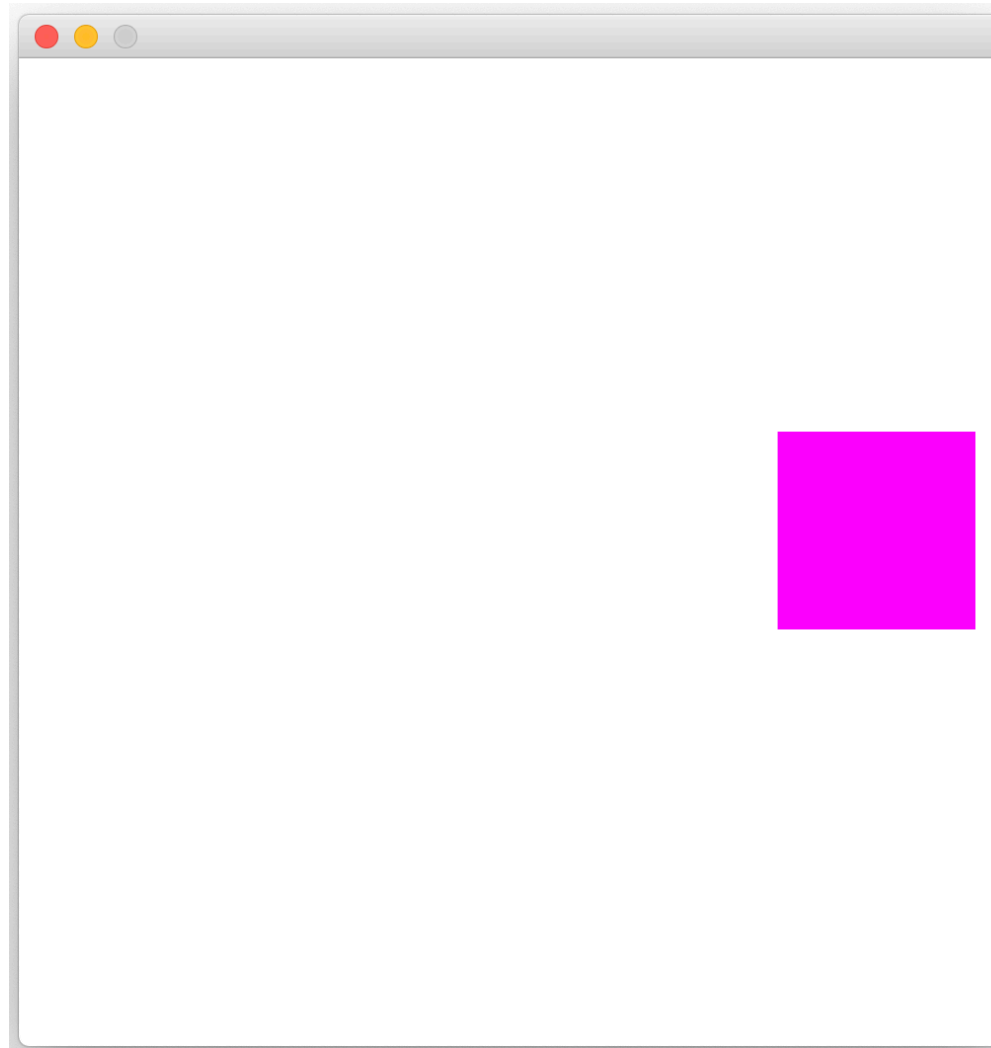
```
def main():  
    window = GWindow()  
    rect = set_up_rect()  
    window.add(rect, x=(window.width-SIZE)/2, y=(window.height-SIZE)/2)  
    vx = 5  
    while True:  
        rect.move(vx, 0)  
        if rect.x <= 0 or rect.x+rect.width >= window.width:  
            vx = -vx  
        pause(10)
```



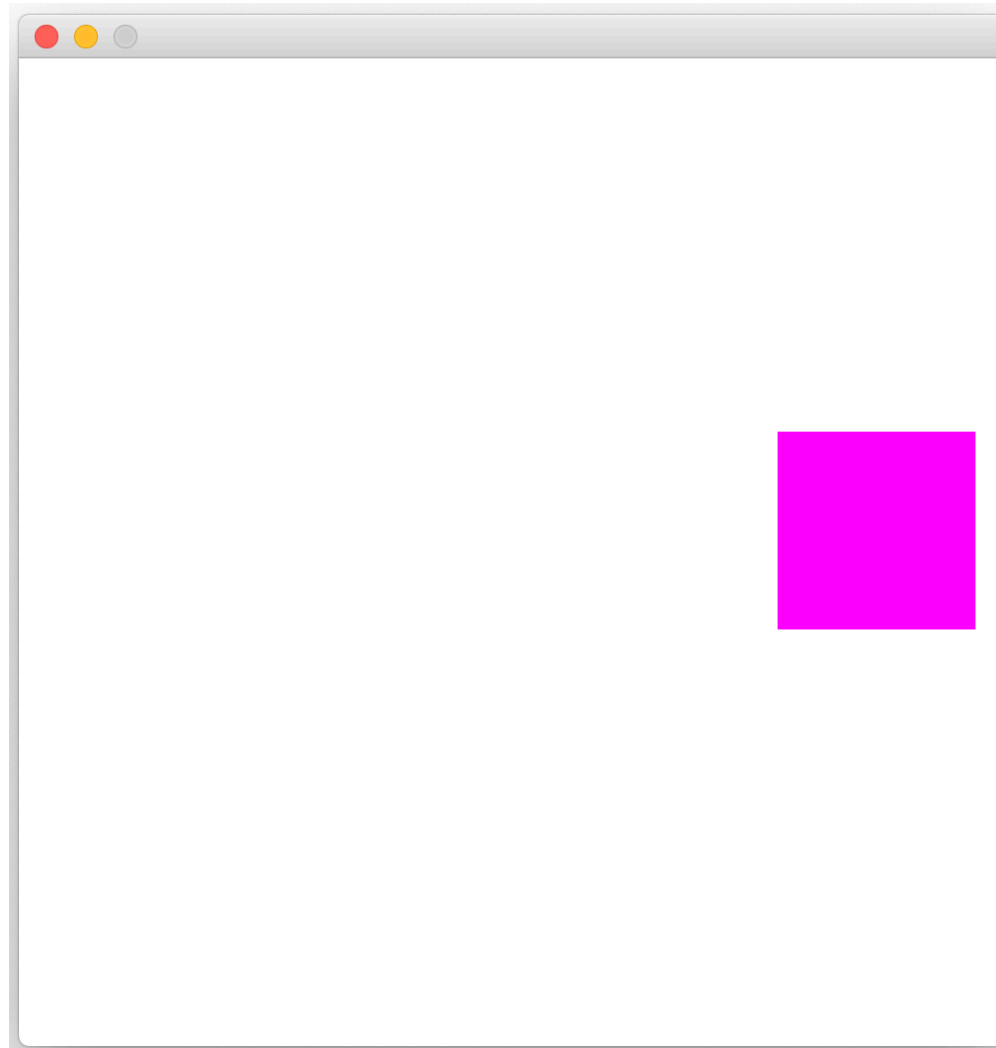
```
def main():  
    window = GWindow()  
    rect = set_up_rect()  
    window.add(rect, x=(window.width-SIZE)/2, y=(window.height-SIZE)/2)  
    vx = 5  
    while True:  
        rect.move(vx, 0)  
        if rect.x <= 0 or rect.x+rect.width >= window.width:  
            vx = -vx  
        pause(10)
```



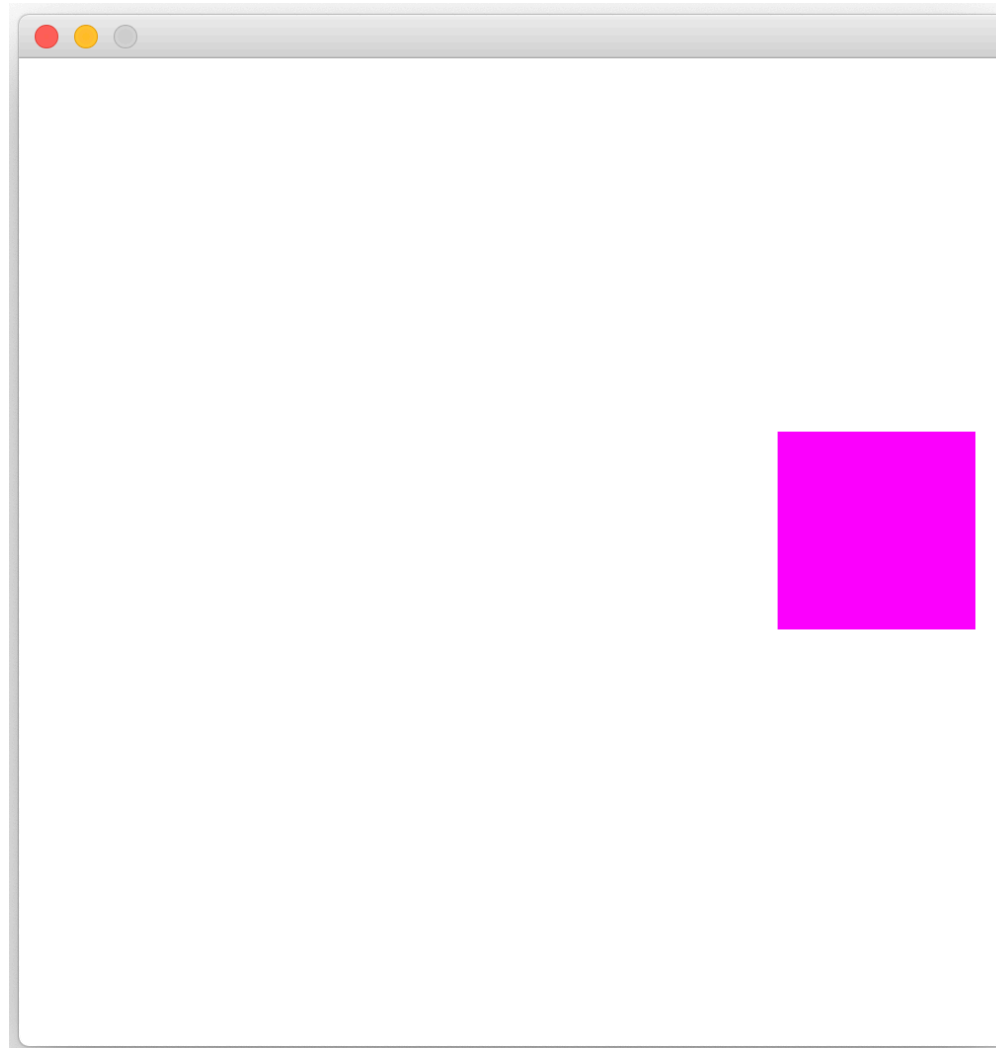
```
def main():  
    window = GWindow()  
    rect = set_up_rect()  
    window.add(rect, x=(window.width-SIZE)/2, y=(window.height-SIZE)/2)  
    vx = 5  
    while True:  
        rect.move(vx, 0)  
        if rect.x <= 0 or rect.x+rect.width >= window.width:  
            vx = -vx  
        pause(10)
```



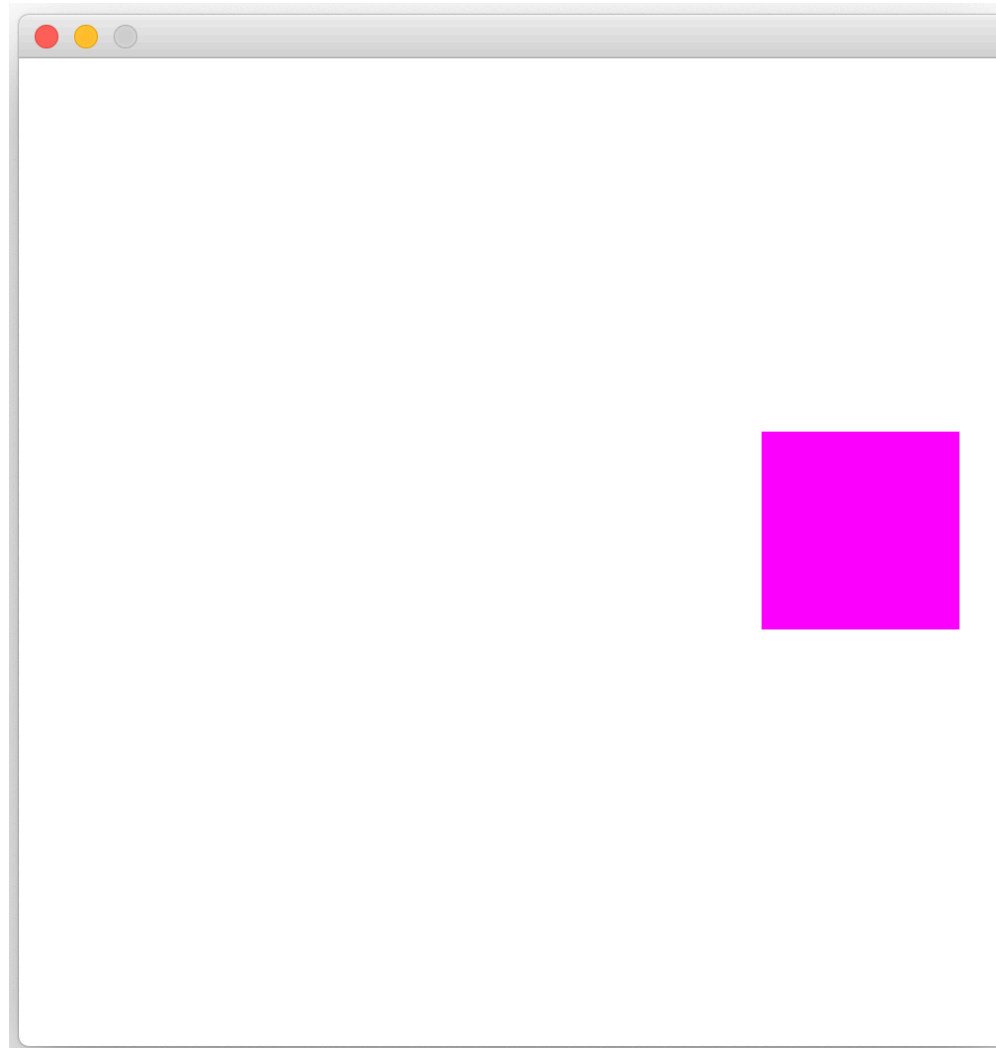
```
def main():  
    window = GWindow()  
    rect = set_up_rect()  
    window.add(rect, x=(window.width-SIZE)/2, y=(window.height-SIZE)/2)  
    vx = 5  
    while True:  
        rect.move(vx, 0)  
        if rect.x <= 0 or rect.x+rect.width >= window.width:  
            vx = -vx  
            pause(10)
```



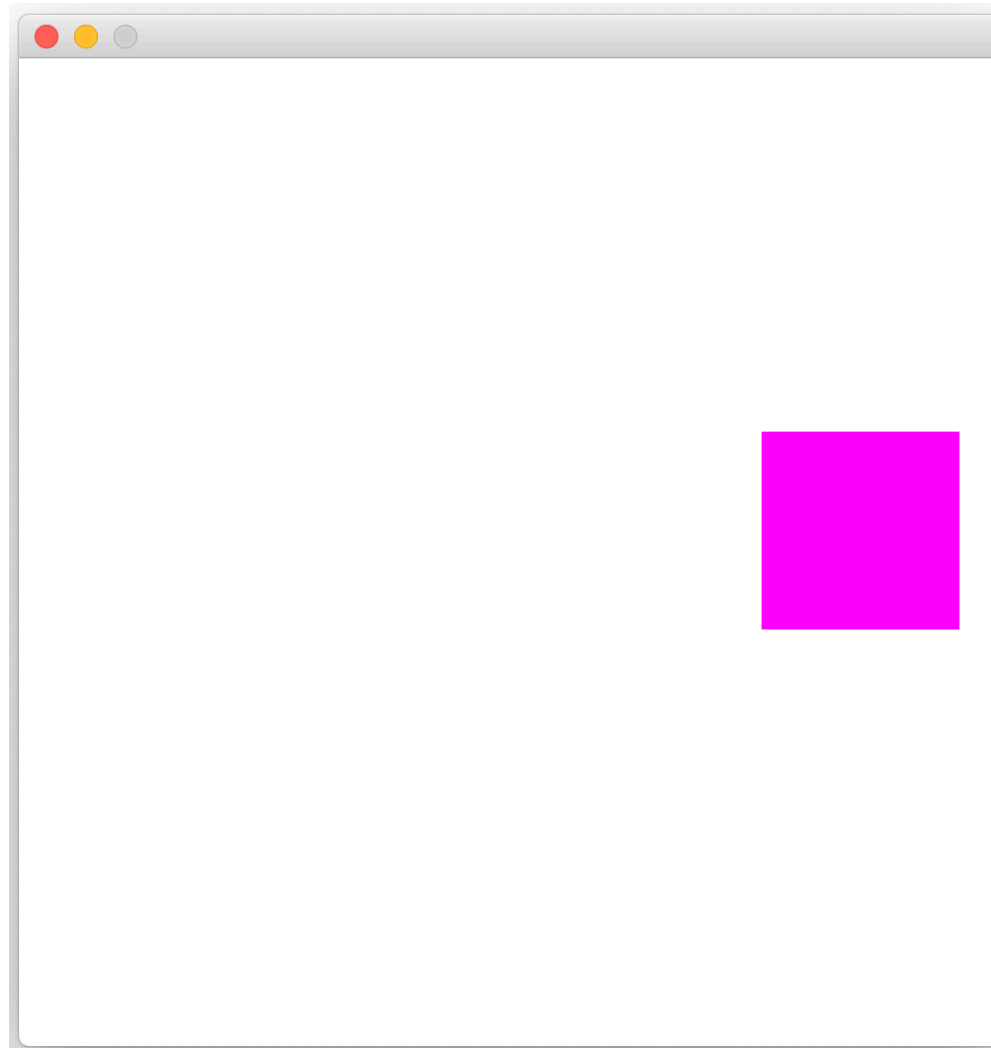
```
def main():  
    window = GWindow()  
    rect = set_up_rect()  
    window.add(rect, x=(window.width-SIZE)/2, y=(window.height-SIZE)/2)  
    vx = 5  
    while True:  
        rect.move(vx, 0)  
        if rect.x <= 0 or rect.x+rect.width >= window.width:  
            vx = -vx  
        pause(10)
```



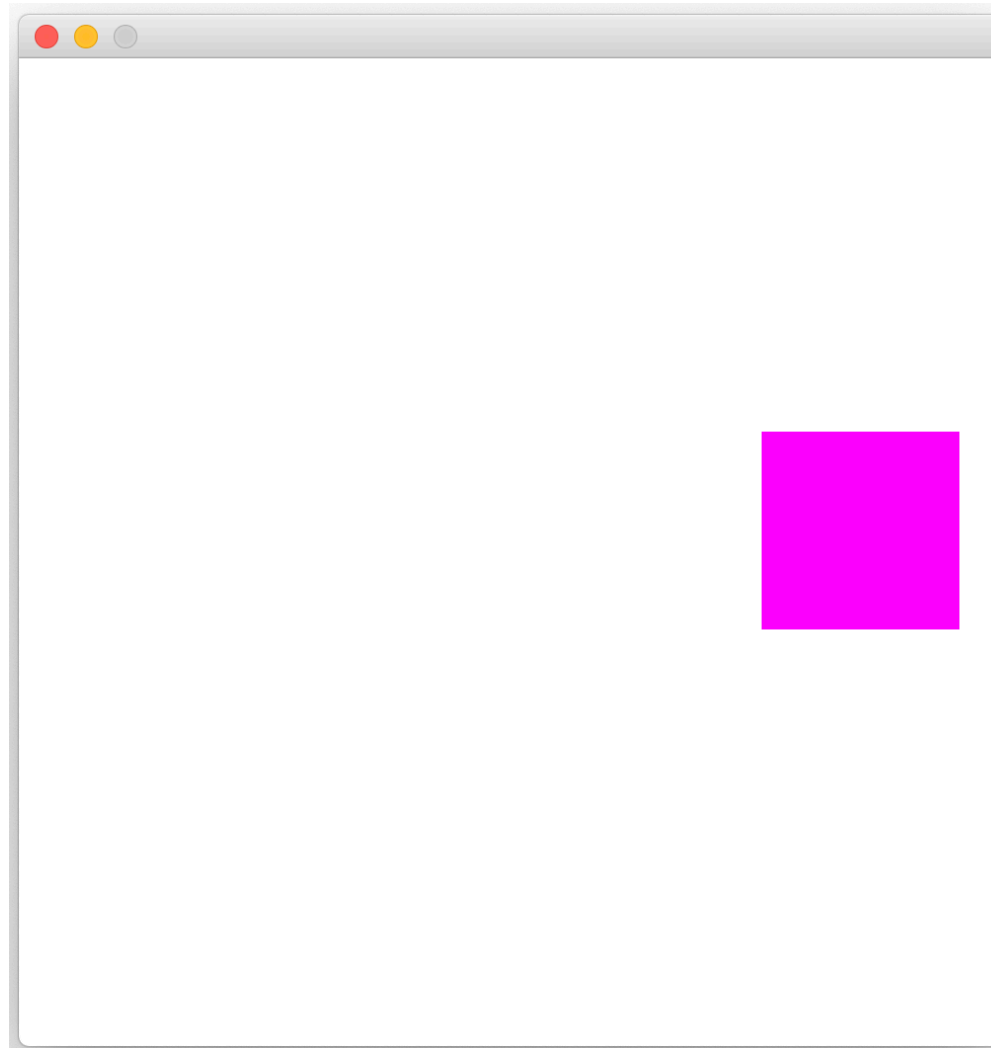

```
def main():  
    window = GWindow()  
    rect = set_up_rect()  
    window.add(rect, x=(window.width-SIZE)/2, y=(window.height-SIZE)/2)  
    vx = 5  
    while True:  
        rect.move(vx, 0)  
        if rect.x <= 0 or rect.x+rect.width >= window.width:  
            vx = -vx  
        pause(10)
```



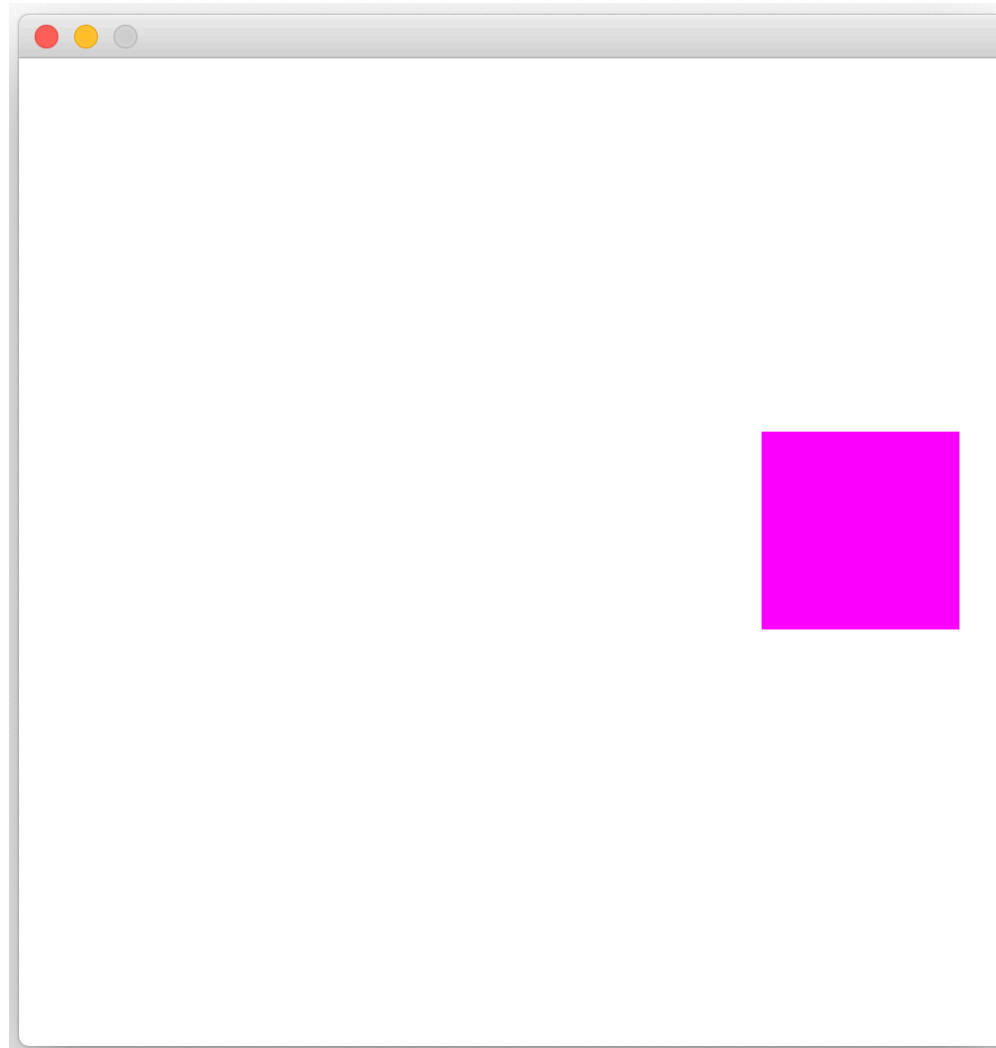
```
def main():  
    window = GWindow()  
    rect = set_up_rect()  
    window.add(rect, x=(window.width-SIZE)/2, y=(window.height-SIZE)/2)  
    vx = 5  
    while True:  
        rect.move(vx, 0)  
        if rect.x <= 0 or rect.x+rect.width >= window.width:  
            vx = -vx  
        pause(10)
```



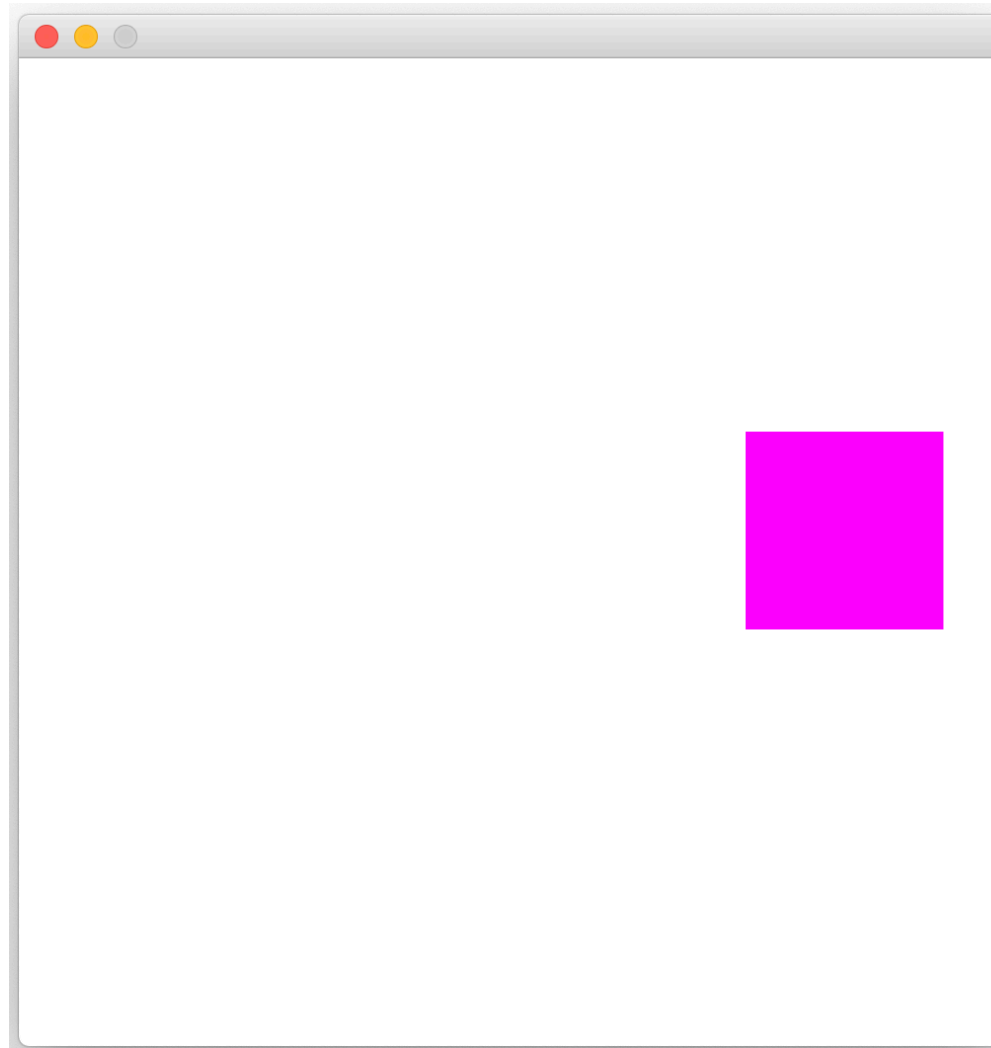
```
def main():  
    window = GWindow()  
    rect = set_up_rect()  
    window.add(rect, x=(window.width-SIZE)/2, y=(window.height-SIZE)/2)  
    vx = 5  
    while True:  
        rect.move(vx, 0)  
        if rect.x <= 0 or rect.x+rect.width >= window.width:  
            vx = -vx  
            pause(10)
```



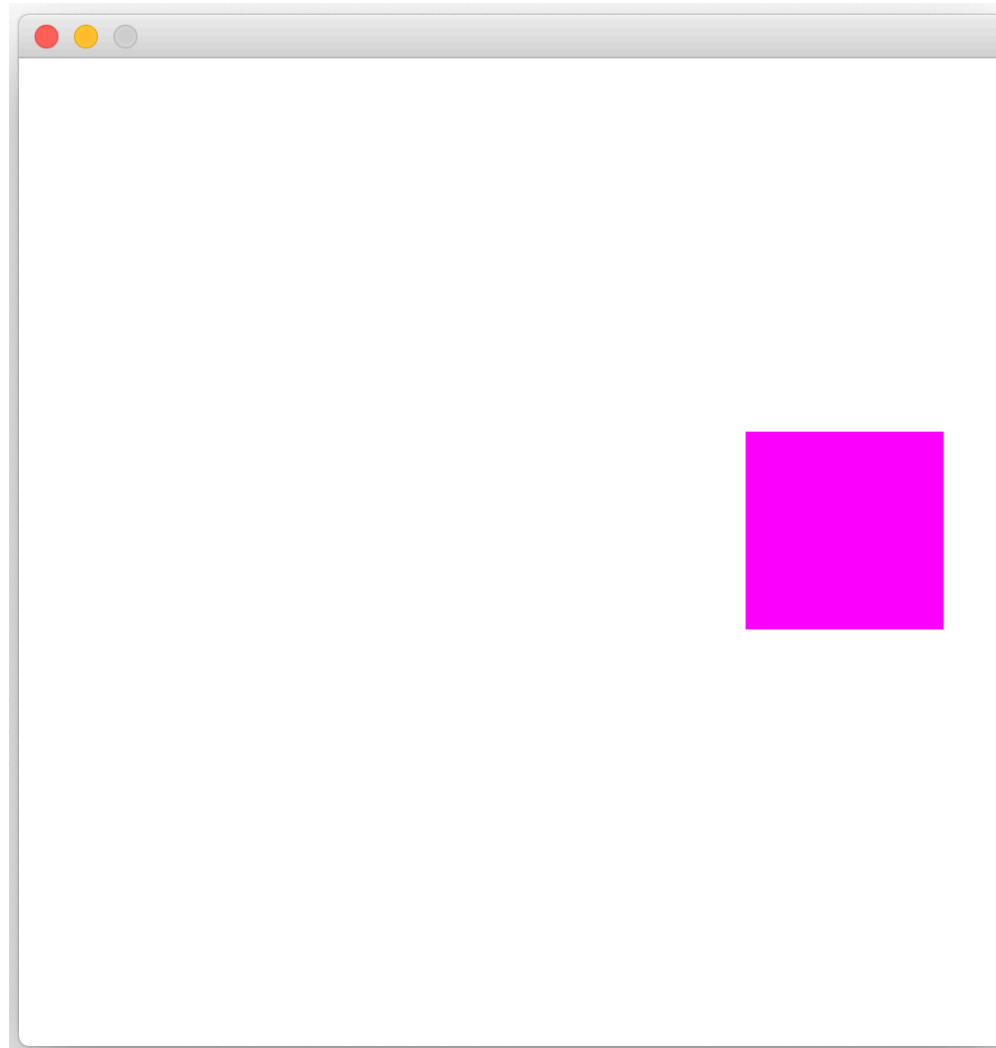
```
def main():  
    window = GWindow()  
    rect = set_up_rect()  
    window.add(rect, x=(window.width-SIZE)/2, y=(window.height-SIZE)/2)  
    vx = 5  
    while True:  
        rect.move(vx, 0)  
        if rect.x <= 0 or rect.x+rect.width >= window.width:  
            vx = -vx  
        pause(10)
```



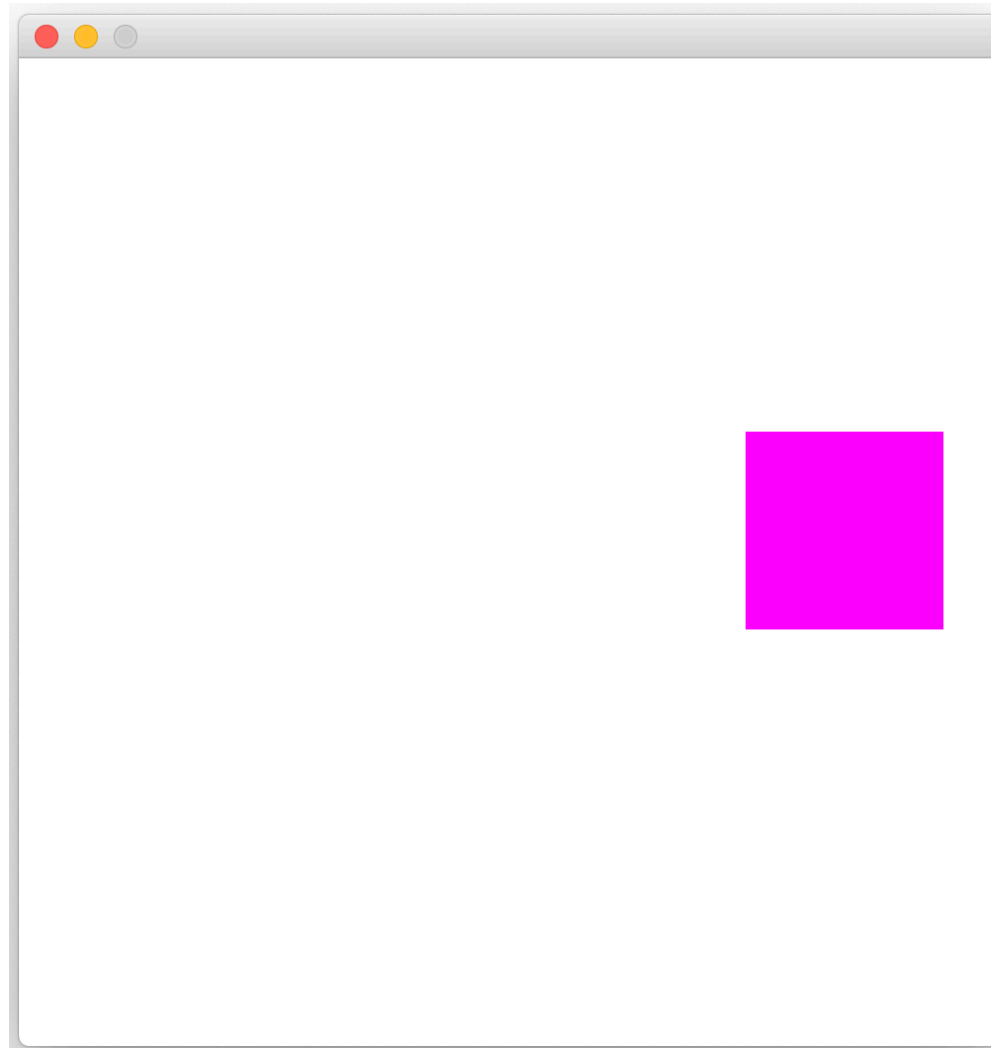
```
def main():  
    window = GWindow()  
    rect = set_up_rect()  
    window.add(rect, x=(window.width-SIZE)/2, y=(window.height-SIZE)/2)  
    vx = 5  
    while True:  
        rect.move(vx, 0)  
        if rect.x <= 0 or rect.x+rect.width >= window.width:  
            vx = -vx  
        pause(10)
```



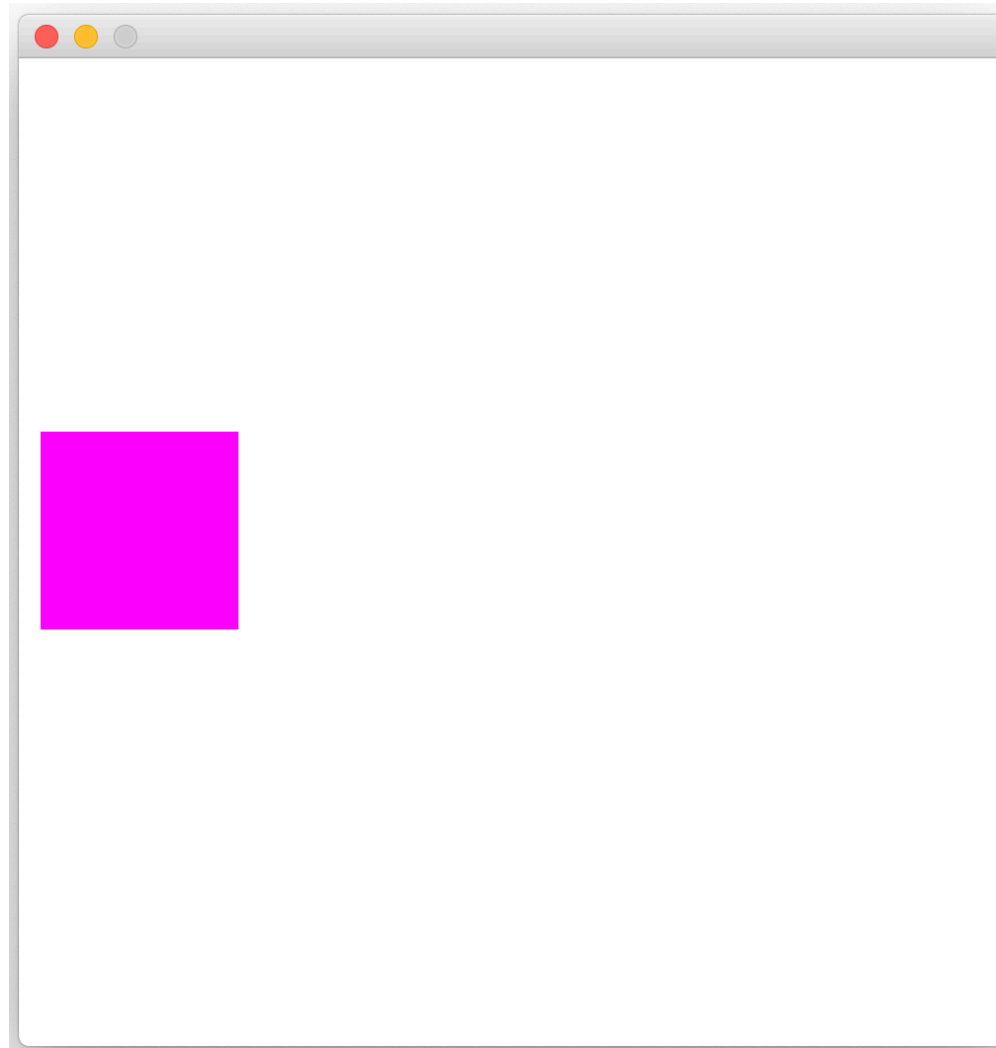
```
def main():  
    window = GWindow()  
    rect = set_up_rect()  
    window.add(rect, x=(window.width-SIZE)/2, y=(window.height-SIZE)/2)  
    vx = 5  
    while True:  
        rect.move(vx, 0)  
        if rect.x <= 0 or rect.x+rect.width >= window.width:  
            vx = -vx  
        pause(10)
```



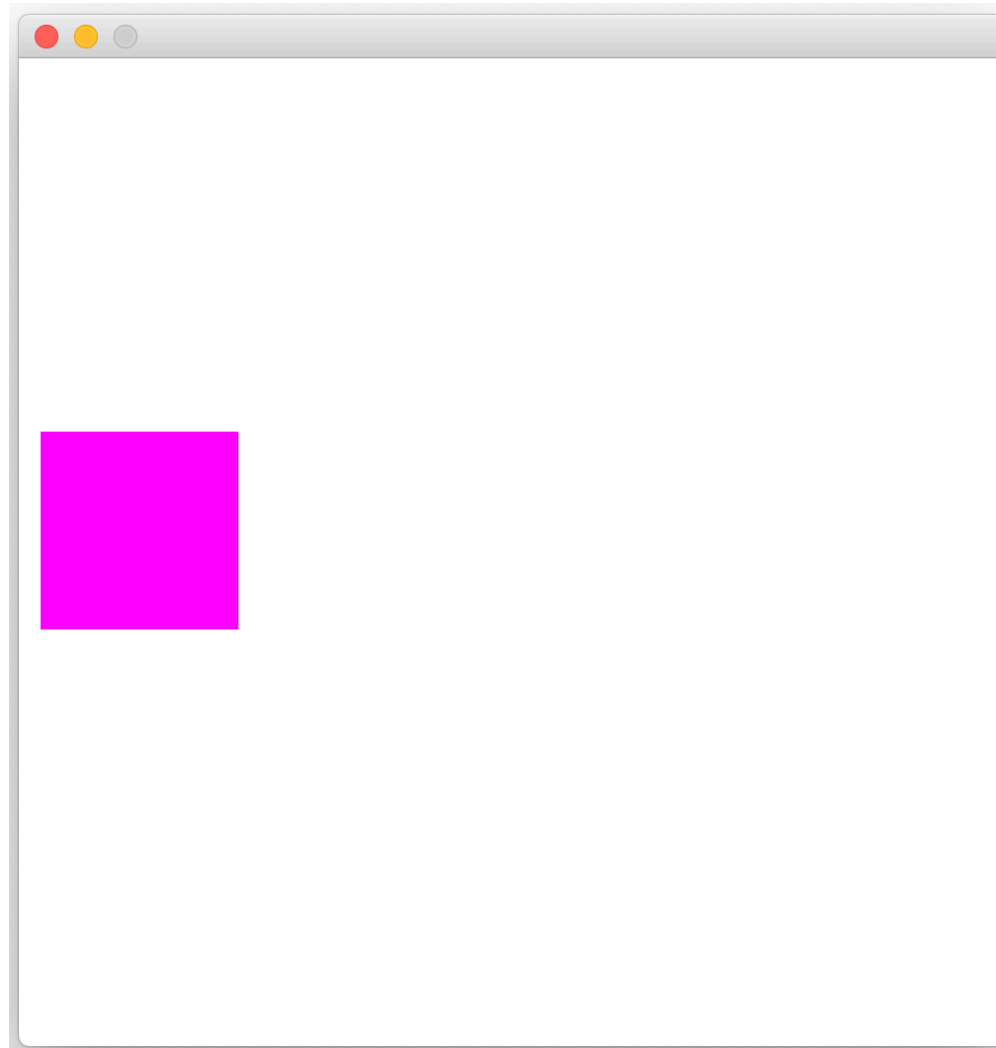
```
def main():  
    window = GWindow()  
    rect = set_up_rect()  
    window.add(rect, x=(window.width-SIZE)/2, y=(window.height-SIZE)/2)  
    vx = 5  
    while True:  
        rect.move(vx, 0)  
        if rect.x <= 0 or rect.x+rect.width >= window.width:  
            vx = -vx  
            pause(10)
```



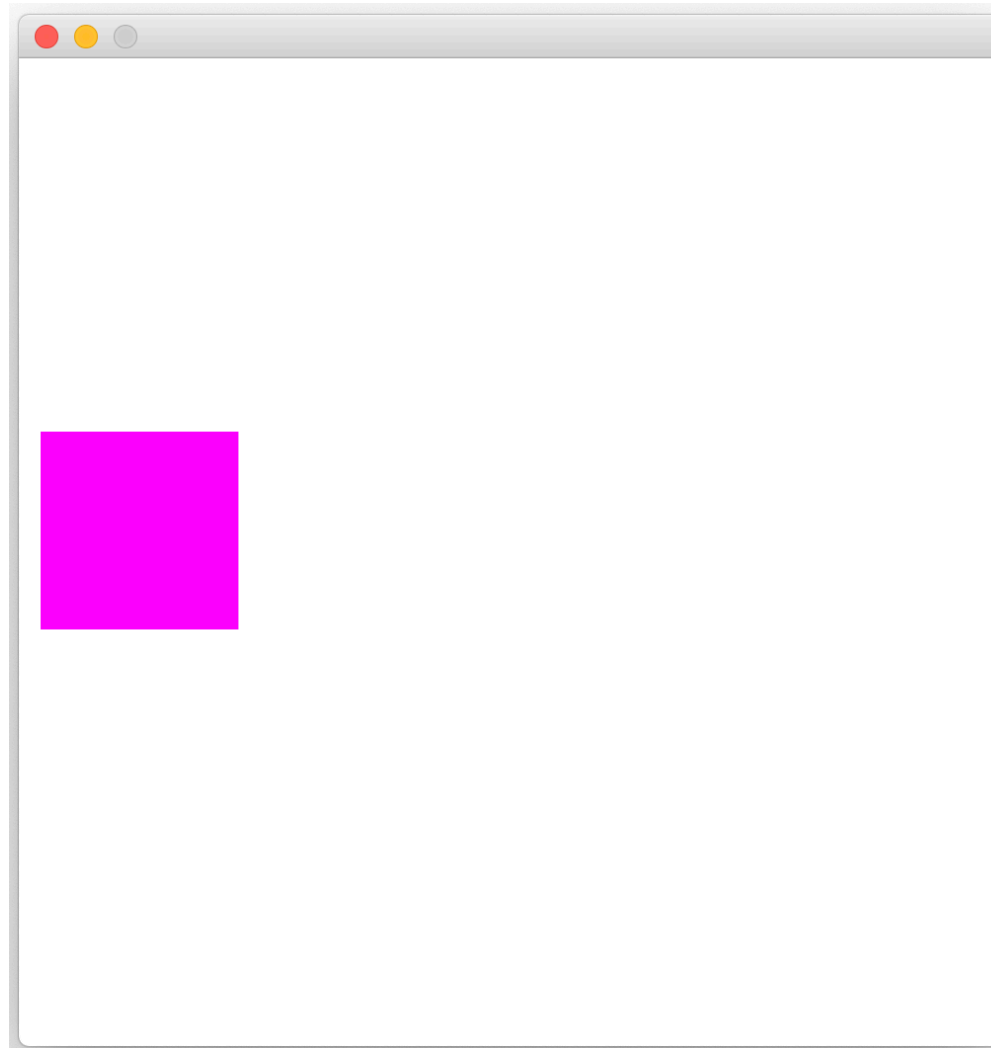
```
def main():  
    window = GWindow()  
    rect = set_up_rect()  
    window.add(rect, x=(window.width-SIZE)/2, y=(window.height-SIZE)/2)  
    vx = 5  
    while True:  
        rect.move(vx, 0)  
        if rect.x <= 0 or rect.x+rect.width >= window.width:  
            vx = -vx  
        pause(10)
```



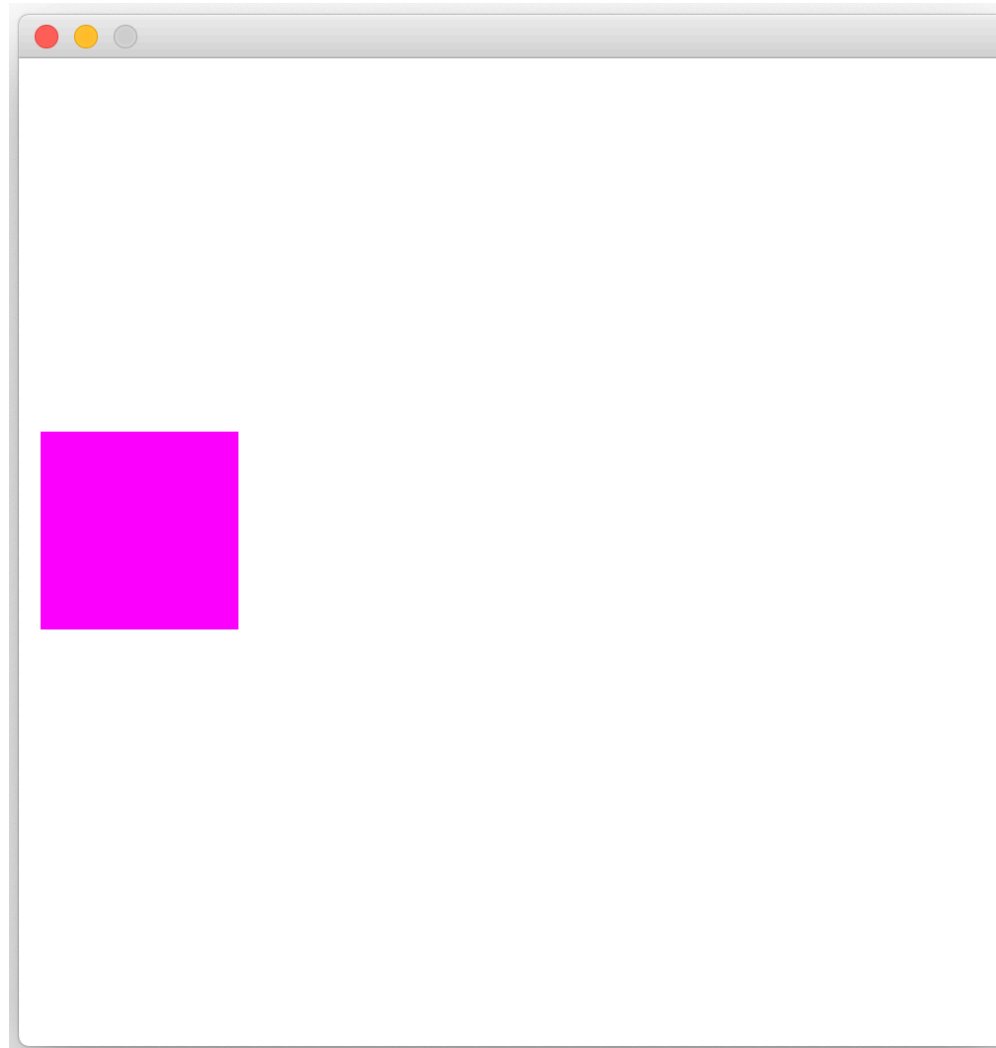

```
def main():  
    window = GWindow()  
    rect = set_up_rect()  
    window.add(rect, x=(window.width-SIZE)/2, y=(window.height-SIZE)/2)  
    vx = 5  
    while True:  
        rect.move(vx, 0)  
        if rect.x <= 0 or rect.x+rect.width >= window.width:  
            vx = -vx  
        pause(10)
```



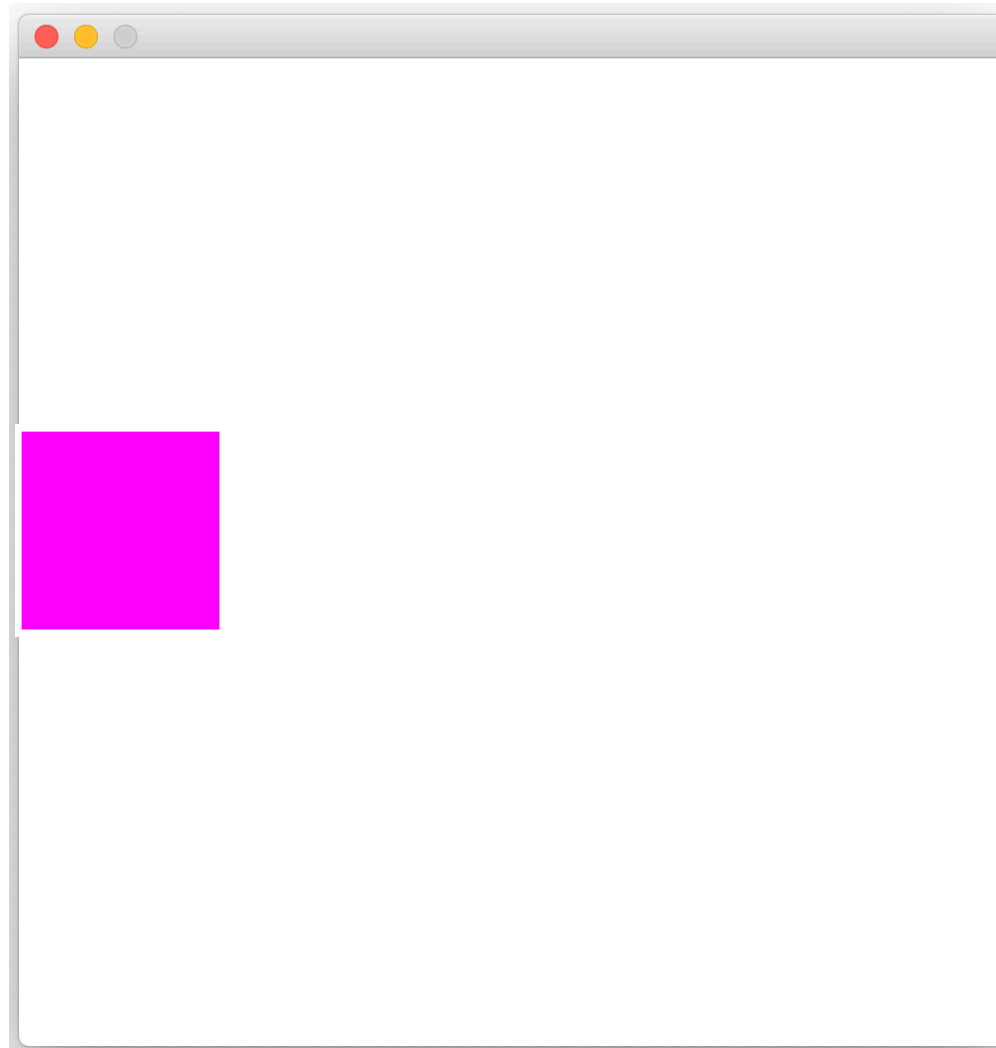
```
def main():  
    window = GWindow()  
    rect = set_up_rect()  
    window.add(rect, x=(window.width-SIZE)/2, y=(window.height-SIZE)/2)  
    vx = 5  
    while True:  
        rect.move(vx, 0)  
        if rect.x <= 0 or rect.x+rect.width >= window.width:  
            vx = -vx  
            pause(10)
```



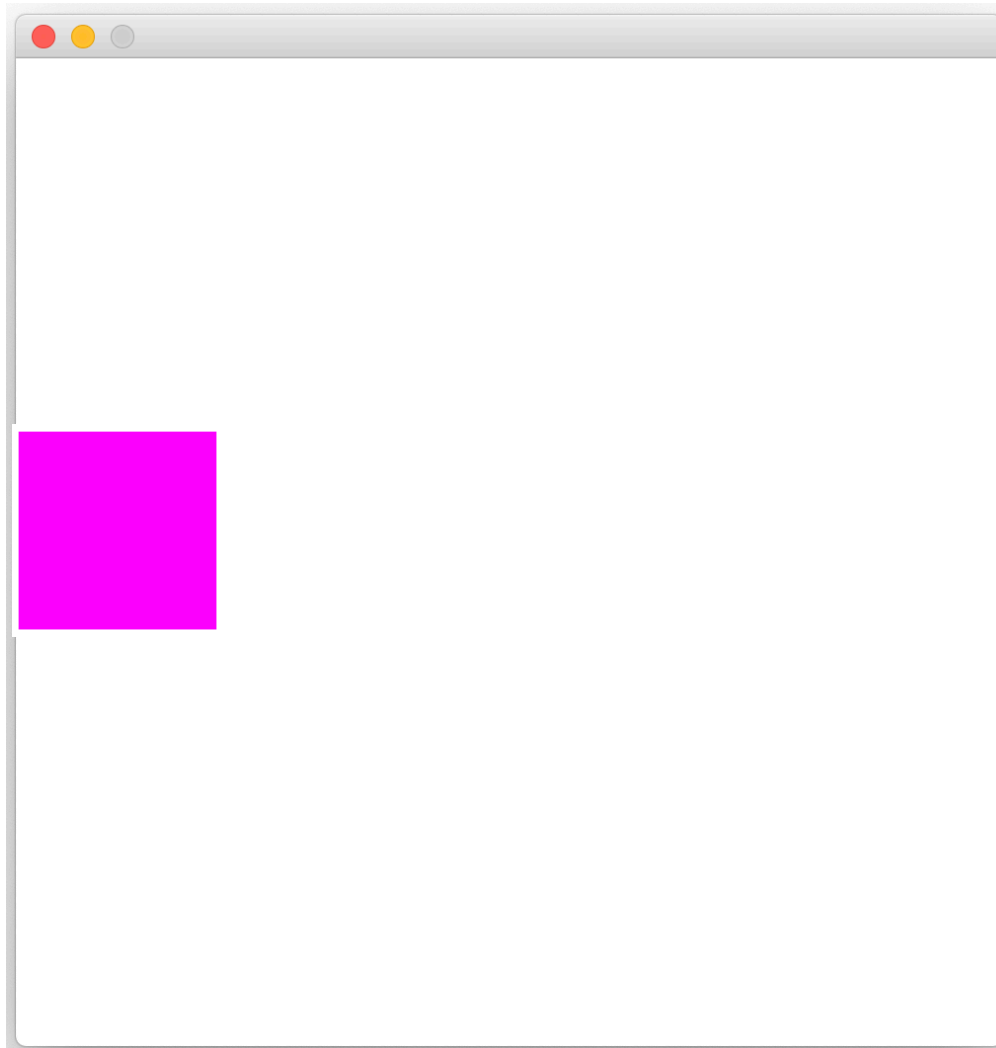
```
def main():  
    window = GWindow()  
    rect = set_up_rect()  
    window.add(rect, x=(window.width-SIZE)/2, y=(window.height-SIZE)/2)  
    vx = 5  
    while True:  
        rect.move(vx, 0)  
        if rect.x <= 0 or rect.x+rect.width >= window.width:  
            vx = -vx  
        pause(10)
```



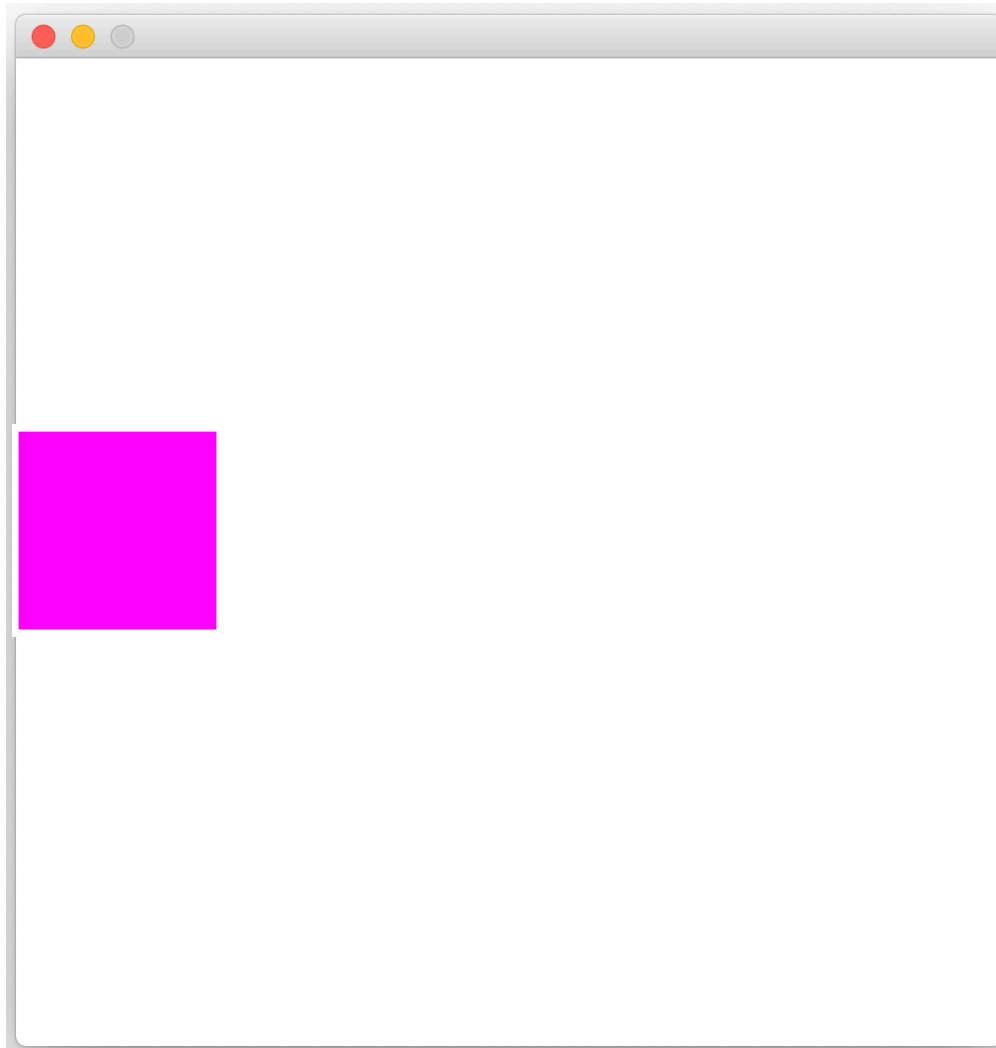
```
def main():  
    window = GWindow()  
    rect = set_up_rect()  
    window.add(rect, x=(window.width-SIZE)/2, y=(window.height-SIZE)/2)  
    vx = 5  
    while True:  
        rect.move(vx, 0)  
        if rect.x <= 0 or rect.x+rect.width >= window.width:  
            vx = -vx  
        pause(10)
```



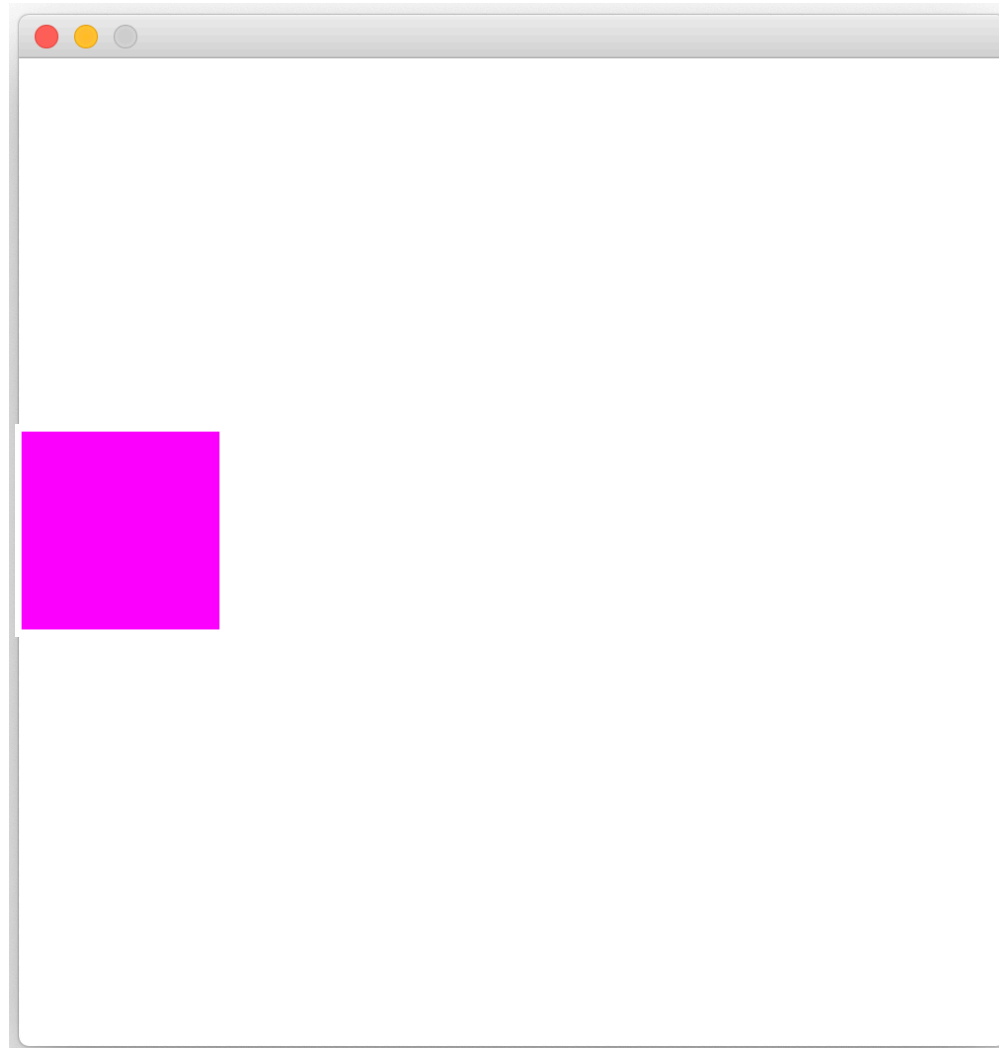
```
def main():  
    window = GWindow()  
    rect = set_up_rect()  
    window.add(rect, x=(window.width-SIZE)/2, y=(window.height-SIZE)/2)  
    vx = 5  
    while True:  
        rect.move(vx, 0)  
        if rect.x <= 0 or rect.x+rect.width >= window.width:  
            vx = -vx  
        pause(10)
```



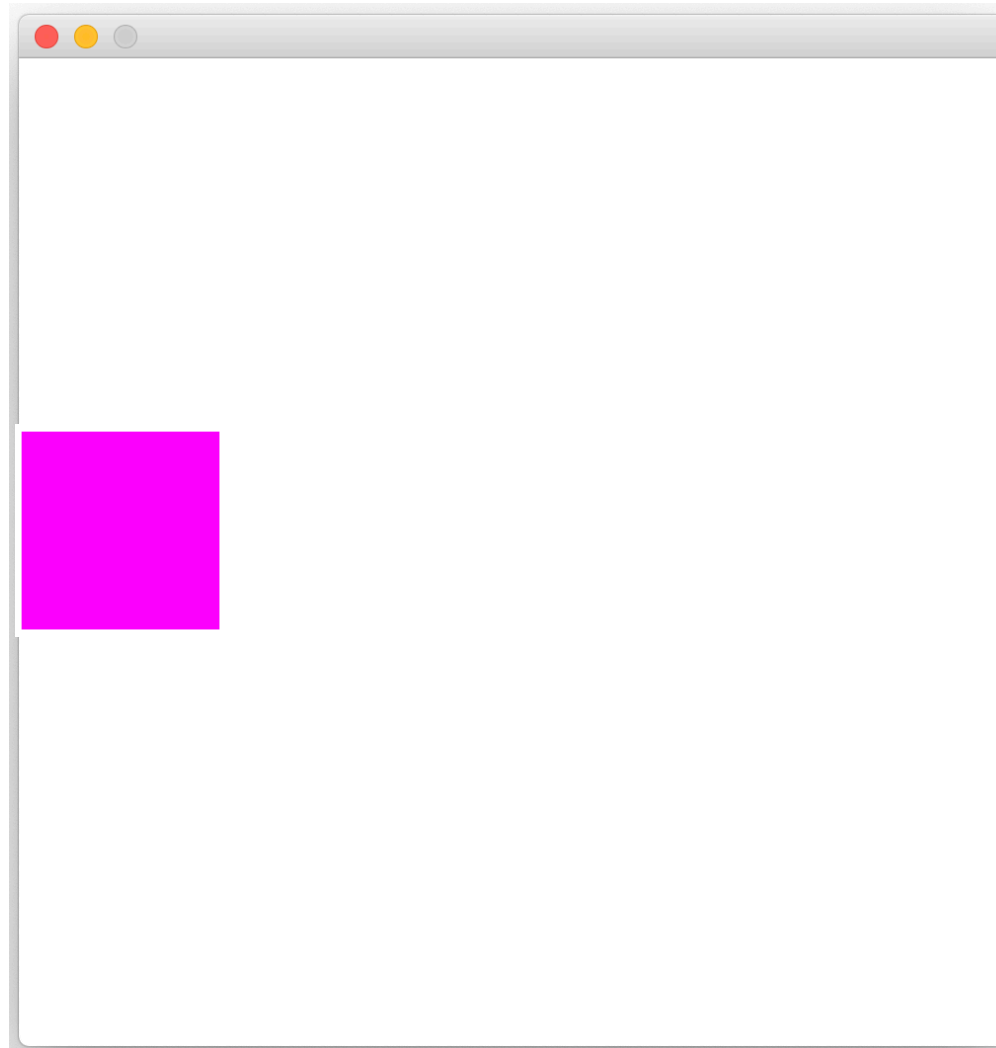
```
def main():  
    window = GWindow()  
    rect = set_up_rect()  
    window.add(rect, x=(window.width-SIZE)/2, y=(window.height-SIZE)/2)  
    vx = 5  
    while True:  
        rect.move(vx, 0)  
        if rect.x <= 0 or rect.x+rect.width >= window.width:  
            vx = -vx  
        pause(10)
```



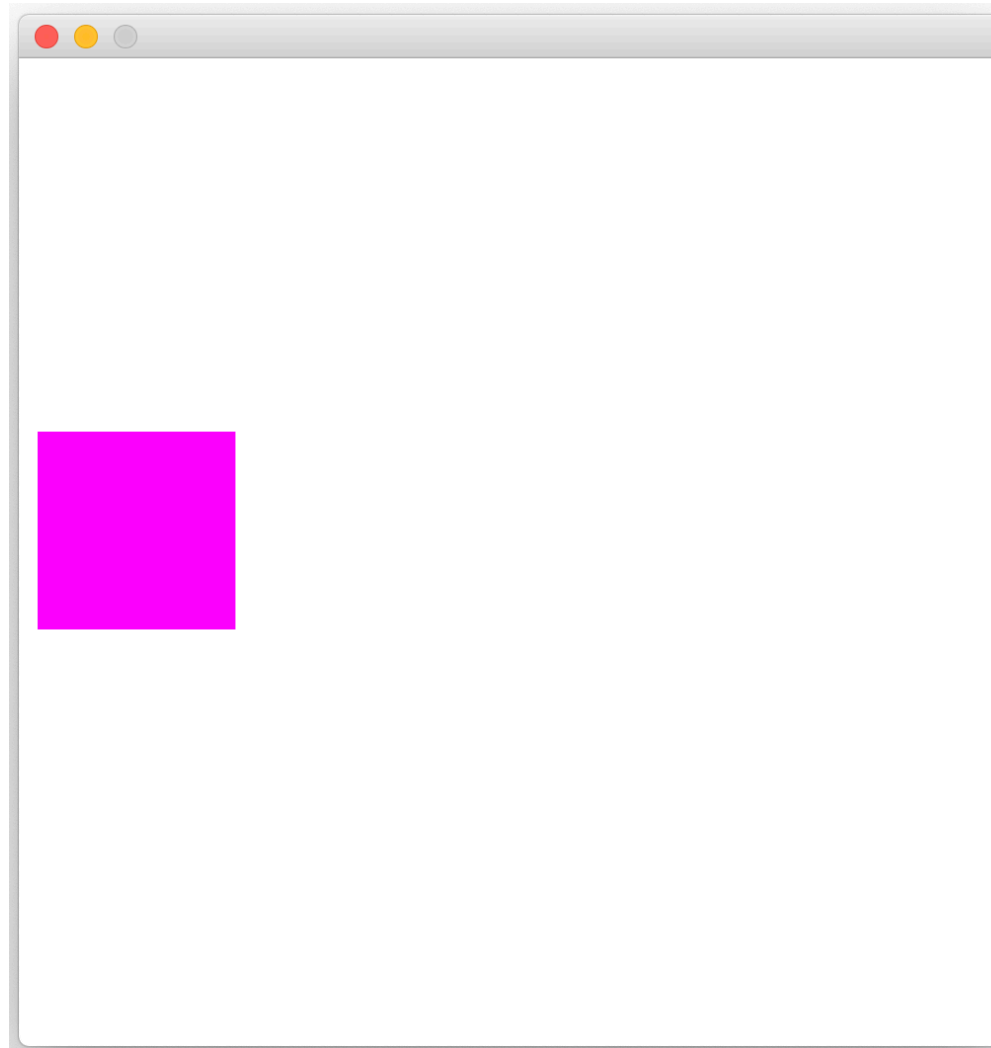
```
def main():  
    window = GWindow()  
    rect = set_up_rect()  
    window.add(rect, x=(window.width-SIZE)/2, y=(window.height-SIZE)/2)  
    vx = 5  
    while True:  
        rect.move(vx, 0)  
        if rect.x <= 0 or rect.x+rect.width >= window.width:  
            vx = -vx  
        pause(10)
```



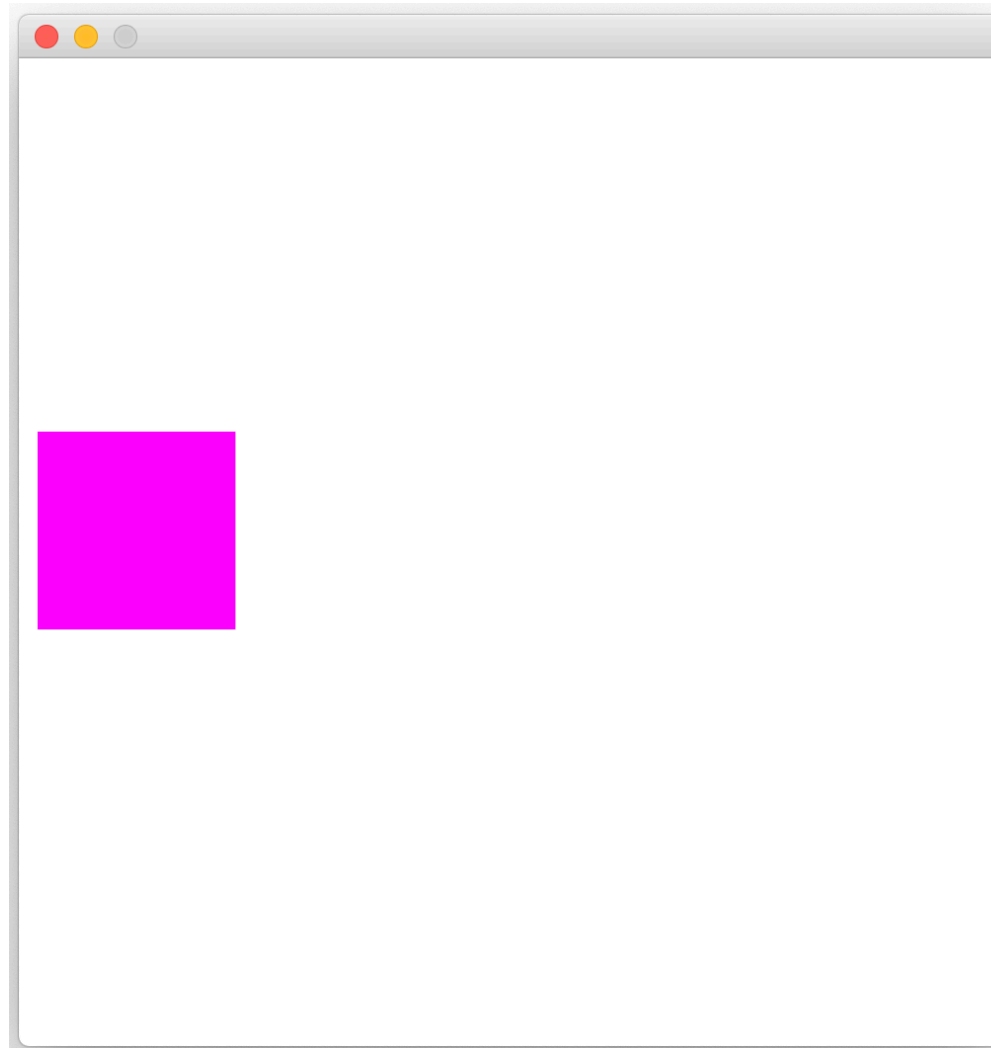
```
def main():  
    window = GWindow()  
    rect = set_up_rect()  
    window.add(rect, x=(window.width-SIZE)/2, y=(window.height-SIZE)/2)  
    vx = 5  
    while True:  
        rect.move(vx, 0)  
        if rect.x <= 0 or rect.x+rect.width >= window.width:  
            vx = -vx  
        pause(10)
```



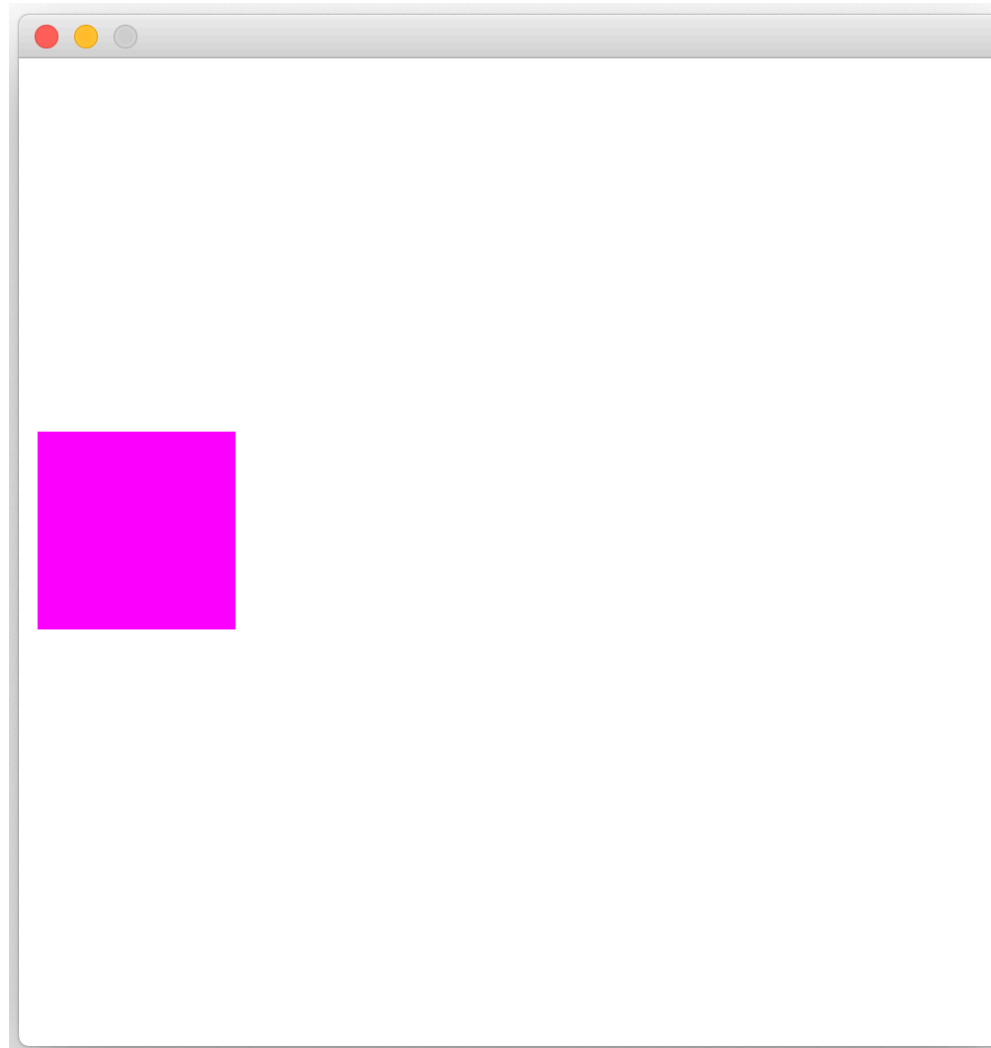

```
def main():  
    window = GWindow()  
    rect = set_up_rect()  
    window.add(rect, x=(window.width-SIZE)/2, y=(window.height-SIZE)/2)  
    vx = 5  
    while True:  
        rect.move(vx, 0)  
        if rect.x <= 0 or rect.x+rect.width >= window.width:  
            vx = -vx  
        pause(10)
```



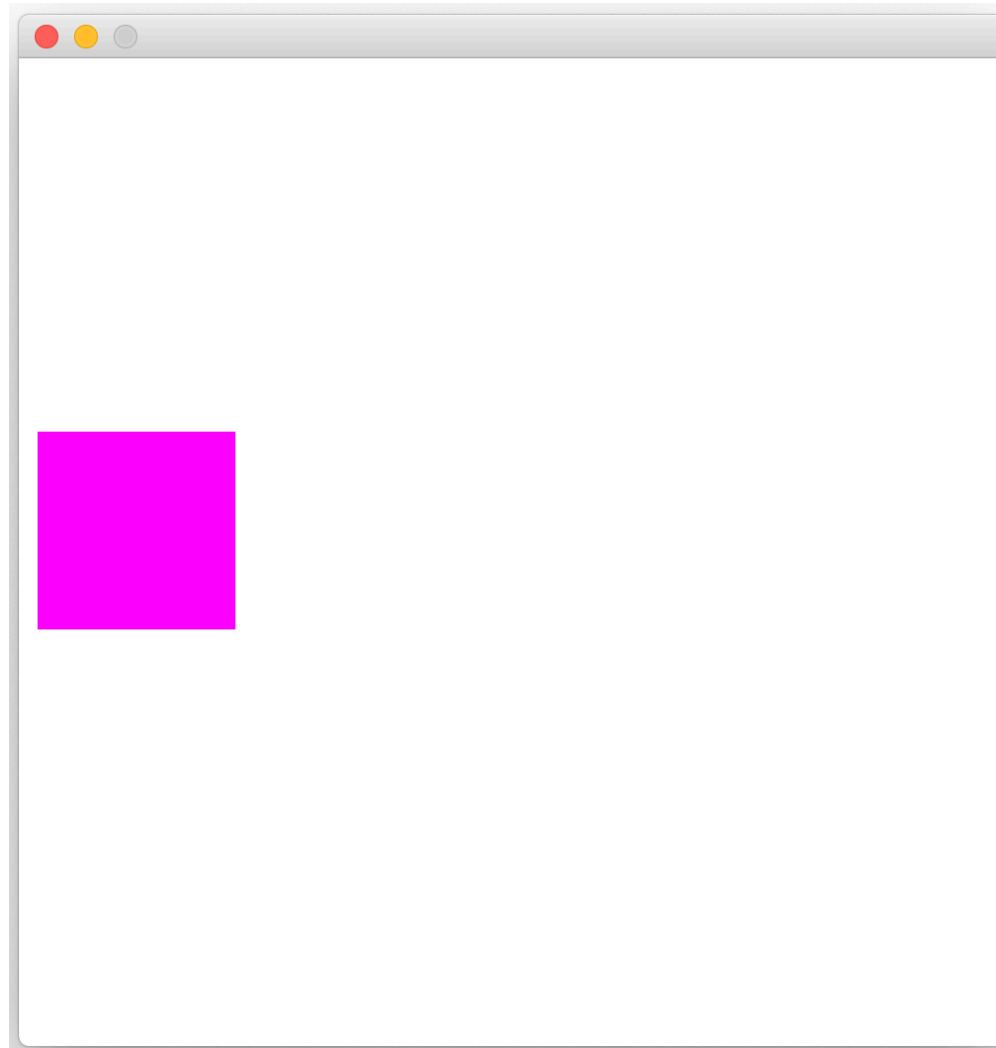
```
def main():  
    window = GWindow()  
    rect = set_up_rect()  
    window.add(rect, x=(window.width-SIZE)/2, y=(window.height-SIZE)/2)  
    vx = 5  
    while True:  
        rect.move(vx, 0)  
        if rect.x <= 0 or rect.x+rect.width >= window.width:  
            vx = -vx  
        pause(10)
```



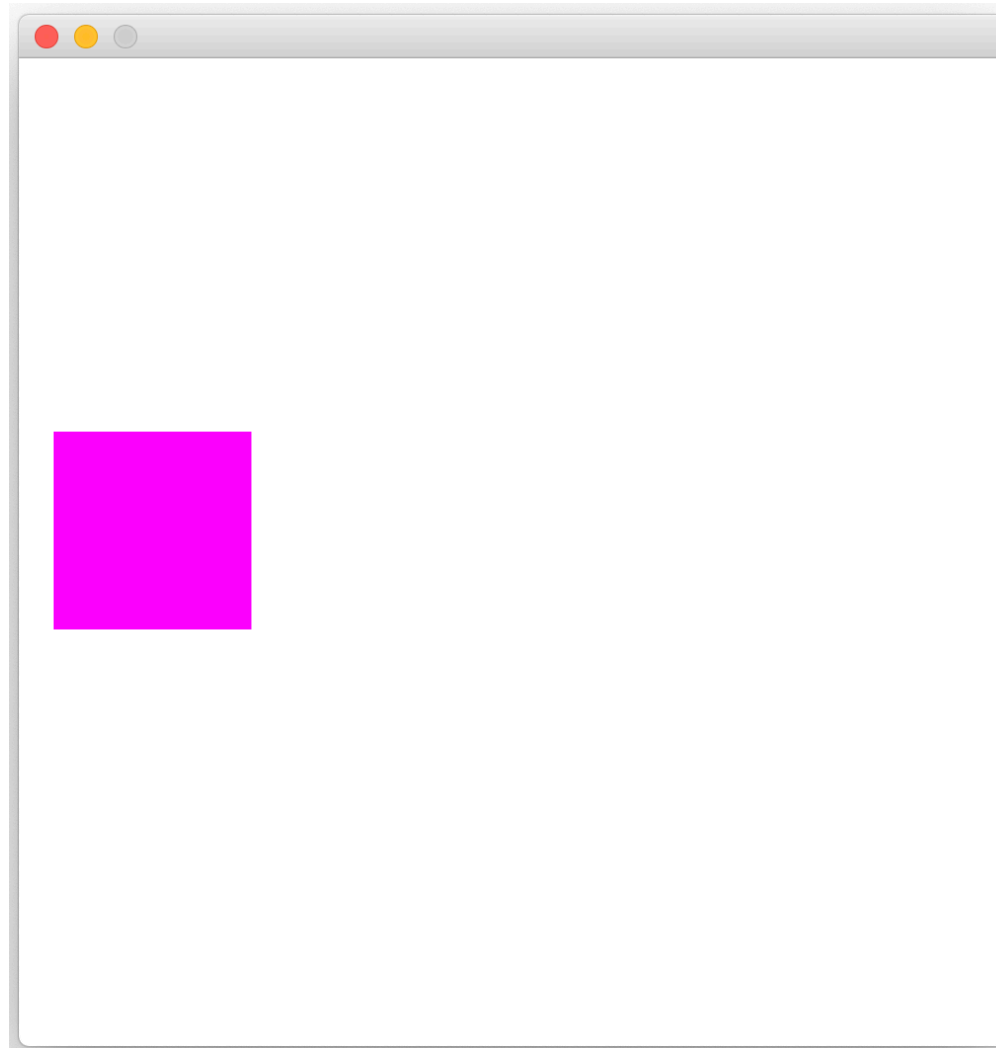
```
def main():  
    window = GWindow()  
    rect = set_up_rect()  
    window.add(rect, x=(window.width-SIZE)/2, y=(window.height-SIZE)/2)  
    vx = 5  
    while True:  
        rect.move(vx, 0)  
        if rect.x <= 0 or rect.x+rect.width >= window.width:  
            vx = -vx  
        pause(10)
```



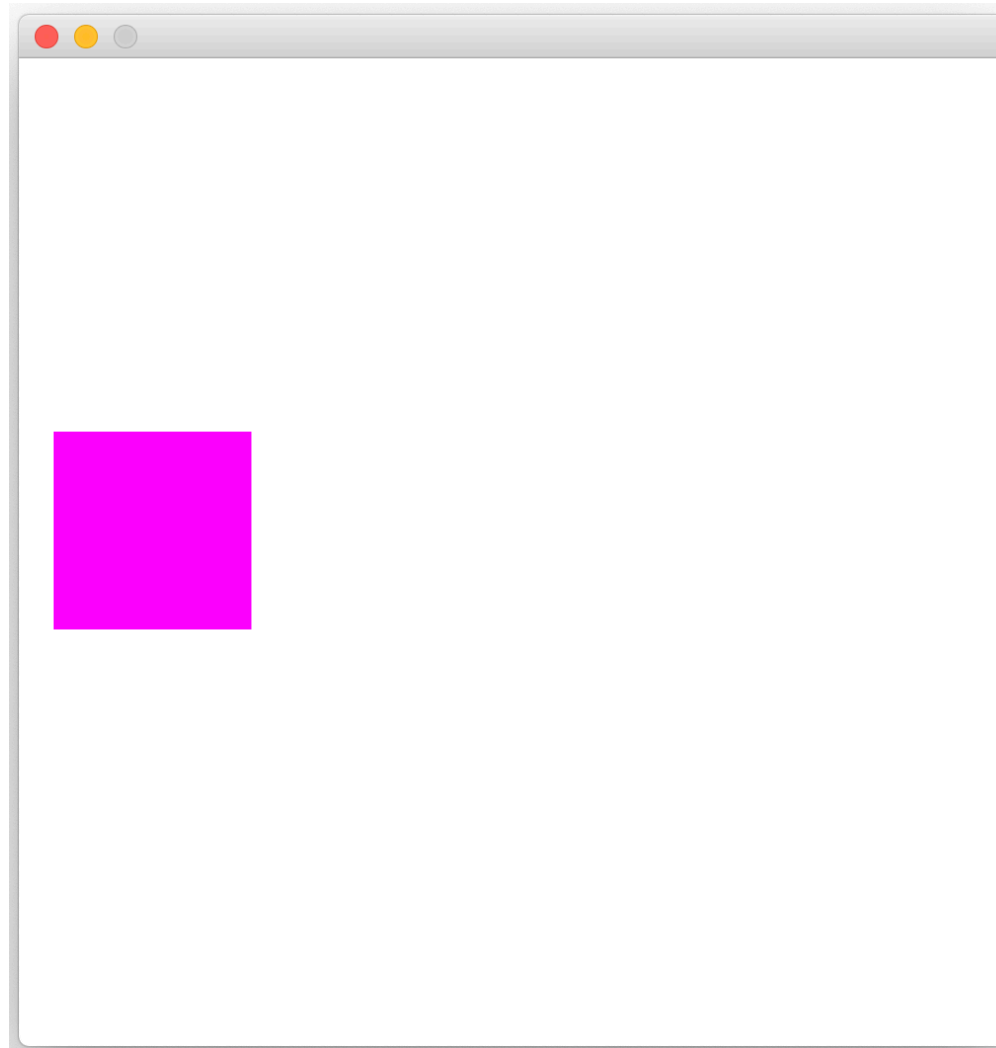
```
def main():  
    window = GWindow()  
    rect = set_up_rect()  
    window.add(rect, x=(window.width-SIZE)/2, y=(window.height-SIZE)/2)  
    vx = 5  
    while True:  
        rect.move(vx, 0)  
        if rect.x <= 0 or rect.x+rect.width >= window.width:  
            vx = -vx  
        pause(10)
```



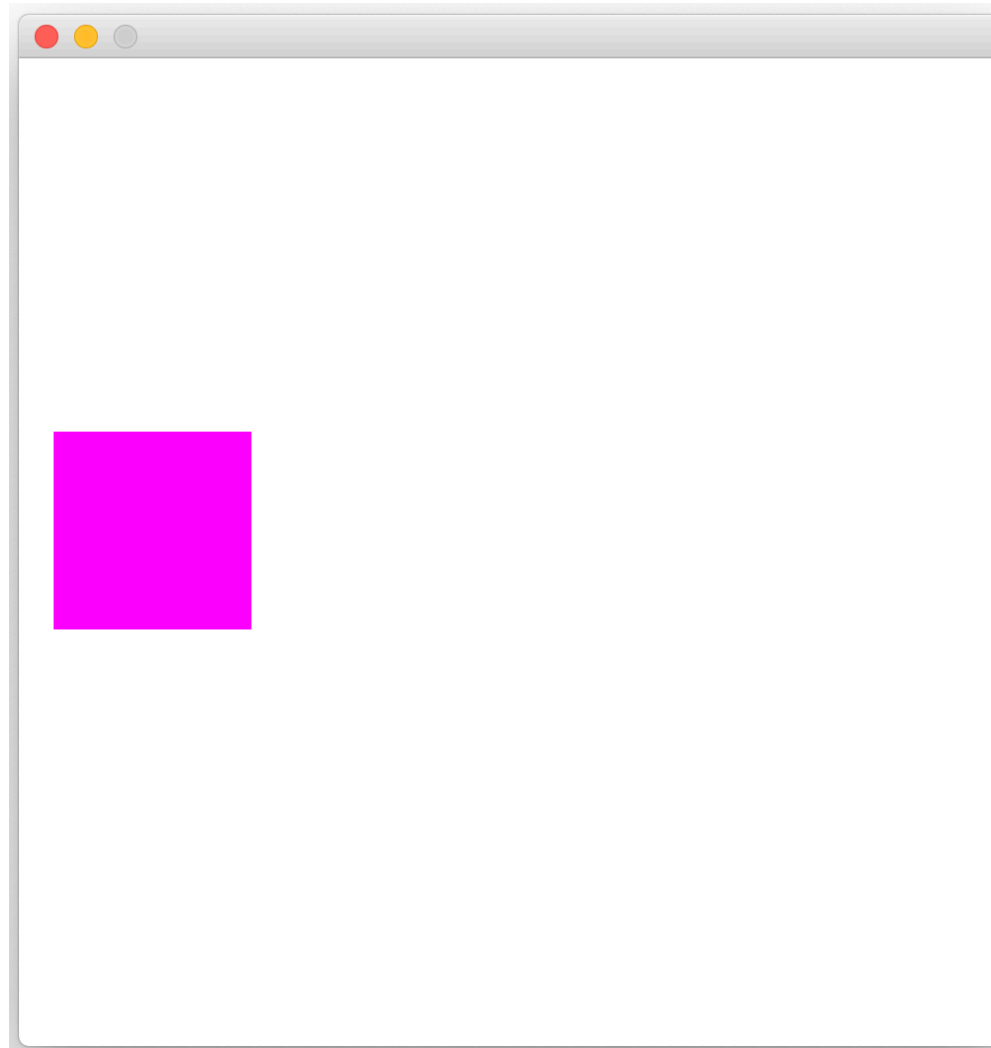
```
def main():  
    window = GWindow()  
    rect = set_up_rect()  
    window.add(rect, x=(window.width-SIZE)/2, y=(window.height-SIZE)/2)  
    vx = 5  
    while True:  
        rect.move(vx, 0)  
        if rect.x <= 0 or rect.x+rect.width >= window.width:  
            vx = -vx  
        pause(10)
```



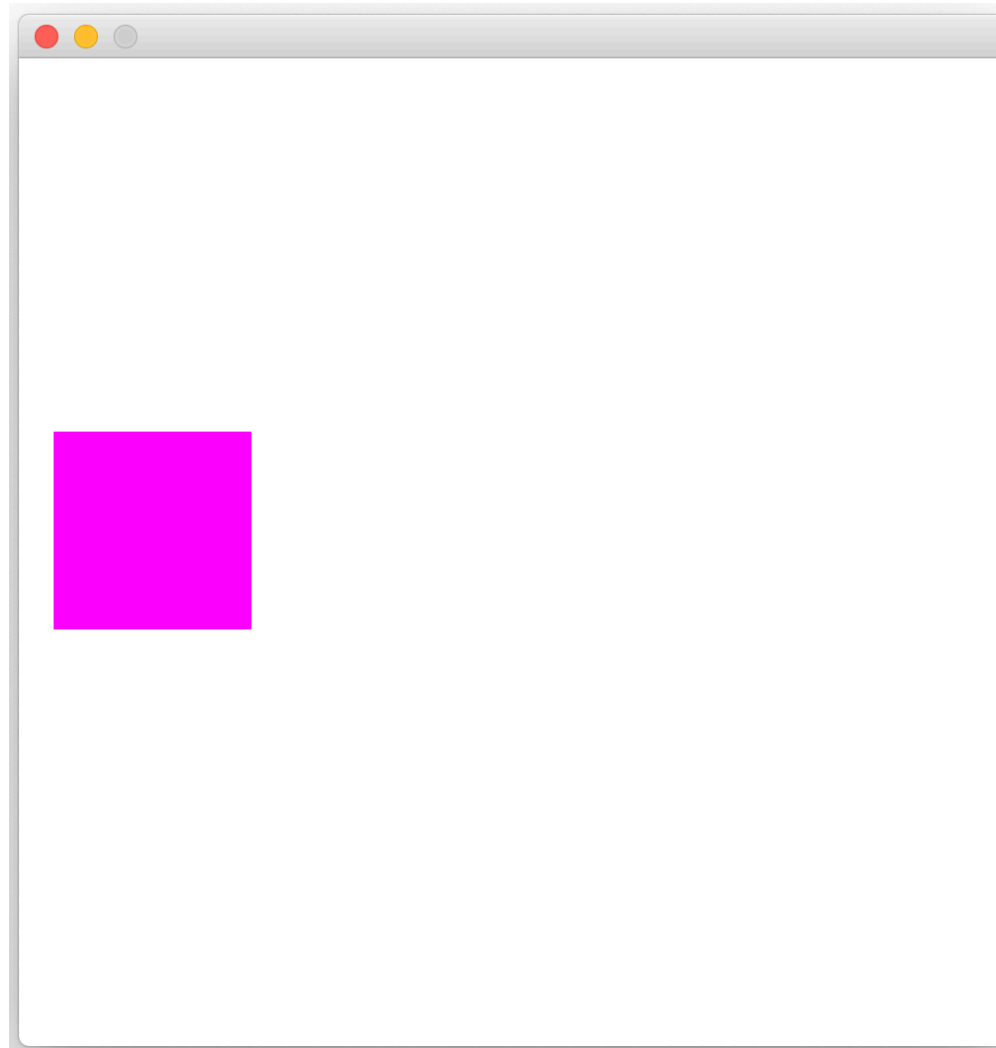
```
def main():  
    window = GWindow()  
    rect = set_up_rect()  
    window.add(rect, x=(window.width-SIZE)/2, y=(window.height-SIZE)/2)  
    vx = 5  
    while True:  
        rect.move(vx, 0)  
        if rect.x <= 0 or rect.x+rect.width >= window.width:  
            vx = -vx  
        pause(10)
```



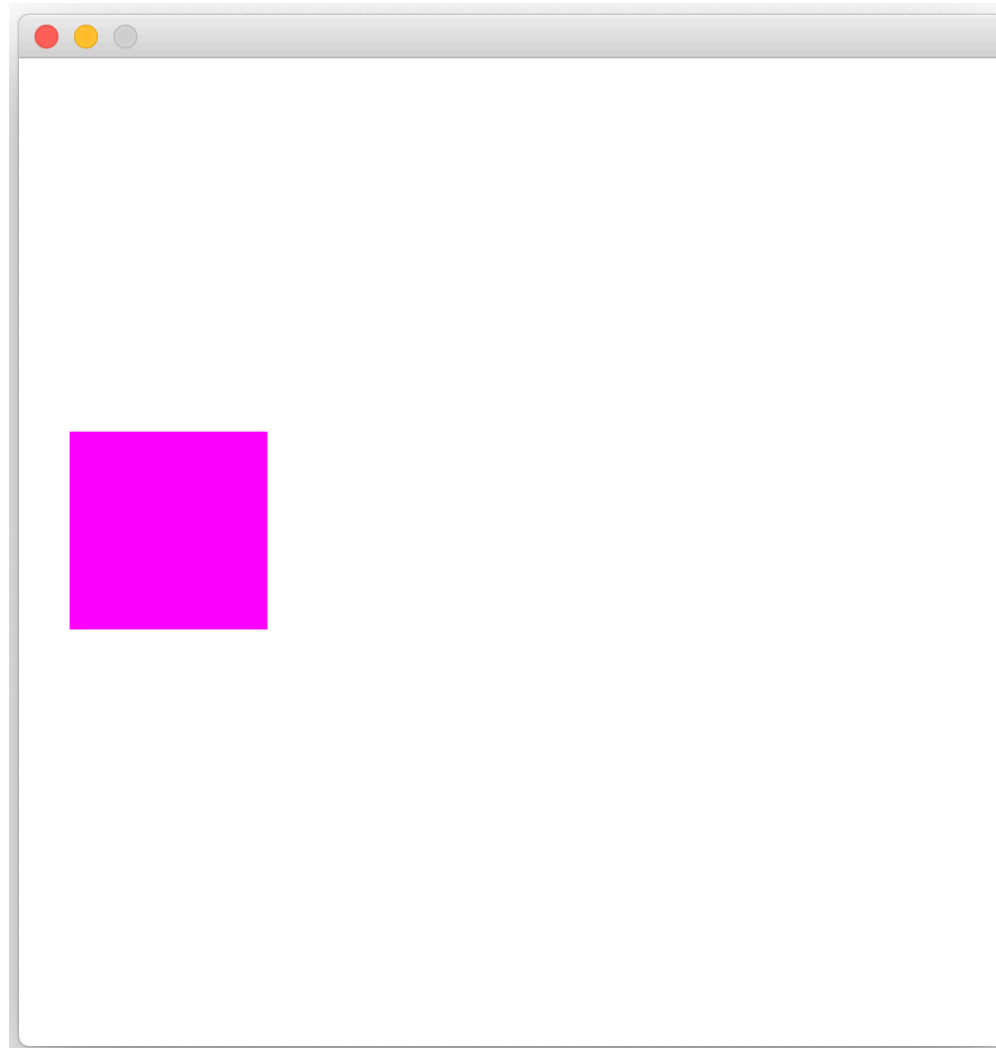
```
def main():  
    window = GWindow()  
    rect = set_up_rect()  
    window.add(rect, x=(window.width-SIZE)/2, y=(window.height-SIZE)/2)  
    vx = 5  
    while True:  
        rect.move(vx, 0)  
        if rect.x <= 0 or rect.x+rect.width >= window.width:  
            vx = -vx  
            pause(10)
```



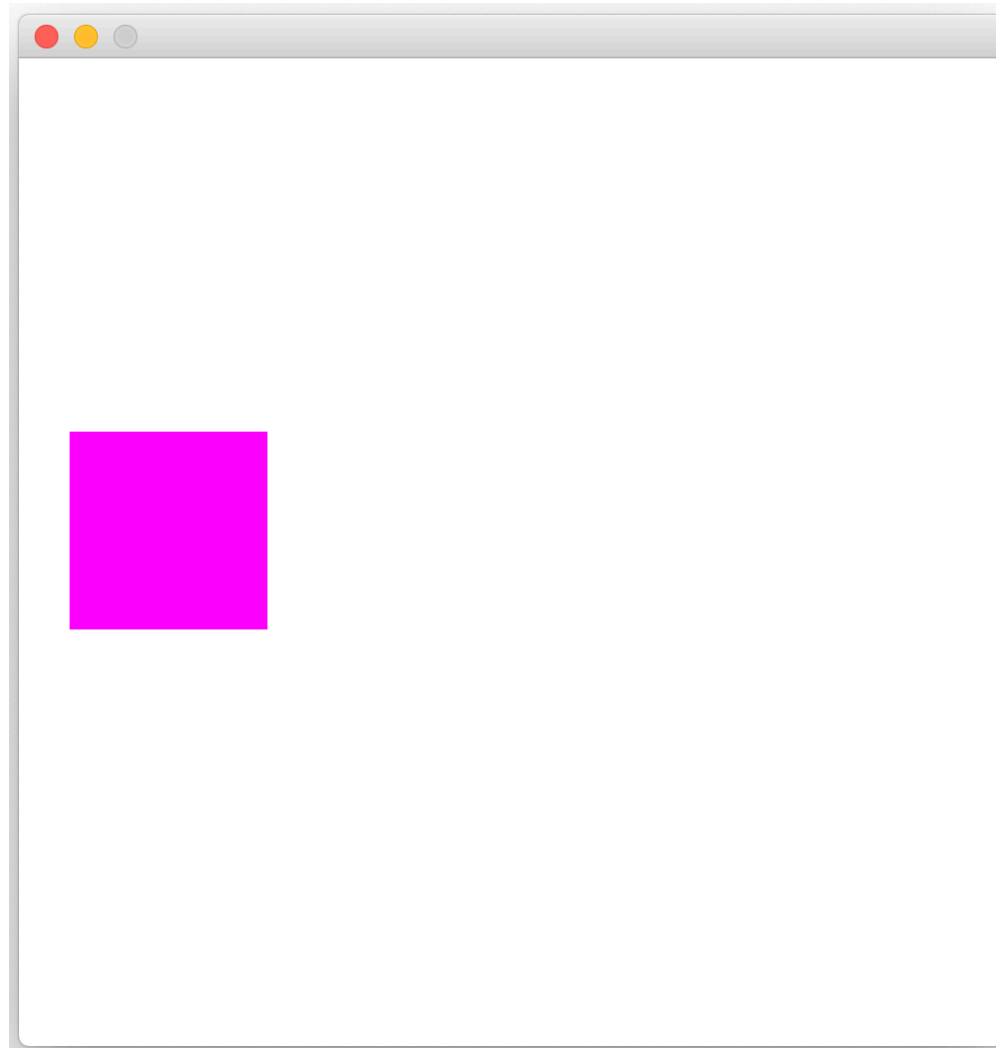
```
def main():  
    window = GWindow()  
    rect = set_up_rect()  
    window.add(rect, x=(window.width-SIZE)/2, y=(window.height-SIZE)/2)  
    vx = 5  
    while True:  
        rect.move(vx, 0)  
        if rect.x <= 0 or rect.x+rect.width >= window.width:  
            vx = -vx  
        pause(10)
```



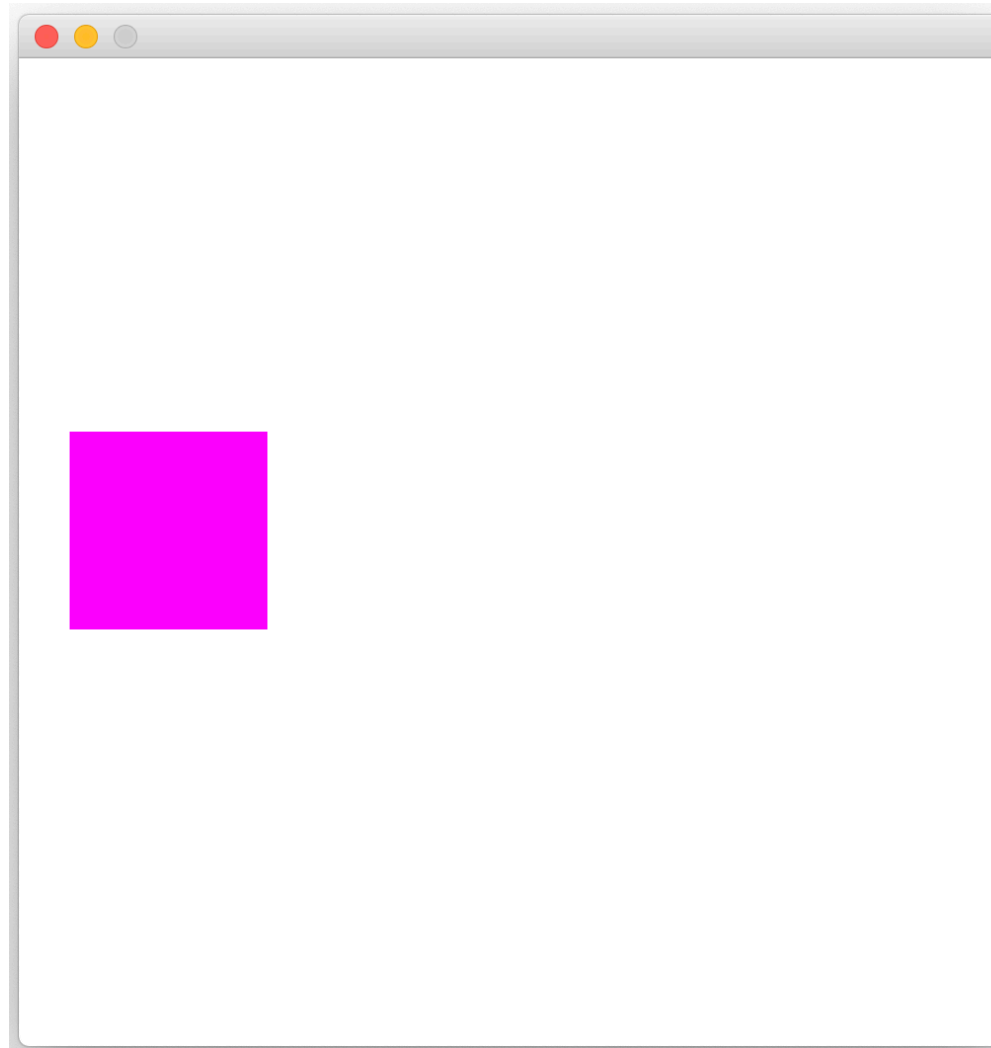

```
def main():  
    window = GWindow()  
    rect = set_up_rect()  
    window.add(rect, x=(window.width-SIZE)/2, y=(window.height-SIZE)/2)  
    vx = 5  
    while True:  
        rect.move(vx, 0)  
        if rect.x <= 0 or rect.x+rect.width >= window.width:  
            vx = -vx  
        pause(10)
```



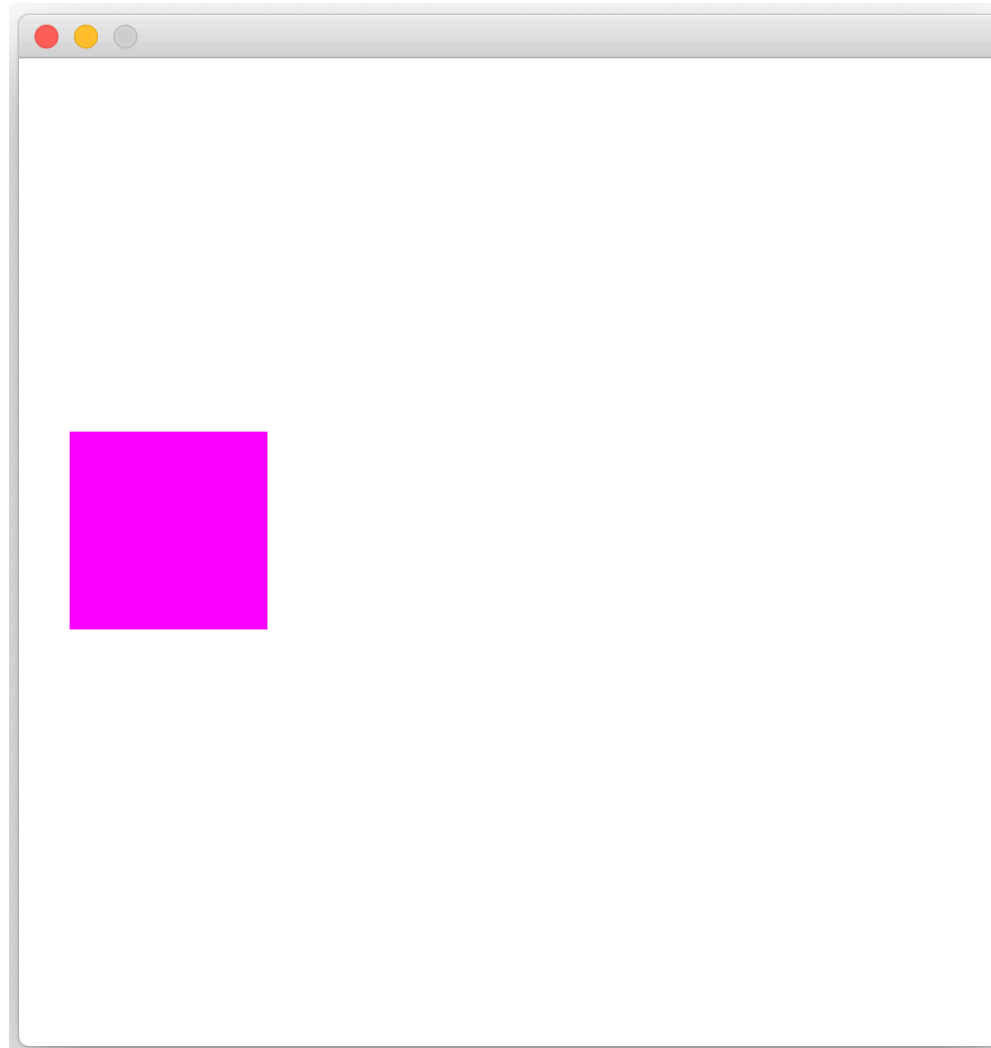
```
def main():  
    window = GWindow()  
    rect = set_up_rect()  
    window.add(rect, x=(window.width-SIZE)/2, y=(window.height-SIZE)/2)  
    vx = 5  
    while True:  
        rect.move(vx, 0)  
        if rect.x <= 0 or rect.x+rect.width >= window.width:  
            vx = -vx  
        pause(10)
```



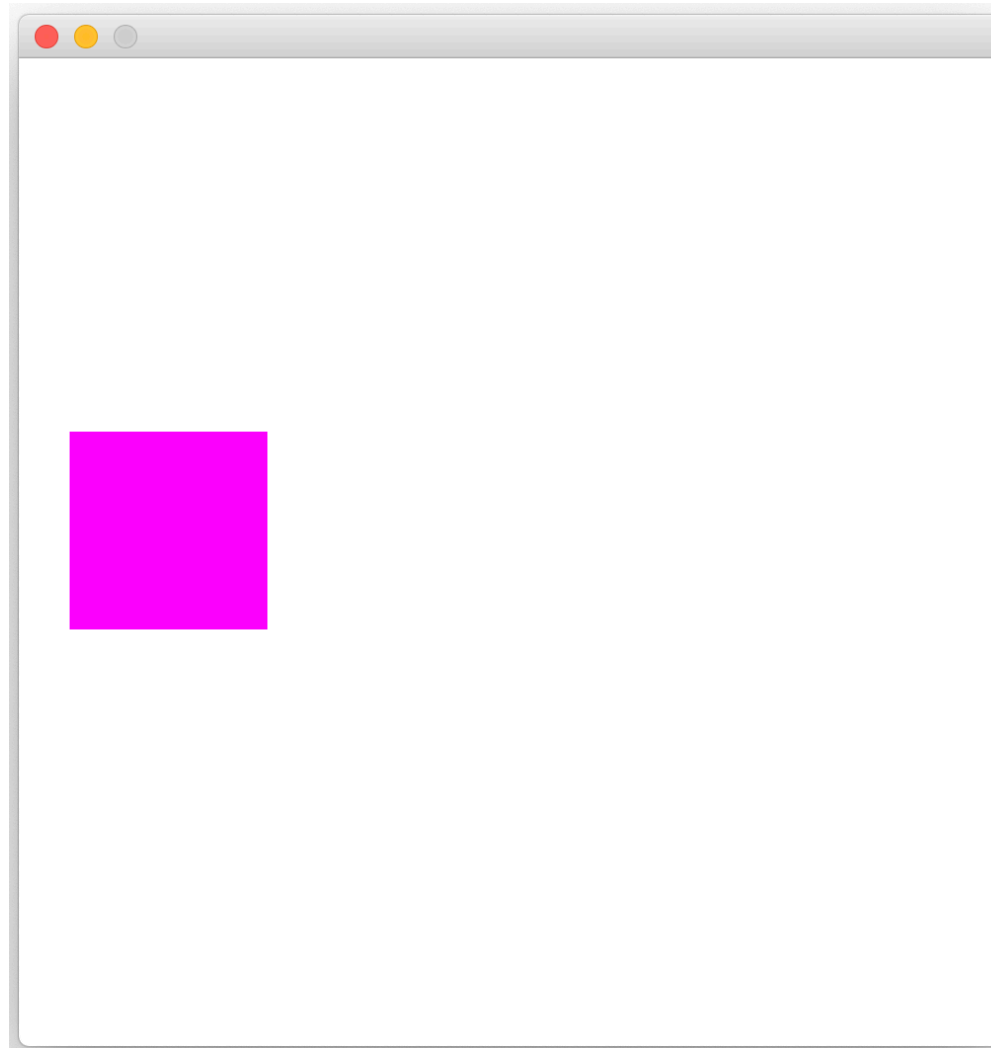
```
def main():  
    window = GWindow()  
    rect = set_up_rect()  
    window.add(rect, x=(window.width-SIZE)/2, y=(window.height-SIZE)/2)  
    vx = 5  
    while True:  
        rect.move(vx, 0)  
        if rect.x <= 0 or rect.x+rect.width >= window.width:  
            vx = -vx  
            pause(10)
```



```
def main():  
    window = GWindow()  
    rect = set_up_rect()  
    window.add(rect, x=(window.width-SIZE)/2, y=(window.height-SIZE)/2)  
    vx = 5  
    while True:  
        rect.move(vx, 0)  
        if rect.x <= 0 or rect.x+rect.width >= window.width:  
            vx = -vx  
            pause(10)
```



```
def main():  
    window = GWindow()  
    rect = set_up_rect()  
    window.add(rect, x=(window.width-SIZE)/2, y=(window.height-SIZE)/2)  
    vx = 5  
    while True:  
        rect.move(vx, 0)  
        if rect.x <= 0 or rect.x+rect.width >= window.width:  
            vx = -vx  
        pause(10)
```



```
def main():  
    window = GWindow()  
    rect = set_up_rect()  
    window.add(rect, x=(window.width-SIZE)/2, y=(window.height-SIZE)/2)  
    vx = 5  
    while True:  
        rect.move(vx, 0)  
        if rect.x <= 0 or rect.x+rect.width >= window.width:  
            vx = -vx  
        pause(10)
```

