

BIS 420 PROGRAMMING FOR DATA SCIENCE
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CHAPTER 17 EXERCISE 17.2
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Write an init method for the Point class that takes x and y as optional parameters and assigns them to the corresponding attributes.

class Point:

```
def __init__(self, x=0, y=0):  
    self.x = x  
    self.y = y
```

p1 = Point()

p2 = Point(5, 7)

print(p1.x, p1.y)

print(p2.x, p2.y)

```
class Point:  
    def __init__(self, x=0, y=0):  
        self.x = x  
        self.y = y  
  
p1 = Point()  
p2 = Point(5, 7)  
  
print(p1.x, p1.y)  
print(p2.x, p2.y)
```