

BIS 420 PROGRAMMING FOR DATA SCIENCE
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CHAPTER 17 EXERCISE 17.4
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Write an add method for the Point class.

class Point:

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

```
        self.x = x
```

```
        self.y = y
```

```
    def __str__(self):
```

```
        return f'({self.x}, {self.y})'
```

```
    def add(self, other):
```

```
        return Point(self.x + other.x, self.y + other.y)
```

```
p1 = Point(2, 3)
```

```
p2 = Point(4, 1)
```

```
p3 = p1.add(p2)
```

```
print(p3)
```

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

    def __str__(self):
        return f'({self.x}, {self.y})'

    def add(self, other):
        return Point(self.x + other.x, self.y + other.y)
p1 = Point(2, 3)
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p2 = Point(4, 1)
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print(p3)
```