

**BIS 420 PROGRAMMING FOR DATA SCIENCE**  
**PRAJAKTA POHARE**  
**CHAPTER 17 EXERCISE 17.1**  
**ILLINOIS STATE UNIVERSITY**

Rewrite `time_to_int` (from Section 16.4) as a method. It is probably not appropriate to rewrite `int_to_time` as a method; what object you would invoke it on?

```
class Time:
```

```
    def __init__(self, hour=0, minute=0, second=0):
```

```
        self.hour = hour
```

```
        self.minute = minute
```

```
        self.second = second
```

```
    def time_to_int(self):
```

```
        return self.hour * 3600 + self.minute * 60 + self.second
```

```
t = Time(2, 30, 15)
```

```
print(t.time_to_int())
```

```
class Time:
    def __init__(self, hour=0, minute=0, second=0):
        self.hour = hour
        self.minute = minute
        self.second = second

    def time_to_int(self):
        return self.hour * 3600 + self.minute * 60 + self.second

t = Time(2, 30, 15)
print(t.time_to_int())
```