

To modify the **Rectangle** class so that when we iterate over an instance, we get the length and width in the specified format, we can adjust the `__iter__` method to yield dictionaries instead of just values.

Example:

```
class Rectangle:
```

```
    def __init__(self, length: int, width: int):
```

```
        self.length = length
```

```
        self.width = width
```

```
    def __iter__(self):
```

```
        # Yielding dictionaries for length and width
```

```
        yield {'length': self.length}
```

```
        yield {'width': self.width}
```

```
# Example of creating an instance of the Rectangle class
```

```
my_rectangle = Rectangle(5, 3)
```

```
# Now we can iterate over my_rectangle
```

```
for dimension in my_rectangle:
```

```
    print(dimension)
```