Module 3: Object-Orientation in Go
Topic 2.3: Pointer Receivers, Referencing, Dereferencing

No Need to Dereference

- Point is referenced as p, not *p
- Dereferencing is automatic with . operator

```
func (p *Point) OffsetX(v int) {
      p.x = p.x + v
}
```

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No Need to Reference

- Do not need to reference when calling the method

```
func main() {
      p := Point{3, 4}
      p.OffsetX(5)
      fmt.Println(p.x)
}
```

Using Pointer Receivers

- Good programming practice:

1. All methods for a type have **pointer receivers**, or
2. All methods for a type have **non-pointer receivers**

- Mixing pointer/non-pointer receivers for a type will get confusing
  - Pointer receiver allows modification