CHAPT 3 OOP

Morgan Harper

April 12 2021

1

Country Object	Neighbors, Name
	NA

2

Polygon Object	Points, Name
	NA

Point Object	X,Y
	NA

3

```
                    ┌─────────┐
                    │ Point 1 │
                    └─────────┘
                         ↑
┌────────────┐      ┌─────────┐
│ Triangle 1 │─────→│ Point 2 │
└────────────┘      └─────────┘
       ✕
┌────────────┐      ┌─────────┐
│ Triangle 2 │─────→│ Point 3 │
└────────────┘      └─────────┘

                    ┌─────────┐
                    │ Point 4 │
                    └─────────┘
```

4

Polygon Object	Points, Name, first, last
	NA

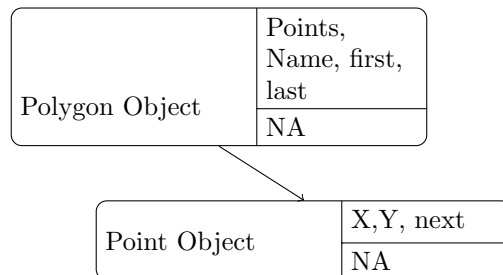| Point Object	X,Y, next
	NA
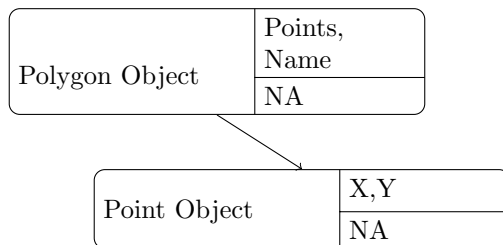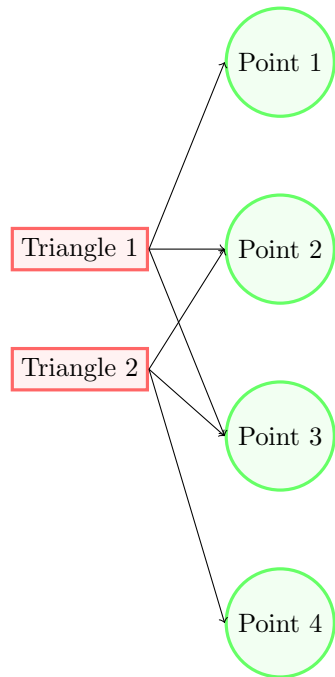
5

Instance diagrams of a square describing four points with relations between the square and the points

6

Person Object	relatives, associations
	new relation

7

Red Point

Page 1 --on--> Red Point

Page 1 --on--> Yellow Square

Page 2 --> ellipse

Page 2 --> Line

Page 3 --> Arc 1

Page 3 --> Circle 1

Page 3 --> Rectangle 1

Page 4 --> Arc 2

Page 4 --> Circle 2

Page 4 --> Rectangle 2