

MapView

A. Declaration of customized MKAnnotation

```
class AnnotationPin : NSObject, MKAnnotation {
    var title : String?
    var subtitle : String?
    coordinate : CLLocationCoordinate2D
    init (title : String, subtitle : String, coordinate : CLLocationCoordinate2D) {
        self.title = title
        self.subtitle = subtitle
        self.coordinate = coordinate
    }
}
```

B. Declare the following properties in main map view

1. var pin : AnnotationPin!
2. let coordinate = CLLocationCoordinate2D(latitude : , longitude :)
3. let region = MKCoordinateRegionMakeWithDistance(coordinate, 10, 10)
4. mapView.setRegion(region, animated : false)
5. pin = Annotation(title : , subtitle: , coordinate:)
6. mapView.addAnnotation(pin)
7. protocol method viewFor
 1. let annotationView = MKAnnotationView(annotation : pin, reuseIdentifier : "c_1")
 2. annotationView.image = UIImage(named : "your_image")
 3. return annotationView