```swift
import UIKit

protocol BasemapType {
    func BasemapNamePass(bmName: String)
}

class BaseMapViewController: UIViewController,
UICollectionViewDataSource, UICollectionViewDelegate {


    @IBOutlet weak var collectionView: UICollectionView!

    var cellSelected: UICollectionViewCell!
    var basemap: Basemap?
    var basemapName: String!

    private var basemaps : [Basemap] = [Basemap(image:
"Hybrid", name: "Hybrid"),
                                        Basemap(image:
"Normal", name: "Normal"),
                                        Basemap(image:
"Satellite", name: "Satellite"),
                                        Basemap(image:
"Coast", name: "Coast")
                                    ]

    var delegate: BasemapType!

    override func viewDidLoad() {
        super.viewDidLoad()

        collectionView.dataSource = self
        collectionView.delegate = self
        collectionView.collectionViewLayout =
UICollectionViewFlowLayout()


    }

    func numberOfSections(in collectionView:
UICollectionView) -> Int {
        return 1
    }
```

```swift
    func collectionView(_ collectionView:
UICollectionView, numberOfItemsInSection section: Int) ->
Int {
        return basemaps.count
    }

    func collectionView(_ collectionView:
UICollectionView, cellForItemAt indexPath: IndexPath) ->
UICollectionViewCell {
        let cell =
collectionView.dequeueReusableCell(withReuseIdentifier:
"dataCell", for: indexPath) as! BasemapCollectionViewCell

        let basemap = basemaps[indexPath.row]
        cell.basemapImageView.image = UIImage(named:
basemap.image)
        cell.basemapNameLabel.text = basemap.name

        cell.layer.borderColor = UIColor.lightGray.cgColor
        cell.layer.borderWidth = 0.5

//        if cell.basemapNameLabel.text == basemapName {
//            cell.isUserInteractionEnabled = false
//        }

        return cell

    }


    func collectionView(_ collectionView:
UICollectionView, didSelectItemAt indexPath: IndexPath) {
        let cell = collectionView.cellForItem(at:
indexPath)
        cell?.layer.borderColor = UIColor.red.cgColor
        cell?.layer.borderWidth = 2.0

        cell?.isUserInteractionEnabled = false

        self.basemapName = basemaps[indexPath.row].name
        print ("1:", basemapName ?? "")
        self.passingBaseMapType()

    }
```

```swift
    func collectionView(_ collectionView:
UICollectionView, didDeselectItemAt indexPath: IndexPath)
{
        let cell = collectionView.cellForItem(at:
indexPath)
        cell?.layer.borderColor =
UIColor.lightGray.cgColor
        cell?.layer.borderWidth = 0.5

        cell?.isUserInteractionEnabled = true
    }

    func passingBaseMapType() {
        delegate.BasemapNamePass(bmName:
self.basemapName)
    }


    // MARK: - Navigation

    override func prepare(for segue: UIStoryboardSegue,
sender: Any?) {



    }


}

extension  BaseMapViewController:
UICollectionViewDelegateFlowLayout{
    func collectionView(_ collectionView:
UICollectionView, layout collectionViewLayout:
UICollectionViewLayout, sizeForItemAt indexPath:
IndexPath) -> CGSize {
        return CGSize(width: 110, height: 110)
    }

}
```