SETTING UP THE UITEXTFIELDDELEGATE PROTOCOL

CityViewController.h

```
@interface CityViewController : UIViewController <UITextFieldDelegate>
```

Declaring a Protocol

CityViewController.m

```
- (void)viewDidLoad {
    self.notesField = [[UITextField alloc] init];
    self.notesField.frame = CGRectMake(15,220,290,30);
    self.notesField.delegate = self;
}
```

"self" here is CityViewController

Editing Data In Models

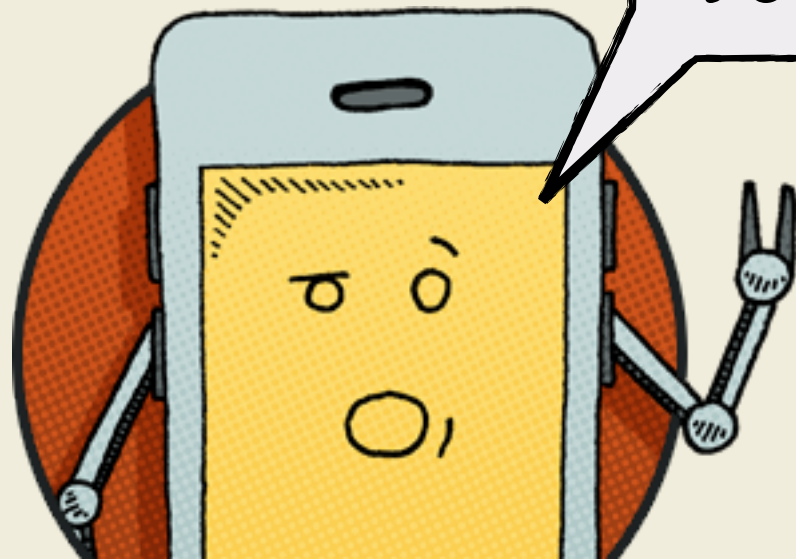iOS
OPERATION:
MODELS

CityViewController.m

```objc
- (BOOL)textFieldShouldReturn:(UITextField *)textField {
    // 1. Update the City Model object with the text in notesField
    self.city.notes = self.notesField.text;

    // 2. Make the keyboard go away
    [textField resignFirstResponder];

    return YES;
}
```

iOS
OPERATION:
MODELS

EditNoteViewController.h

```objc
#import <UIKit/UIKit.h>
#import "City.h"
@interface EditNoteViewController : UIViewController <UITextFieldDelegate>
@property (strong, nonatomic) UITextField *notesField;
@property (strong, nonatomic) City *city;

- (void)savePressed;

@end
```


YOU KNOW THE DRILL BY NOW!

iOS
OPERATION:
MODELS

EditNoteViewController.m

```objc
- (void)viewDidLoad {
    self.city = [[City alloc] init];
    self.notesField = [[UITextField alloc] init];
    self.notesField.frame = CGRectMake(15,50,290,30);
    self.notesField.delegate = self;
}

- (void)viewWillAppear:(BOOL)animated {
    self.notesField.text = self.city.notes;
}
```

Carrier 9:57 AM

City **Edit Note**

note:

The City Beautiful!

Places   Interesting Places   City

Editing Data In Models

iOS
OPERATION:
MODELS