

# UI Alert View

The implementation of UIAlertView is done programmatically.

## Basic Alert Message:

### Programming:

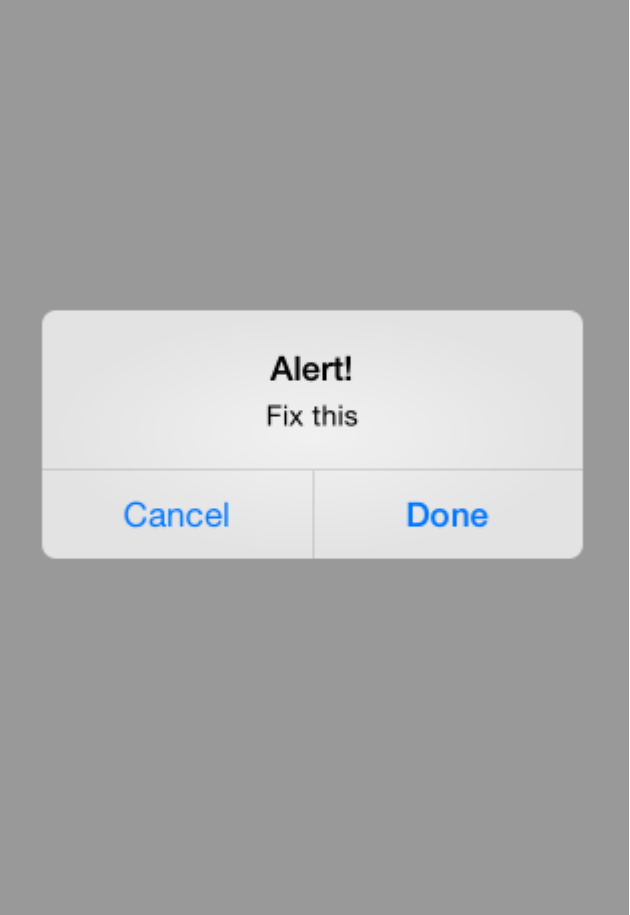
In your ViewController.h file add <UIAlertViewDelegate> to the end of @interface ViewController : UIViewController so the program can implement the methods called with UIAlertView. In the ViewController.m file, add the code below:

```
@implementation ViewController

- (void)viewDidLoad
{
    [super viewDidLoad];
    //initializes the alert view pop up
    UIAlertView * alert =[[UIAlertView alloc ] initWithTitle:@"Alert!"
        message:@"Fix this"
        delegate:self
        cancelButtonTitle:@"Cancel"
        otherButtonTitles: nil];
    [alert addButtonWithTitle:@"Done");//comment out if only want 1 button
    [alert show];
}

//prints messages to the console to see if the button clicked event works and the view goes away after
- (void)alertView:(UIAlertView *)alertView didDismissWithButtonIndex:(NSInteger)buttonIndex
{
    NSLog(@"Button Index =%ld", (long)buttonIndex);
    if (buttonIndex == 0)
    {
        NSLog(@"You have clicked Cancel");
    }
    else if (buttonIndex == 1)
    {
        NSLog(@"You have clicked Done");
    }
}
```

### Finished Product:



## User Input Alert Message:

If instead you wanted to have an alert message that required user input:

### Programming:

In your ViewController.h file keep <UIAlertViewDelegate> at the end of @interface ViewController : UIViewController. In the ViewController.m file, add the code below:

```
@implementation ViewController

- (void)viewDidLoad {
    [super viewDidLoad];
    //this alert view accounts for two inputs from the user
    UIAlertView * alert =[[UIAlertView alloc ] initWithTitle:@"Login"
        message:@"Enter Username & Password"
        delegate:self cancelButtonTitle:@"Cancel"
        otherButtonTitles: nil];

    alert.alertViewStyle = UIAlertViewStyleLoginAndPasswordInput;
    [alert addButtonWithTitle:@"Login"];
    [alert show];
}

//this method records the username and password in the console
- (void)alertView:(UIAlertView *)alertView didDismissWithButtonIndex:(NSInteger)buttonIndex {
    if (buttonIndex == 1)
    {
        UITextField *username = [alertView textFieldAtIndex:0];
        NSLog(@"username: %@", username.text);

        UITextField *password = [alertView textFieldAtIndex:1];
        password.secureTextEntry = YES; //hides password input
        NSLog(@"password: %@", password.text);
    }
}
```

### Finished Product:

