

Use of Text View

Text View is used for displaying multi line of scrollable text, which is optionally editable.

Important Properties

- dataDetectorTypes
- delegate
- editable
- inputAccessoryView
- inputView
- text
- textAlignment
- textColor

Important Delegate Methods

```
-(void)textViewDidBeginEditing:(UITextView *)textView
-(void)textViewDidEndEditing:(UITextView *)textView
-(void)textViewDidChange:(UITextView *)textView
-(BOOL)textViewShouldEndEditing:(UITextView *)textView
```

Add a Custom Method addTextView

```
-(void)addTextView{
    myTextView = [[UITextView alloc] initWithFrame:
    CGRectMake(10, 50, 300, 200)];
    [myTextView setText:@"Lorem ipsum dolor sit er elit lamet, consectetur
    cillum adipisicing pecu, sed do eiusmod tempor incididunt ut labore et
    dolore magna aliqua. Ut enim ad minim veniam, quis nostrud exercitation
    ullamco laboris nisi ut aliquip ex ea commodo consequat. Duis aute irure
    dolor in reprehenderit in voluptate velit esse cillum dolore eu fugiat
    nulla pariatur. Excepteur sint occaecat cupidatat non proident, sunt in
    culpa qui officia deserunt mollit anim id est laborum. Nam liber te
    conscient to factor tum poen legum odioque civiuda.
    Lorem ipsum dolor sit er elit lamet, consectetur cillum adipisicing
    pecu, sed do eiusmod tempor incididunt ut labore et dolore magna aliqua.
    Ut enim ad minim veniam, quis nostrud exercitation ullamco laboris nisi
    aliquip ex ea commodo consequat. Duis aute irure dolor in reprehenderit
    in voluptate velit esse cillum dolore eu fugiat nulla pariatur.
    Excepteur sint occaecat cupidatat non proident, sunt in culpa
    qui officia deserunt mollit anim id est laborum. Nam liber te conscient
    to factor tum poen legum odioque civiuda."];
    myTextView.delegate = self;
    [self.view addSubview:myTextView];
}
```

Implement the textView Delegates in ViewController.m

```
#pragma mark - Text View delegates

-(BOOL)textView:(UITextView *)textView shouldChangeTextInRange:
(NSRange)range replacementText:(NSString *)text{
    if ([text isEqualToString:@"\n"]) {
        [textView resignFirstResponder];
    }
}
```

```

    }
    return YES;
}
-(void)textViewDidBeginEditing:(UITextView *)textView{
    NSLog(@"Did begin editing");
}
-(void)textViewDidChange:(UITextView *)textView{
    NSLog(@"Did Change");
}
-(void)textViewDidEndEditing:(UITextView *)textView{
    NSLog(@"Did End editing");
}
-(BOOL)textViewShouldEndEditing:(UITextView *)textView{
    [textView resignFirstResponder];
    return YES;
}

```

Update viewDidLoad in ViewController.m as follows

```

(void)viewDidLoad
{
    [super viewDidLoad];
    [self addTextView];
}

```

Output

When we run the application, we'll get the following output –

