

```
//
// TextStatsViewController.m
// attributor00
//
// Created by MacMan on 9/28/16.
// Copyright © 2016 StepWiseDesigns. All rights reserved.
//

#import "TextStatsViewController.h"

@interface TextStatsViewController ()
@property (weak, nonatomic) IBOutlet UILabel *colorfulCharactersLabel;
@property (weak, nonatomic) IBOutlet UILabel *outlinedCharactersLabel;

@end

@implementation TextStatsViewController

-(void)setTextToAnalyze:(NSAttributedString *)textToAnalyze{
    _textToAnalyze = textToAnalyze;
    if(self.view.window){
        [self updateUI];
    }
}

-(void)viewWillAppear:(BOOL)animated{
    [super viewWillAppear:animated];
    [self updateUI];
}

-(void)updateUI{
    self.colorfulCharactersLabel.text = [NSString stringWithFormat:@"%lu colorful characters",[self charactersWithAttribute:NSForegroundColorAttributeName]length]];

    self.outlinedCharactersLabel.text = [NSString stringWithFormat:@"%lu outlined characters",[self charactersWithAttribute:NSStrikeColorAttributeName]length]];
}

-(NSAttributedString *)charactersWithAttribute:(NSString *)attributeName{
    NSMutableAttributedString *characters = [[NSMutableAttributedString alloc] init];
    long index =0;
    while(index < [self.textToAnalyze length]){
        NSRange range;
        id value = [self.textToAnalyze attribute:attributeName atIndex:index effectiveRange:&range];

        if(value) {
            [characters appendAttributedString:[self.textToAnalyze attributedSubstringFromRange:range]];
            index = range.location+range.length;
        }
    }
}
```

```
        }else {  
            index++;  
        }  
    }return characters;  
}  
@end
```