

INFORMATIČKI KLUB

# FUTURA

## Od ideje do aplikacije

Dubrovnik, ožujak-svibanj 2014.

Radionice se organiziraju u suradnji sa Sveučilištem u Dubrovniku i RIT Croatia, a uz potporu Zajednice tehničke kulture Dubrovačko - neretvanske županije i Grada Dubrovnika



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**iOS – 3. radionica**

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Dubrovnik, svibanj 2014.



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# Razvoj aplikacija za iOS

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## Sadržaj:

- Ask the Penguin
  - Delegati & IBAction
  - Pozicioniranje YES i NO UIImageView objekata
  - Random
  - Resetiranje UI-a

# Razvoj aplikacija za iOS

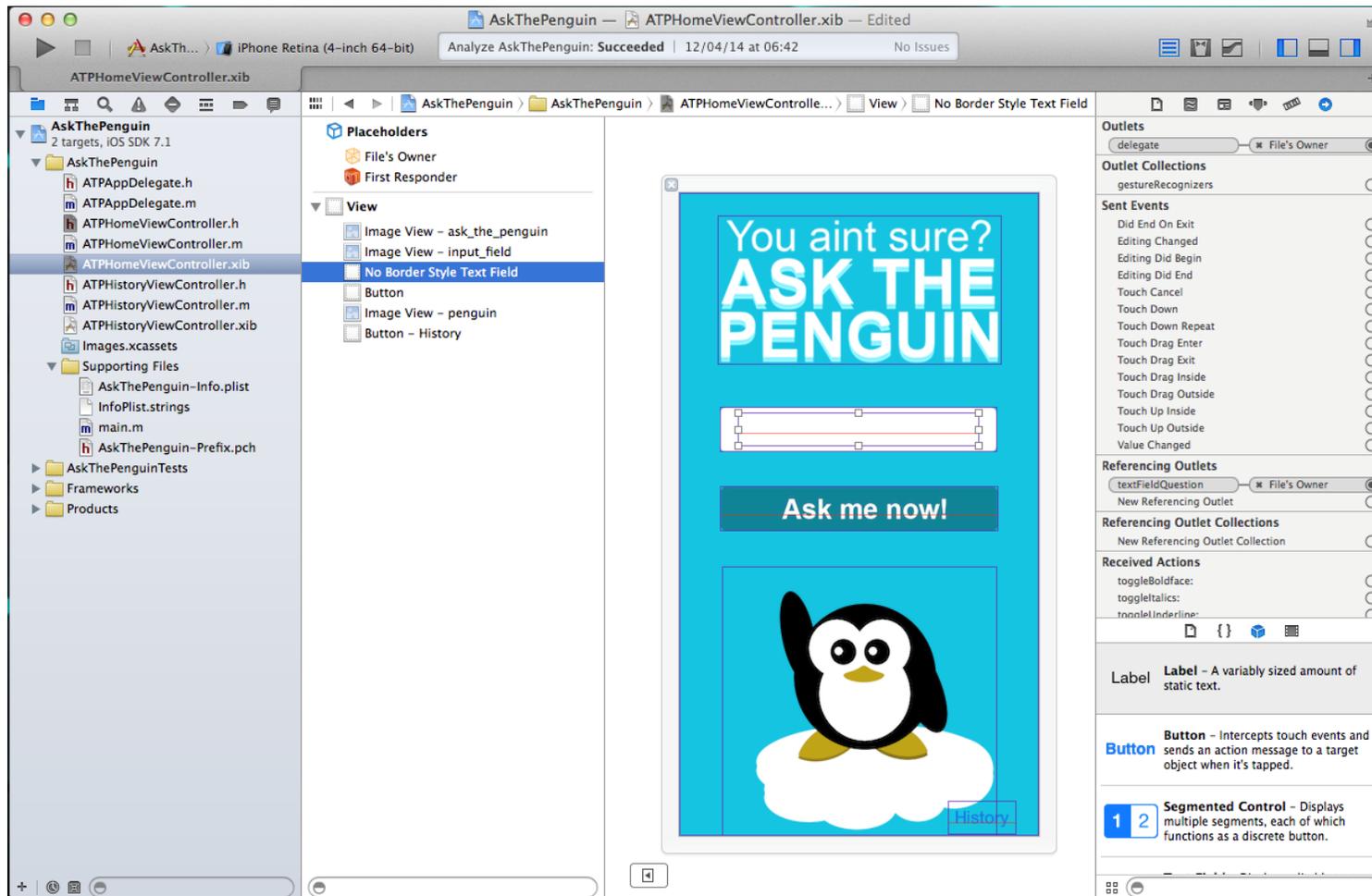
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## Ask the Penguin



# Ask the Penguin

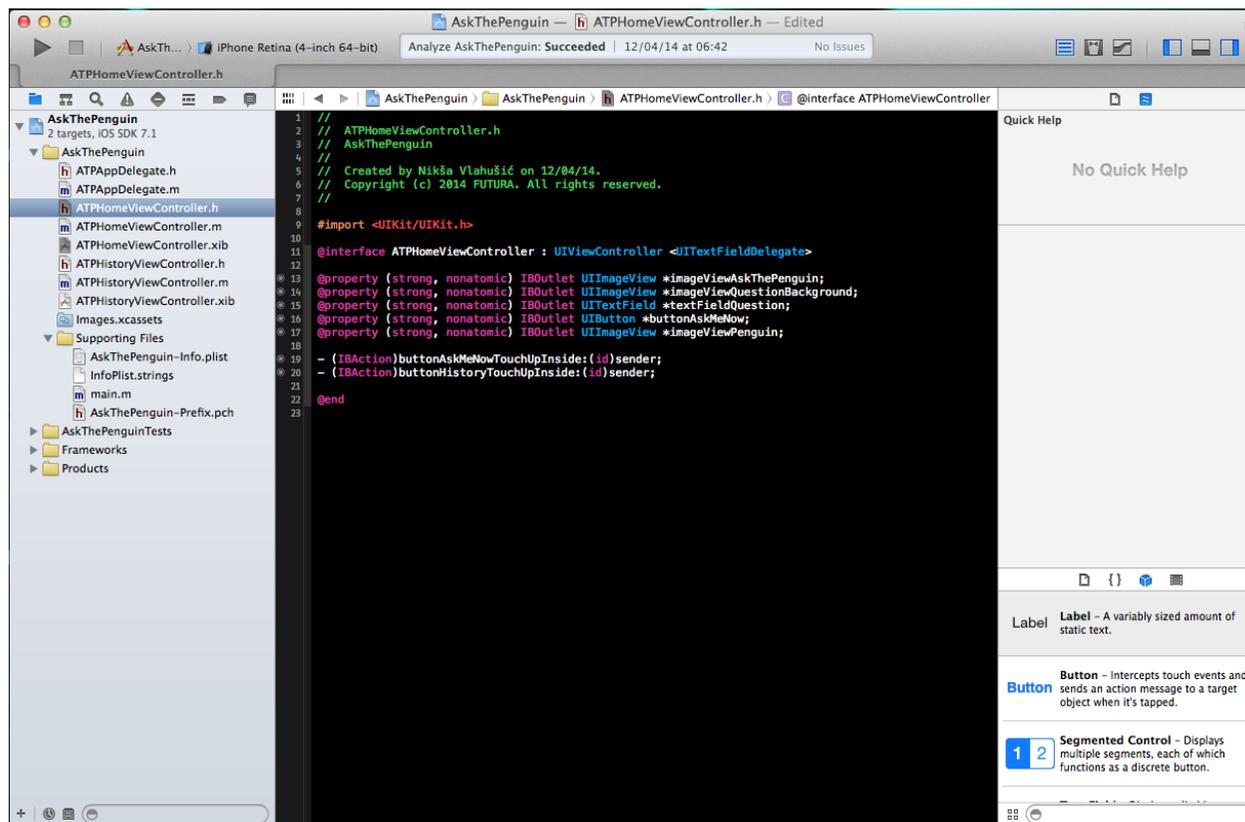
## Delegati & IBAction



# Ask the Penguin

## Delegati & IBAction

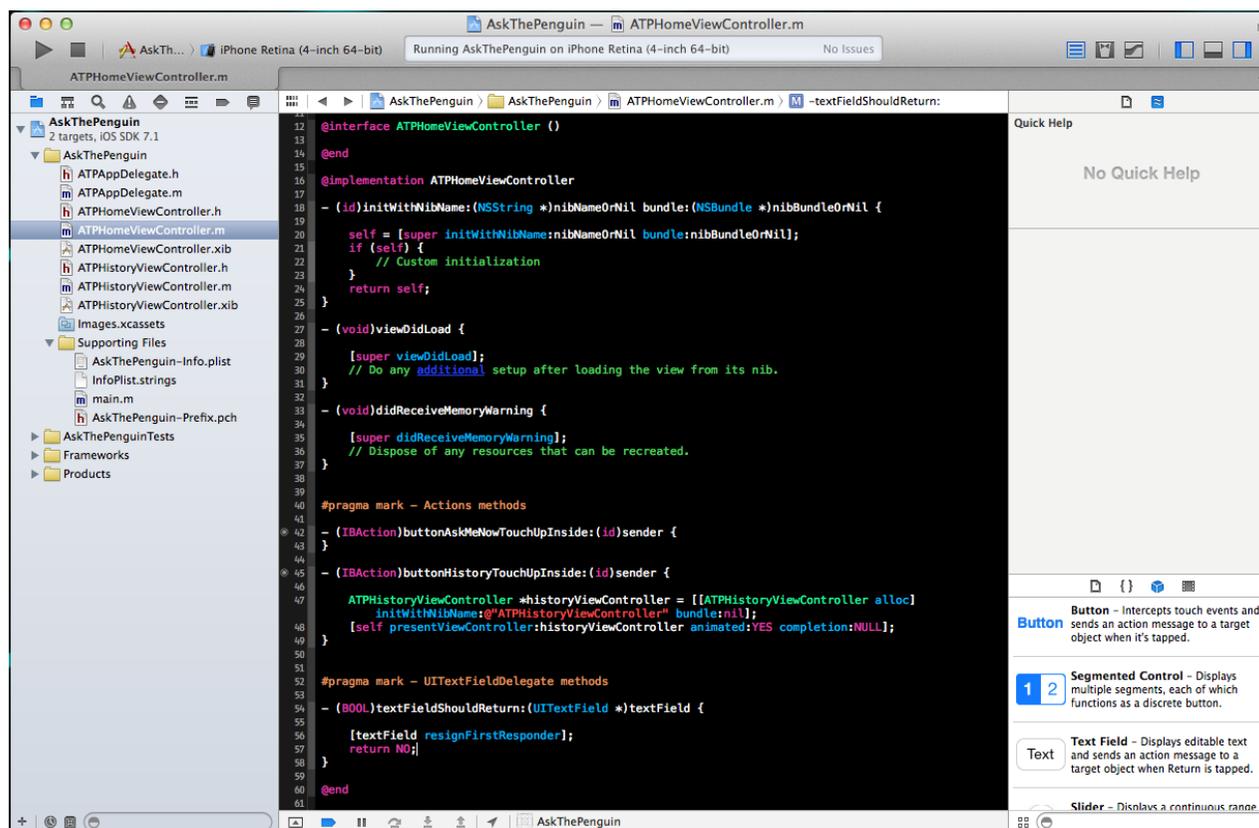
ATPHomeViewController “govori” da ima metode koje se nalaze u UITextFieldDelegate



# Ask the Penguin

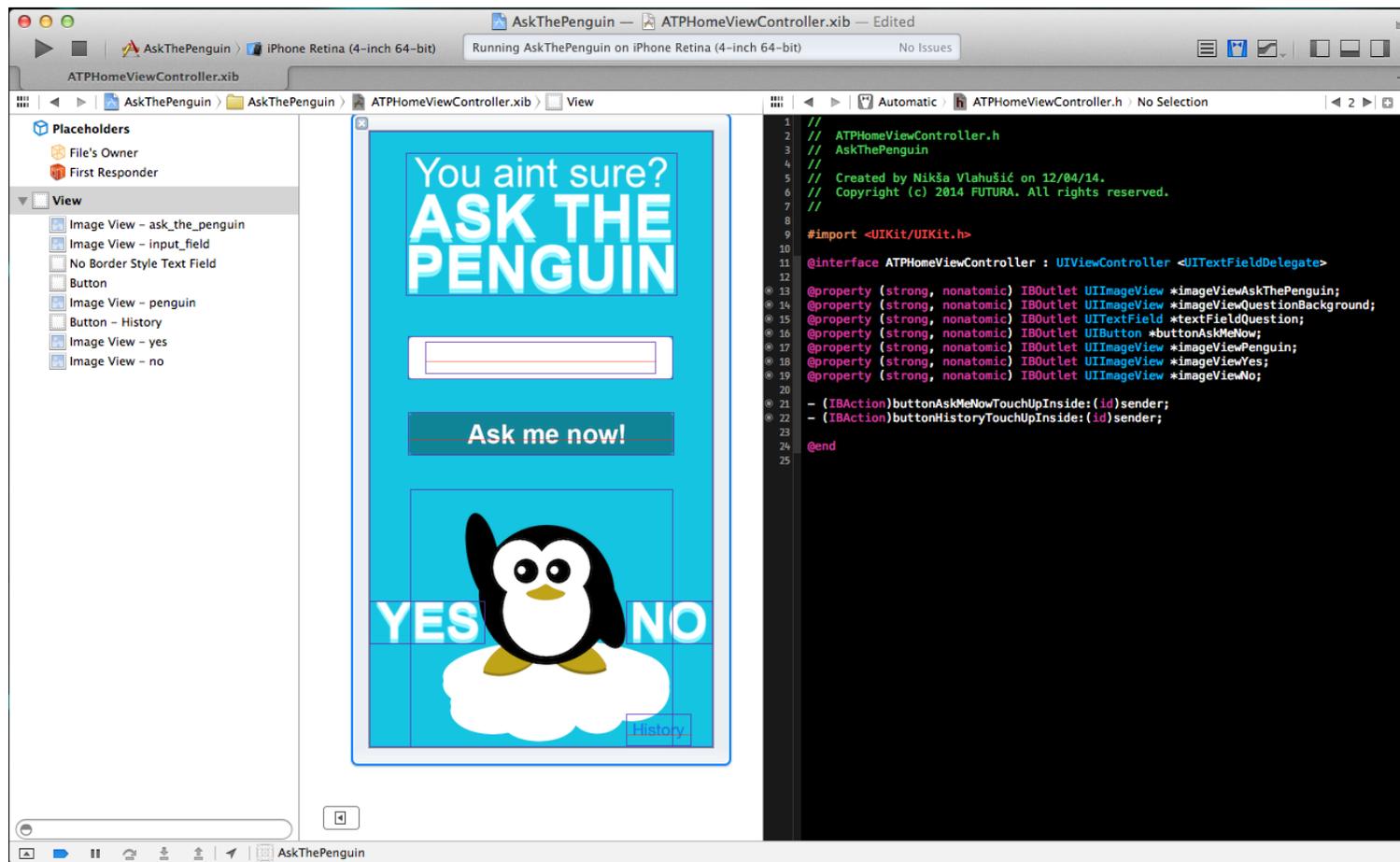
## Delegati & IBAction

ATPHomeViewController implementira metode koje se nalaze u UITextFieldDelegate (samo jednu!)



# Ask the Penguin

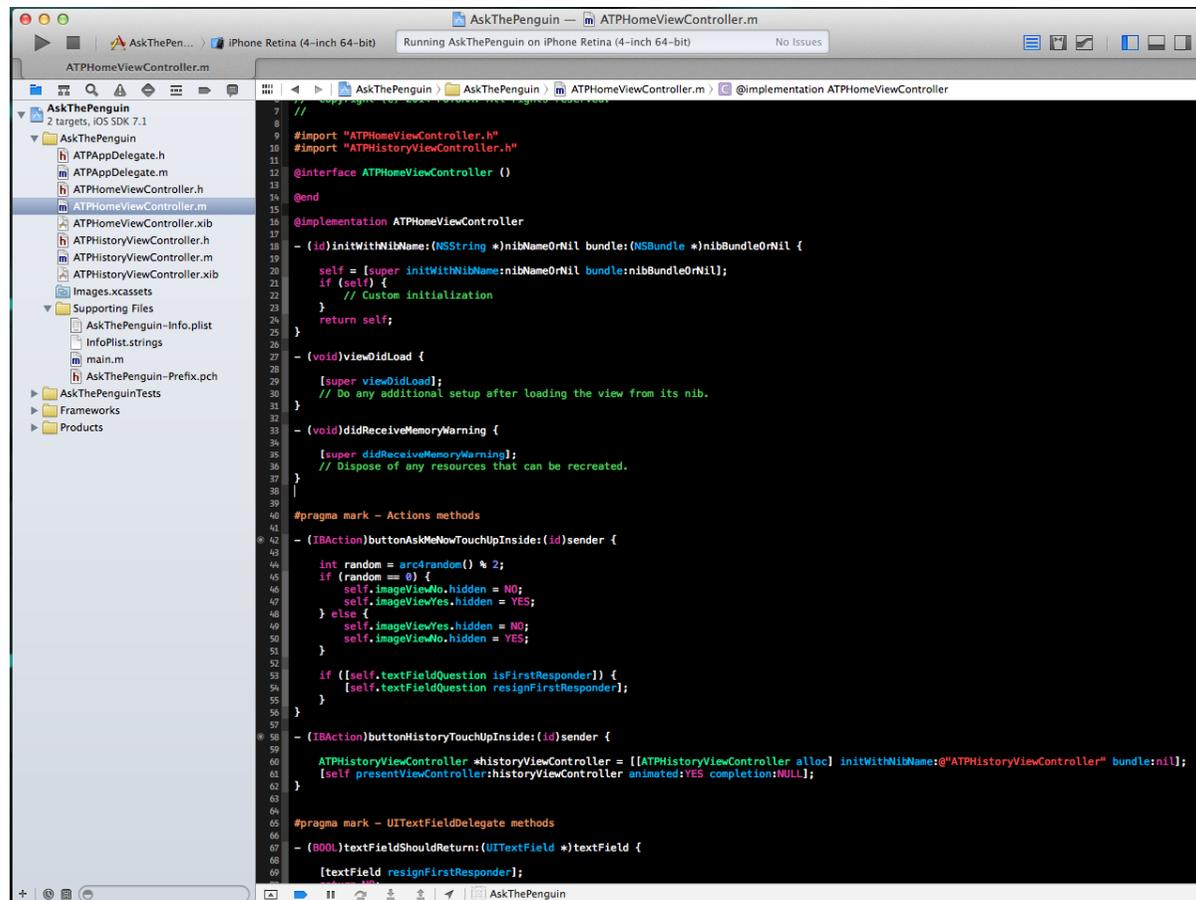
## Pozicioniranje YES i NO UIImageView objekata Povezati nove elemente sa ATPHomeController-om



# Ask the Penguin

## Random

Ako je 0 onda prikaži “NO sliku”, inace “YES sliku”

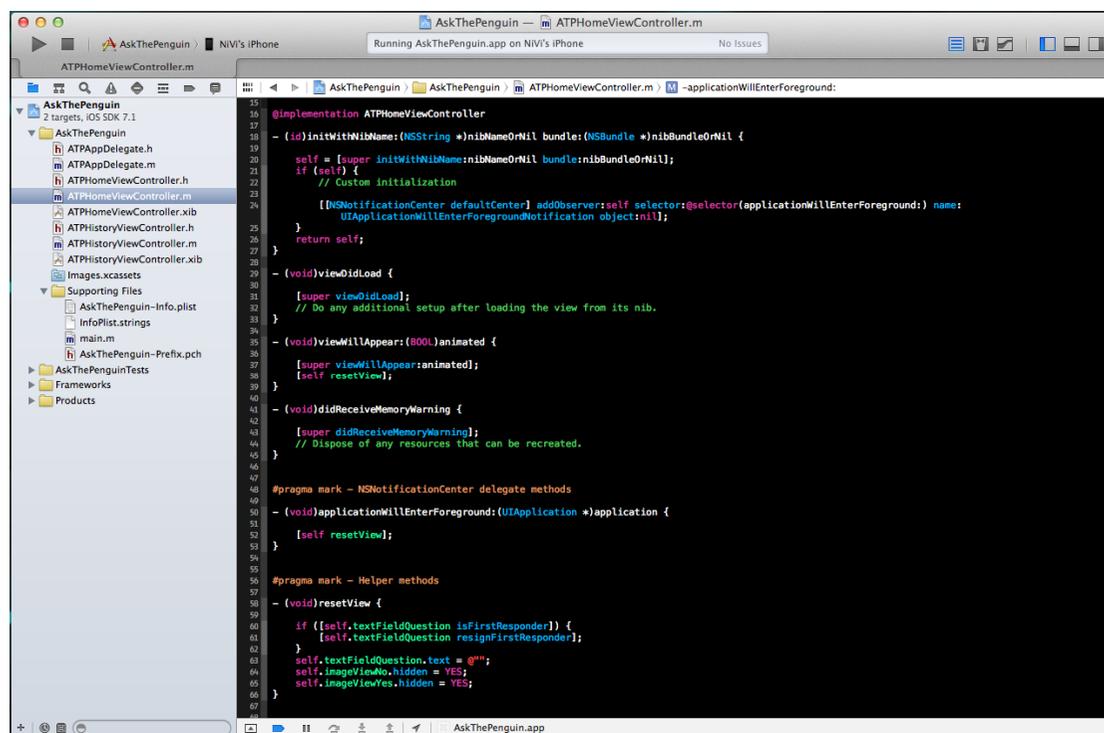


```
7 //
8
9 #import "ATPHomeViewController.h"
10 #import "ATPHistoryViewController.h"
11
12 @interface ATPHomeViewController ()
13 @end
14
15 @implementation ATPHomeViewController
16
17 - (id)initWithNibName:(NSString *)nibNameOrNil bundle:(NSBundle *)nibBundleOrNil {
18     self = [super initWithNibName:nibNameOrNil bundle:nibBundleOrNil];
19     // Custom initialization
20     return self;
21 }
22
23 - (void)viewDidLoad {
24     [super viewDidLoad];
25     // Do any additional setup after loading the view from its nib.
26 }
27
28 - (void)didReceiveMemoryWarning {
29     [super didReceiveMemoryWarning];
30     // Dispose of any resources that can be recreated.
31 }
32
33 #pragma mark - Actions methods
34
35 - (IBAction)buttonAskMeNowTouchUpInside:(id)sender {
36     int random = arc4random() % 2;
37     if (random == 0) {
38         self.imageViewNo.hidden = NO;
39         self.imageViewYes.hidden = YES;
40     } else {
41         self.imageViewYes.hidden = NO;
42         self.imageViewNo.hidden = YES;
43     }
44
45     if ([self.textFieldQuestion isFirstResponder]) {
46         [self.textFieldQuestion resignFirstResponder];
47     }
48 }
49
50 - (IBAction)buttonHistoryTouchUpInside:(id)sender {
51     ATPHistoryViewController *historyViewController = [[ATPHistoryViewController alloc] initWithNibName:@"ATPHistoryViewController" bundle:nil];
52     [self presentViewController:historyViewController animated:YES completion:nil];
53 }
54
55 #pragma mark - UITextFieldDelegate methods
56
57 - (BOOL)textFieldShouldReturn:(UITextField *)textField {
58     [textField resignFirstResponder];
59 }
```

# Ask the Penguin

## Resetiranje UI-a

- Napraviti metodu resetView
- Pozvati resetView iz viewWillAppear: metode
- Pozvati resetView iz applicationWillEnterForeground:



```
15
16 @implementation ATPHomeViewController
17
18 - (id)initWithNibName:(NSString *)nibNameOrNil bundle:(NSBundle *)nibBundleOrNil {
19     self = [super initWithNibName:nibNameOrNil bundle:nibBundleOrNil];
20     if (self) {
21         // Custom initialization
22         [[NSNotificationCenter defaultCenter] addObserver:self selector:@selector(applicationWillEnterForeground:) name:
23             UIApplicationWillEnterForegroundNotification object:nil];
24     }
25     return self;
26 }
27
28 - (void)viewDidLoad {
29     [super viewDidLoad];
30     // Do any additional setup after loading the view from its nib.
31 }
32
33 - (void)viewWillAppear:(BOOL)animated {
34     [super viewWillAppear:animated];
35     [self resetView];
36 }
37
38 - (void)didReceiveMemoryWarning {
39     [super didReceiveMemoryWarning];
40     // Dispose of any resources that can be recreated.
41 }
42
43 #pragma mark - NotificationCenter delegate methods
44
45 - (void)applicationWillEnterForeground:(UIApplication *)application {
46     [self resetView];
47 }
48
49 #pragma mark - Helper methods
50
51 - (void)resetView {
52     if ([self.textFieldQuestion isKindOfClassFirstResponder]) {
53         [self.textFieldQuestion resignFirstResponder];
54     }
55     self.textFieldQuestion.text = @"";
56     self.imageViewNo.hidden = YES;
57     self.imageViewYes.hidden = YES;
58 }
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```

# Razvoj aplikacija za iOS

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Vanguard

Hvala na pažnji!