import UIKit

class ViewController: UIViewController,UIPickerViewDelegate,UIPickerViewDataSource

{ var a=["10","20","30","40"]

var b=["40","30","20","10"]

var c=["0"]

@IBOutlet var output: UILabel!

@IBOutlet var display1: UILabel!

@IBOutlet var display: UILabel!

override func viewDidLoad() {

super.viewDidLoad()

let picker=UIPickerView()

picker.frame=CGRectMake(0,100, self.view.frame.size.width,180)

picker.backgroundColor=UIColor.lightGrayColor()

picker.dataSource=self

self.view.addSubview(picker)

picker.delegate=self

}

override func didReceiveMemoryWarning() {

super.didReceiveMemoryWarning()

}

func numberOfComponentsInPickerView(pickerView: UIPickerView) -> Int

{ return 2 }

func pickerView(pickerView: UIPickerView, numberOfRowsInComponent component: Int) -> Int

{        if component==0 {

      return a.count }

  else

         {    return b.count

        }

}

  func pickerView(pickerView: UIPickerView, titleForRow row: Int, forComponent component: Int) -> String?

    {     if component==0 {

          return a[row]

        }

        if component==1

{ return b[row]

        }

        else

        {

            return c[row]

        }    }

     func pickerView(pickerView: UIPickerView, didSelectRow row: Int, inComponent component: Int)

    {   print(a[pickerView.selectedRowInComponent(0)],b[pickerView.selectedRowInComponent(1)])

       display.text=a[pickerView.selectedRowInComponent(0)]

        display1.text=b[pickerView.selectedRowInComponent(1)]

        if display.text==display1.text {

    output.text="match"

           }

        else

        {

               output.text="mismatch" } } }