ALARM USED THE DATE PICKER
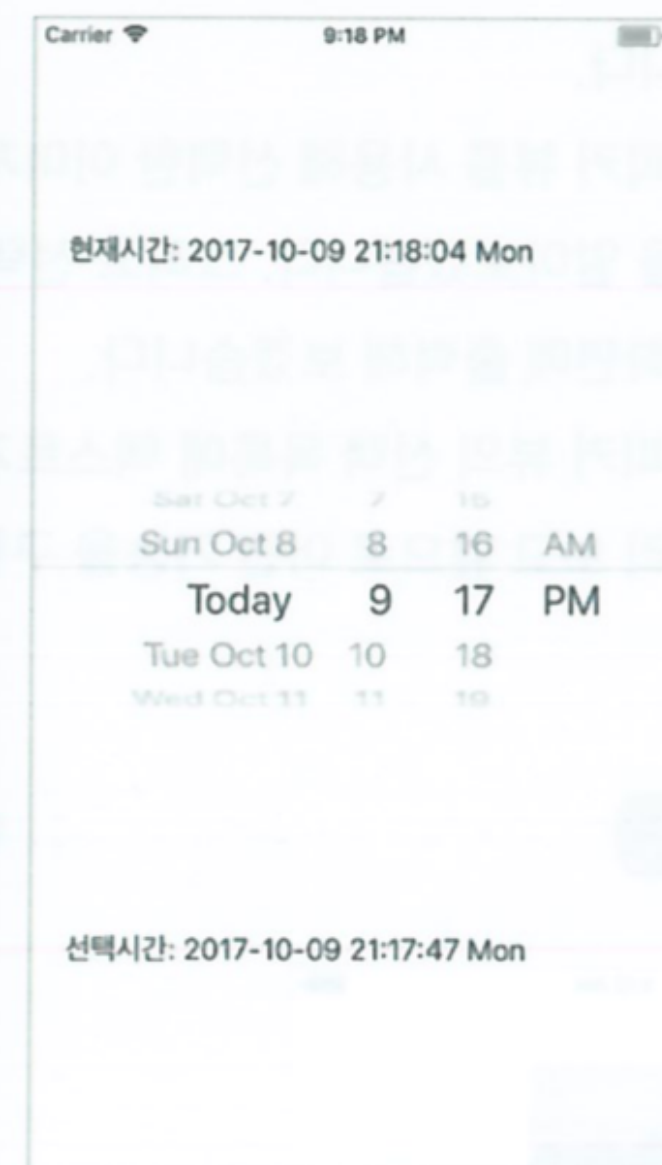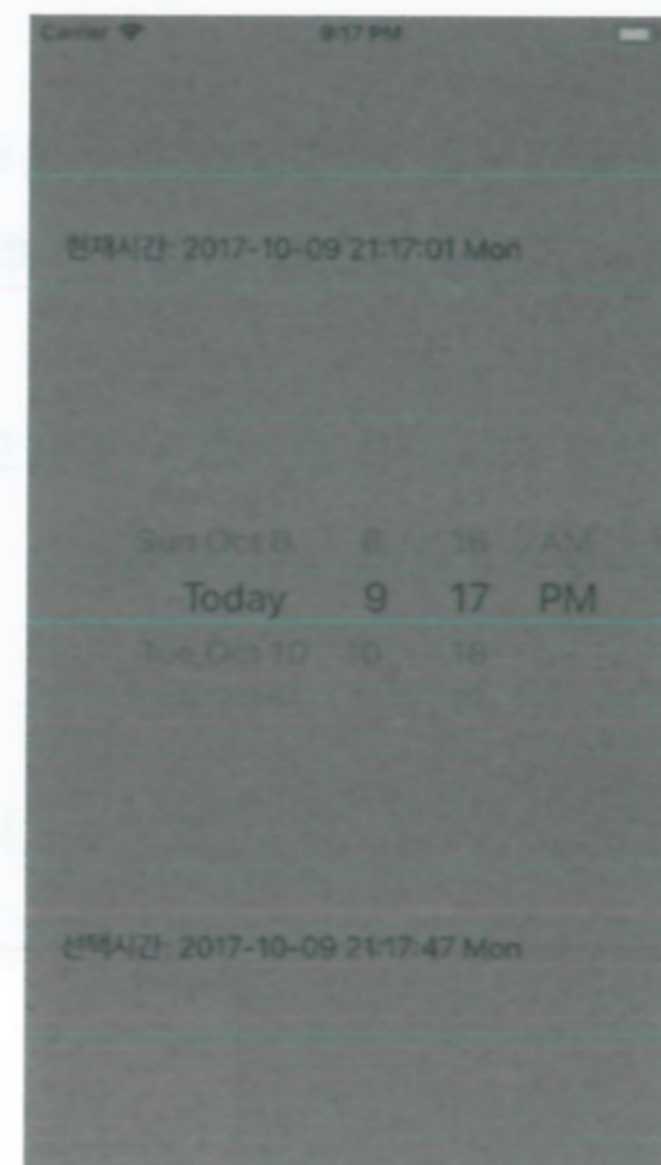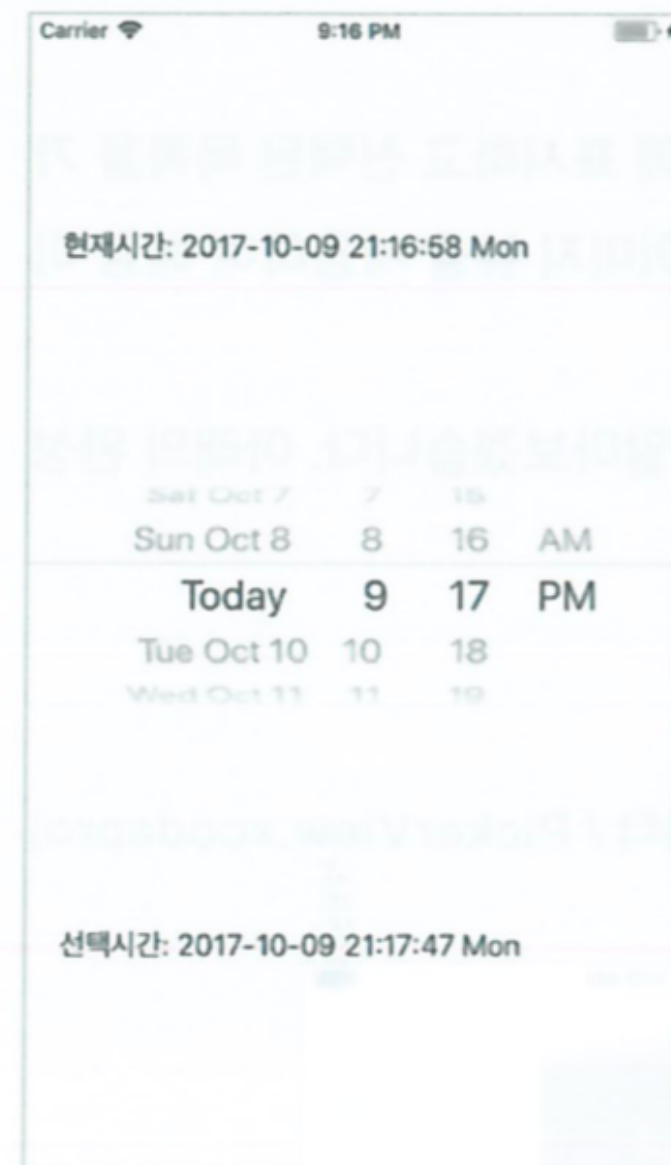
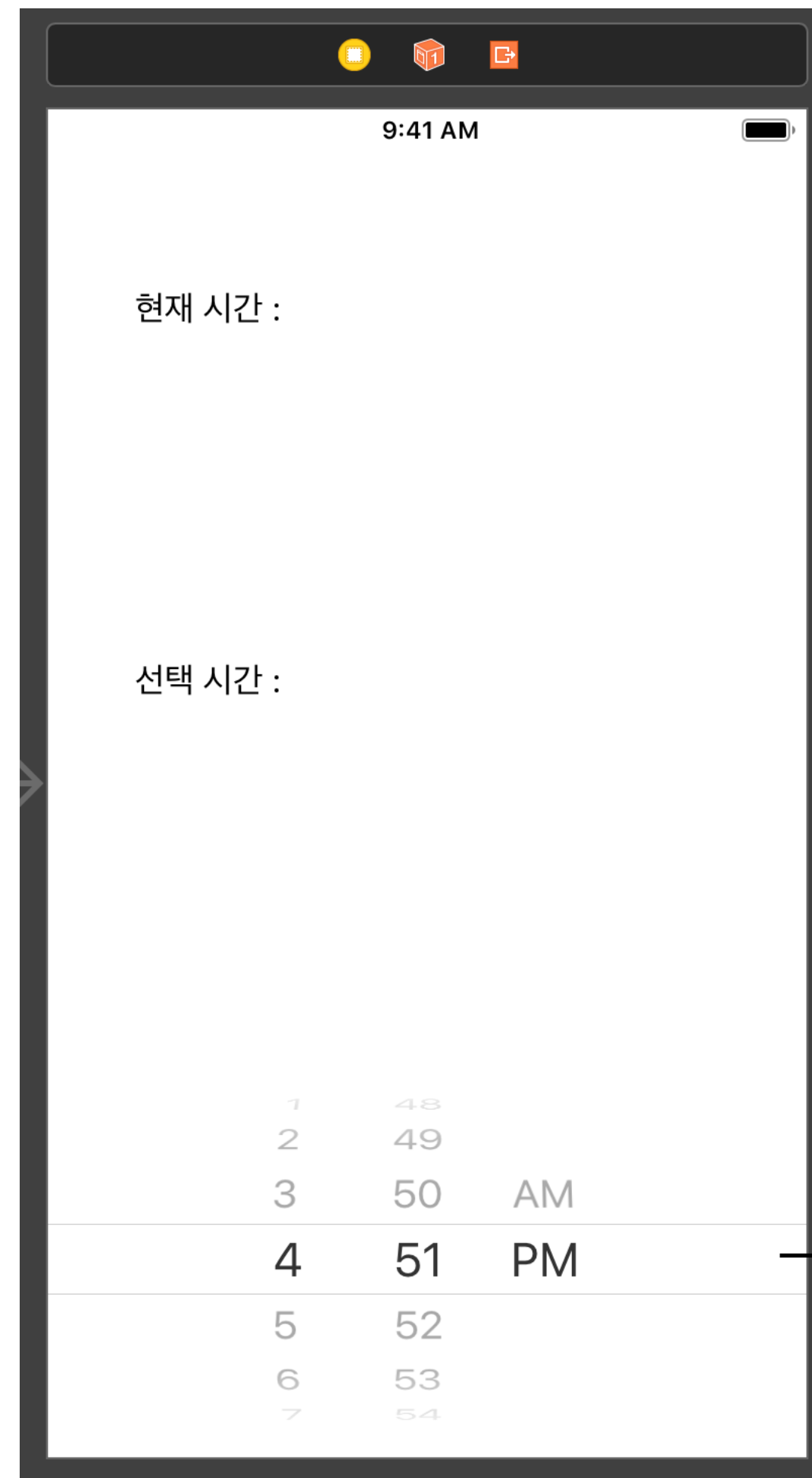Mon, 14th Jan 2019

- # WHAT IS DATE PICKER

⌘ + Shfit + L → DatePicker

PROBLEM

목표 04장에서 배운 내용을 토대로 다음 조건에 맞게 알람 시계를 만들어 보세요.

1단계 - 현재 시간이 선택 시간과 같게 되면 1분 동안 배경 화면이 빨간색으로 변하게 만들어 봅니다.

2단계 - 1분이 지나 시간이 달라지면 다시 정상적인 배경 화면으로 변경되게 만듭니다.

- M A K E   S T O R Y B O A R D

현재 시간 :

선택 시간 :

Date Picker

• VARIABLE, FUNCTION

```
let timeSelector : Selector = #selector(ViewController.updateTime)
let interval = 1.0
var count = 0
var alarmTime : String?
```

```
@IBAction func changeDatePicker(_ sender: UIDatePicker) {
    let datePickerView = sender
    let formatter = DateFormatter()

    formatter.dateFormat = "yyyy-MM-dd HH:mm EEE"
    lblPickerTime.text =
    "선택 시간 : " + formatter.string(from: datePickerView.date)

    formatter.dateFormat = "hh:mm aaa"
    alarmTime = formatter.string(from: datePickerView.date)
}
```

```
viewDidLoad( ) 안에

Timer.scheduledTimer(timeInterval: interval, target: self,
selector: timeSelector, userInfo: nil, repeats: true)
```

```
@objc func updateTime(){
    let date = NSDate()
    // 현재 시간을 가져옴

    let formatter = DateFormatter()
    // formatter 객체 선언
    formatter.dateFormat = "yyyy-MM-dd HH:mm:ss EEE"
    lblCurrentTime.text =
    "현재 시간 : " + formatter.string(from: date as Date)

    formatter.dateFormat = "hh:mm aaa"
    let currentTime = formatter.string(from: date as Date)

    if (alarmTime == currentTime) {
        view.backgroundColor = UIColor.red
    }
    else {
        view.backgroundColor = UIColor.white
    }
}
```
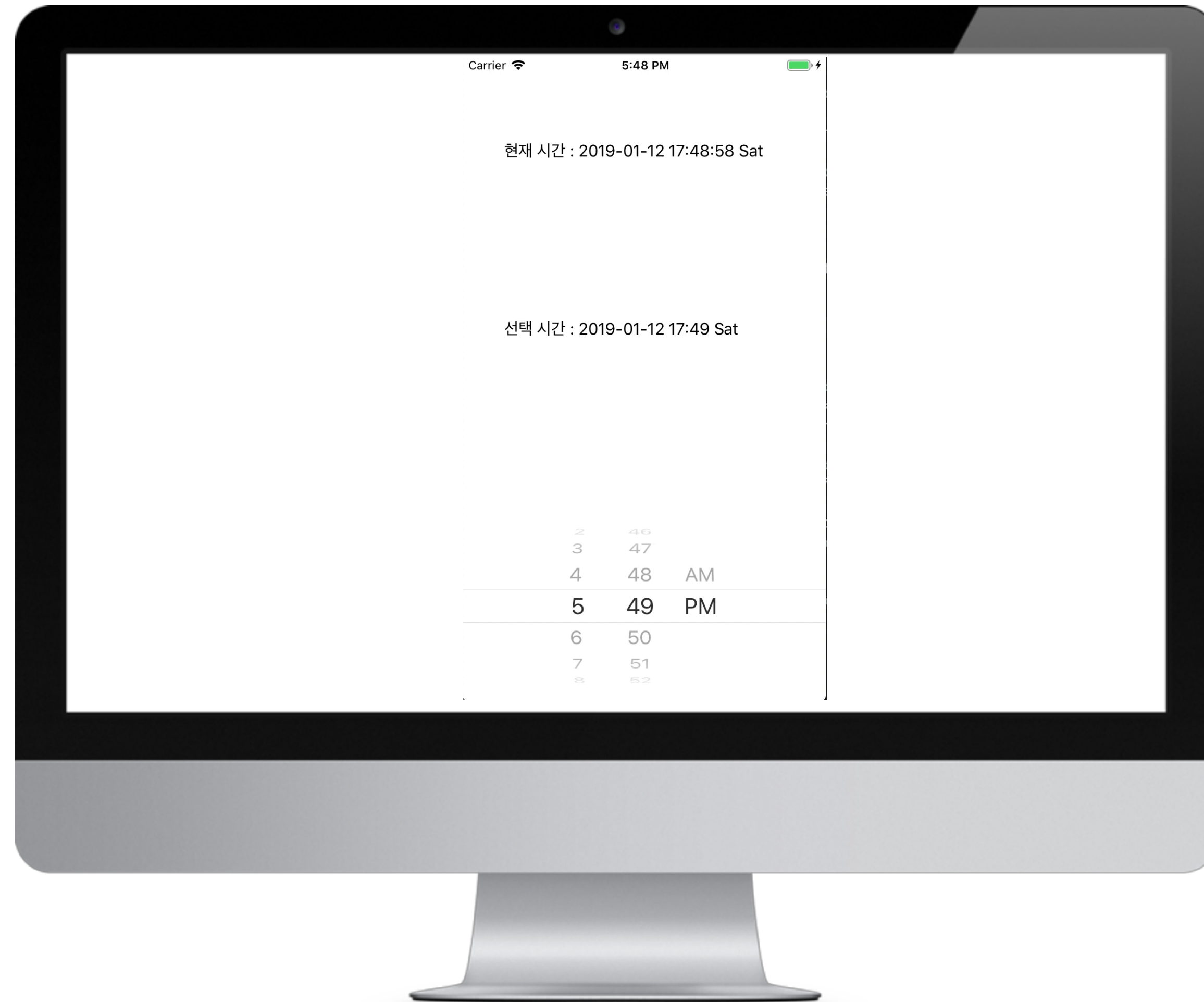
R E S U L T

현재 시간 : 2019-01-12 17:48:58 Sat

선택 시간 : 2019-01-12 17:49 Sat

2	46	
3	47	
4	48	AM
5	**49**	**PM**
6	50	
7	51	
8	52	

>Question