INTRODUCTION TO IOS APP DEVELOPMENT

SECOND CLASS

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AGENDA

Introduction to MVC

Basic Tour of Xcode

Basic User Interface

Programming Basics cont.

MODEL

objects that store data

Database : CoreData, sqlite, etc.

NSObjects

VIEW

User Interface : what the user sees

views, buttons, labels

CONTROLLER

'controls' views and models

UIViewController

UITableViewController, UINavigationController, custom

XCODE

IDE

Menu Items

Quick Help

Interface Builder

INTERFACE BUILDER

Live Example

Lots of 'drag and drop'

UIVIEWS

UIView

UILabel

UIButton

UIImageView

CALCULATOR

Make a simple calculator

Optional Homework- extend the calculator.

PROGRAMMING BASICS CONT.

Previously

TODAY

arrays

dictionaries

constants

loops

NSARRAY

Inherits from NSObject

array = [1,2,3,4,5]

ordered collection of objects

Mutable?

NSDICTIONARY

Inherits from NSObject

dictionary = { name : Arya, pet : Nymeria, sword: Needle }

keys and values

Mutable

CONSTANTS

Primitives

NSString

LOOPS

For-loop

While - loop

HOMEWORK/CLASSWORK

https://github.com/vsathyan/IB-example

https://github.com/vsathyan/Calculator

Build out each project more