INFO1-CE9982
Introduction to iOS APP DEVELOPMENT
Class 1

MO

iOS APP DEVELOPMENT LANGUAGES

- Objective-C
- Swift

OBJECTIVE-C

- Invented 1983

SWIFT

- Invented 2014

SWIFT

- BASIC TYPES: Strings, Int, Float

DEMO

EXCERCISE

```
//Exercise
//Write a function that takes two strings arguments
//Convert the string arguments to floats
//Multiply the floats
//Return the result as a string

//var ret:String = multiplyNumbersAsStrings("4.5", secondNumber: "6.7")
```

SWIFT

- Conditional Logic (if, else, switch)
- Loops (for, while)

DEMO

EXCERCISE

```
/*
Exercise:

Write a program in swift that outputs a triangular
pattern as shown below:


XXXXXXXXXXXXX
XXXXXXXXXXXX
XXXXXXXXXXX
XXXXXXXXXX
XXXXXXXXX
XXXXXXXX
XXXXXXX
XXXXXX
XXXXX
XXXX
XXX
XX
X


*/
```

SWIFT

- ADVANCED TYPES: Dictionary, Array

DEMO

EXCERCISE

```
/*
Exercise:

Write a function in swift that takes an array of integers.
The function will then prints the values of the array.

*/
```

```
/*
Exercise:

Write a function in swift that takes an array of integers.
The function will arrange the info in a sorted fashion.
The function will return the sorted array.

*/
```

SWIFT

- CLASSES

DEMO