WESTERN
FOUNDERS
NETWORK

WESTERN
FOUNDERS
NETWORK

iOS PROGRAMMING EDUCATIONALS
Session #3

WESTERN
FOUNDERS
NETWORK

MARK HALL
VP Education

Mario Reckl
iOS Instructor

QUESTIONS?
E I EDUCATION@FOUNDERSNETWORK.CA

Topics Today

- Last Weeks Recap
- Methods
- Type casting
- More storyboards!

www.github.com/FoundersNetwork

Last Week

What we covered last week:

- Loops
- Array

Methods

```
-(type) methodName
{
    //code goes here
    return variable
}
```

Methods

```objc
- (void)viewDidLoad
{

    [super viewDidLoad];
    _questionTextBox.text=@"Are you ready to play?";
    _nextbutton.enabled=NO;


}
```

Return Values

Types of returns possible:
• Nothing (void)
• int
• NSString
• Double
• Any other variable type

return myVariable;

Working With Methods

- Methods can have parameters

- (Type) someMethodWithValue: (Type)Parameter;
{
//Some Code
}

Working With Methods

- Methods can have parameters

```
- (int) sumWithNumber: (int)num1 andNumber: (int)num2;
{
    int sum = num1 + num2;
    return sum;
}
```

Working With Methods

- Calling methods

[className methodName:Parameter]

Working With Methods

- Calling methods

```
int total = [self sumWithNumber: 1 andNumber: 2];
```

Type Cast

Converting data types into different data types
• Converting Strings to double

Double value = [theString doubleValue];

Type Cast

Converting double to String

```
NSString *stringName = [NSString stringWithFormat: @"%f",
                        doubleVariable]
```

Storyboards

Demo! ☺

WESTERN FOUNDERS NETWORK

PROJECT 3

Calculator