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iOS PROGRAMMING EDUCATIONALS

Session #2

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QUESTIONS?

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www.foundersnetwork.ca

Location next week!

Monday, Nov 17th, 5 - 7 PM
IVEY 1230

Topics Today

- Loops
- Arrays

www.github.com/FoundersNetwork

While Loop

```
while (5<10){
NSLog("@"Hello World!");
}
```

"Hello World!", will be printed forever, while the condition is true. This is called an infinite loop.

While Loop

```
int i = 1;

while (i<10){
    NSLog(@"Hello World!");
    i++;
}
```

*"Hello World!", will be printed **9** times.*

For Loop

```
for (/* Initialize variables*/ ; /* Condition. */ ; /* End of
loop expressions */)
{
    // Do something.
}
```

For Loop

```
for (int i = 1; i <= 10; i++) {
    NSLog("@"Hello World!");
}
```

"Hello World!", will be printed 10 times.

Arrays

NSArray *cars = @[@"BMW", @"Volkswagen", @"Audi"];

Arrays store variables or Objects. This is an example of an array that store Strings.
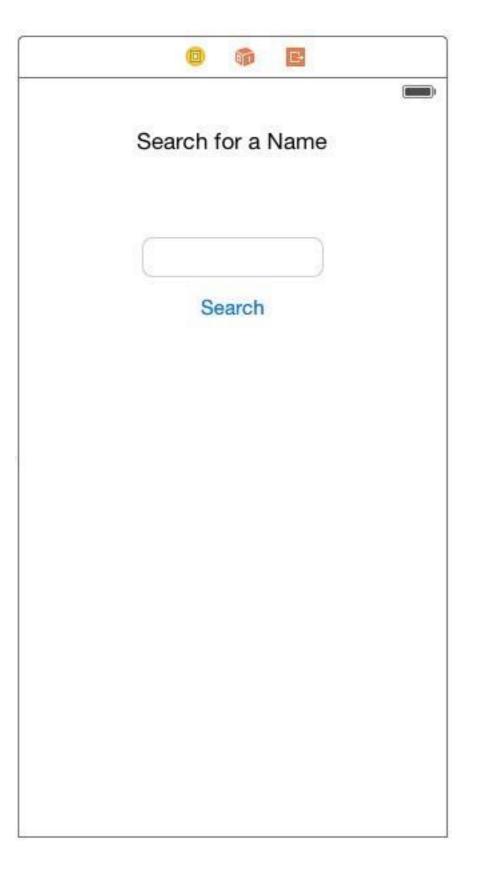
Arrays

NSArray *cars = @[@"BMW", @"Volkswagen", @"Audi"];

NSLog(@"The car is: %@", cars[1]);

What will the 2nd line print?

Loops and Arrays

```objc
NSArray *cars = @[@"BMW", @"Volkswagen", @"Audi"];

NSLog(@"First car is: %@", cars[0]);


for (int i = 0; i < cars.count; i++) {
  NSLog(@"Car number %d is: %@", i , cars[i]);
}
```

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PROJECT 2

Simple search algorithm