QND Computer Science Day 8

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Recap

- Guess My Number

- Dot Syntax

- Ranges

Error Handling

- **!**
  - Crash the program if there is a problem
  - Sometimes that is okay!

How to not crash?

- use `if let`

```swift
// It's okay to crash if there is a problem reading from console
let numberString = readLine()!
if let number = Int(numberString) {
    print("The number is \(number)")
    // Do stuff with the number
} else {
    print("Invalid number \(numberString)")
}
```

Default Value

- Use ?? to provide a default value

```swift
let numberString = readLine()!
let number = Int(numberString) ?? 0
print("The number is \(number)")
```

Let's update Guess My Number!