INTERMEDIATE SWIFT 3
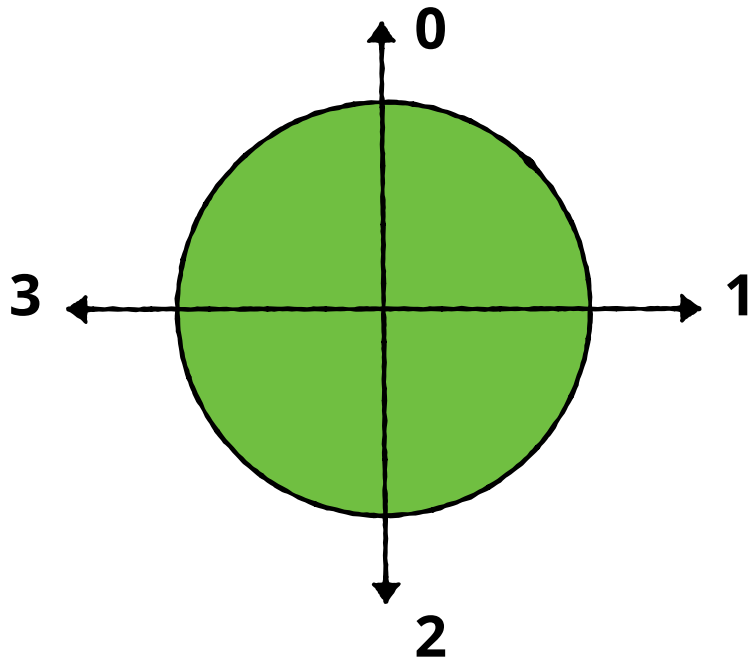
Part #9: Enumerations

Enumerations


```swift
enum Direction {
    case north
    case east
    case south
    case west
}
func move(_ direction: Int) {
```

```swift
func move(_ direction: Direction) {

}
```

```swift
move(1000)
```

```swift
move(.north)
```

Raw Values

```swift
enum Month: Int {

}
```

```swift
enum Month: Int {
  case january = 1, february, march, april, may, june, july,
  august, september, october, november, december
}
```

```swift
Month.december.rawValue
```

Associated Values

▶ Each enu~~meration case has zero~~ or more
  asso~~ciated~~

```
enum WithdrawalResult {
    case success(newBalance: Int)
```

▶ Ass~~ociated~~ case
  hav

```
switch result {
case .success(let newBalance):
  print("Your new balance is: \(newBalance)")
case .error(let message):
  print(message)
}
```

▶ Defi~~ne associated values with names like~~ you
  woul

```
return .error(message: "Not enough money!")
```

Demo

Challenge Time!