Challenge: Use logical operators and conditional code to move through the puzzle world.

Each of these operators influences the way your conditional code runs:

- The NOT operator (!) inverts a Boolean value, saying, "If NOT this condition, do this."

- The AND operator (&&) combines two conditions and runs the code only if *both* are true.

- The OR operator (||) combines two conditions and runs the code if *at least* one is true.

Solve the challenge by choosing the operators and conditions that will work best to collect all the gems and toggle open the switches.

```
// Movement Functions
func stairs() {
    moveForward()
    moveForward()
}
func turnAround() {
    turnLeft()
    turnLeft()
}

func solve() {
for i in 1 ... 22{
    if isOnGem && isOnClosedSwitch {
        collectGem()
        toggleSwitch()
        turnRight()
        stairs()
        collectGem()
        turnAround()
        stairs()
        turnRight()
    }
    else if isOnClosedSwitch && !isOnGem {
        toggleSwitch()
        turnLeft()
```

```swift
        }
        else if !isOnClosedSwitch && isOnGem {
            collectGem()
        }
        else if !isBlocked {
            moveForward()
        }
    }
}


// Solve Challenge
solve()
```