# QND Computer Science Day 4

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# Recap

- `if`
- `else if`
- `else`

# Today

- Video Games
- Making a video game
- Nested Ifs

# Video Games

- What games are you currently playing?

# Video Games

- What is the oldest game you've ever played?

# Zork

- Text based games
- Before computer graphics
- https://classicreload.com/zork-i.html

# Narrative Fiction

- Still developed today!
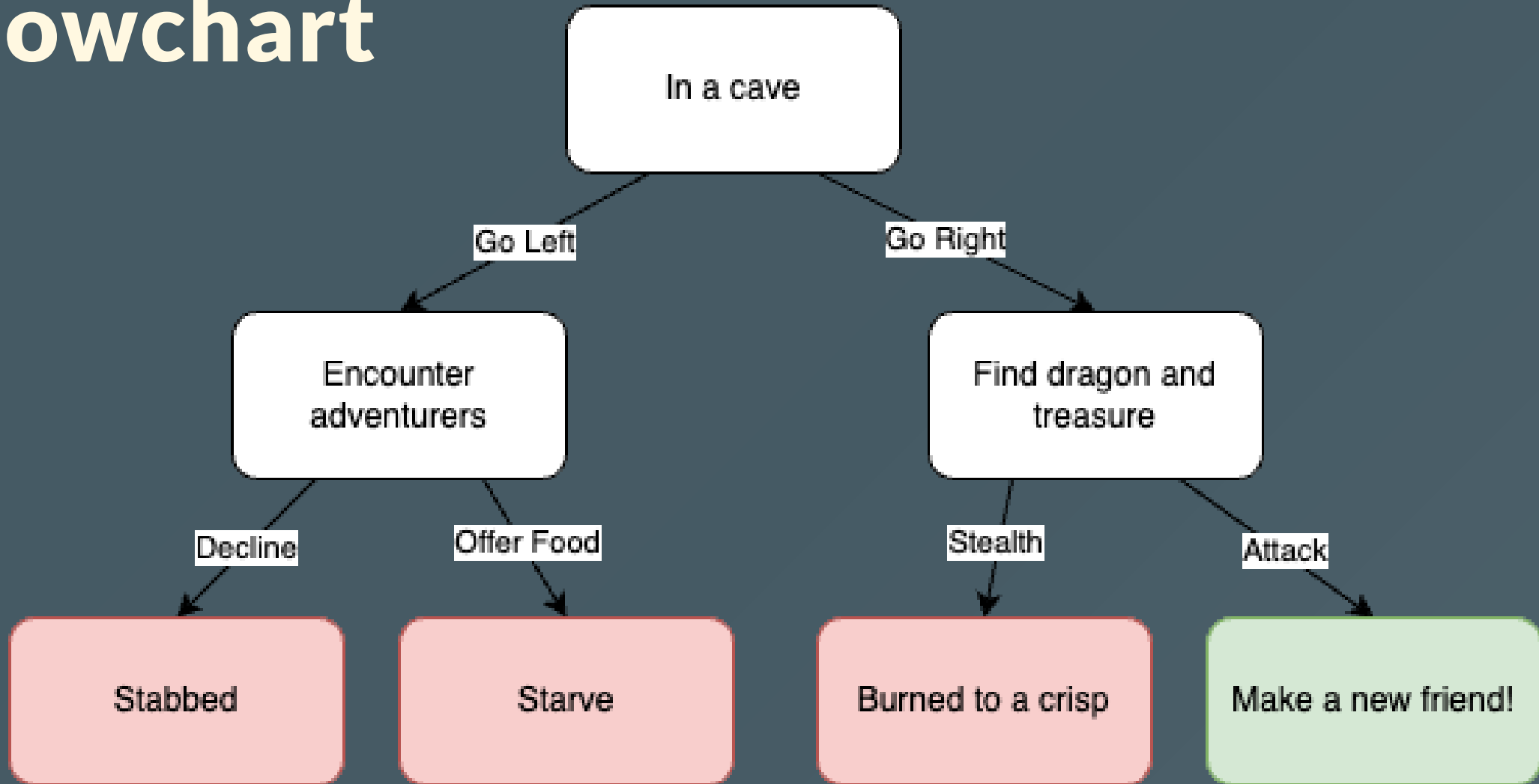
- Hugely influential

# Nested Ifs

- You can put if statements inside of other if statements

```
...
if answer == "Cookies and cream" {
    print("Correct, oreos in ice cream is the best")
    print("Waffle cones or sugar cones?")
    let cones = readLine()!
    if cones == "Waffle cones" {
        print("Come on, who doesn't love a fresh waffle cone?")
    } else {
        print("WRONG")
    }
}
...
```

# My Example

- https://replit.com/@mrschmidt/Adventure#main.swift

- Escaping quotes with `\"`

- Nested Ifs

- Empty print statements

# Flowchart

# Make Your Own

- Give the user some story and a simple choice

- Use nested `if` statements to print what happens next

- You can have more than 2 options at each choice!

- 3 choices total

- Be creative!

- *Keep it appropriate*