

QND Computer Science Day 4

Mr. Schmidt

Recap

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

Today

- Nested Ifs
- Video Games
- Making a video game

Nested Ifs

- You can put if statements inside of other if statements

```
...
if guess == "Hot To Go" {
    print("That's right! Chappel Roan's Hot To Go is the song of the summer.")
    print("What's the best movie of the year?")
    let movie = readLine()!
    if movie == "Dune: Part Two" {
        print("Giant Sand Worms >>>> Anything else")
    } else if movie == "Deadpool and Wolverine" {
        print("Cameo cringefest 🗑️🗑️🗑️")
    } else {
        print("Wrong answer, try again!")
    }
} else if guess == "Espresso" || guess == "Please Please Please" {
```

Video Games

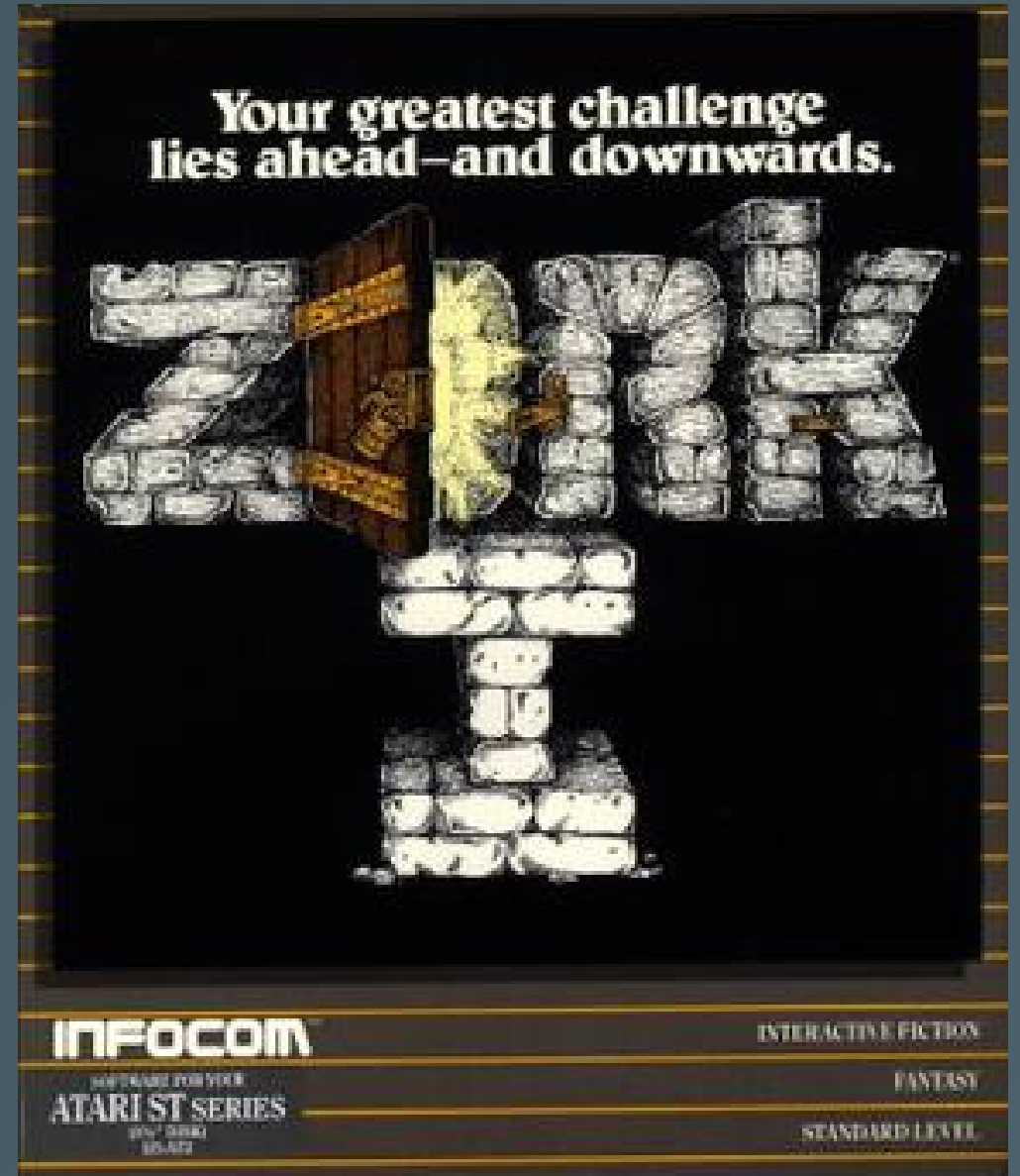
- What games are you currently playing?

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

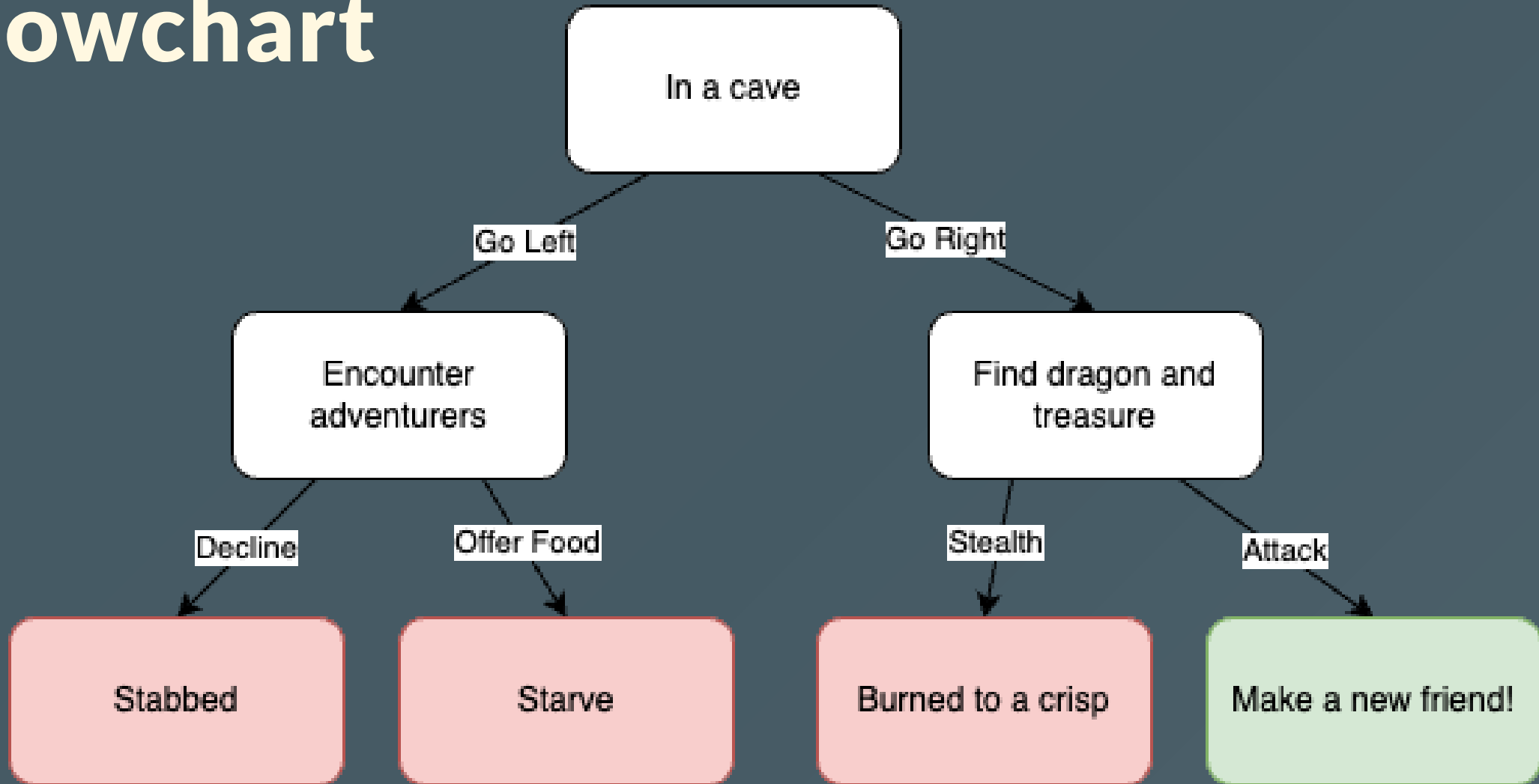
- Still developed today!
- Hugely influential



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*