

QND Computer Science Day 4

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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 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")  
    }  
}  
...
```

Video Games

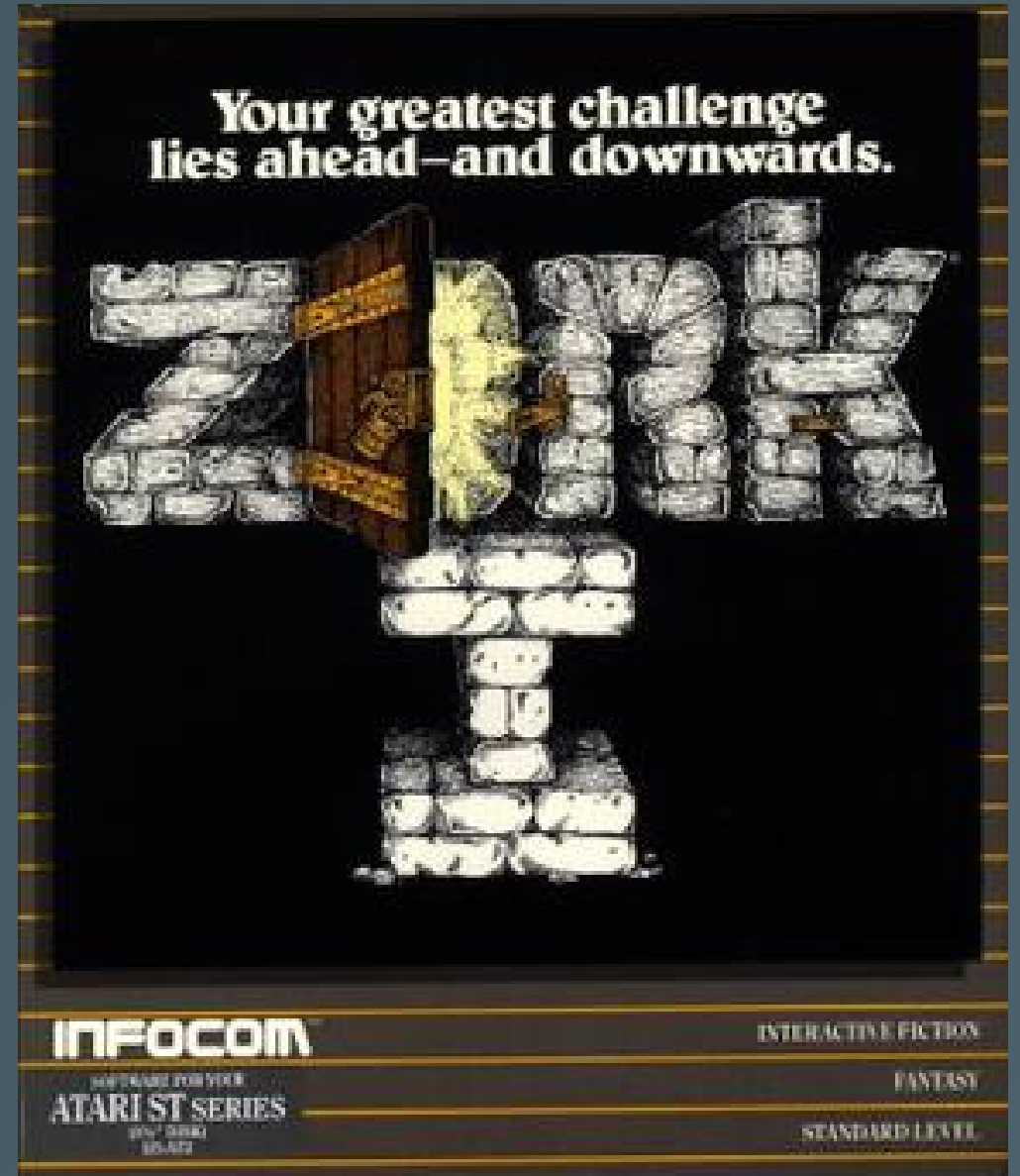
- What games are you currently playing?

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

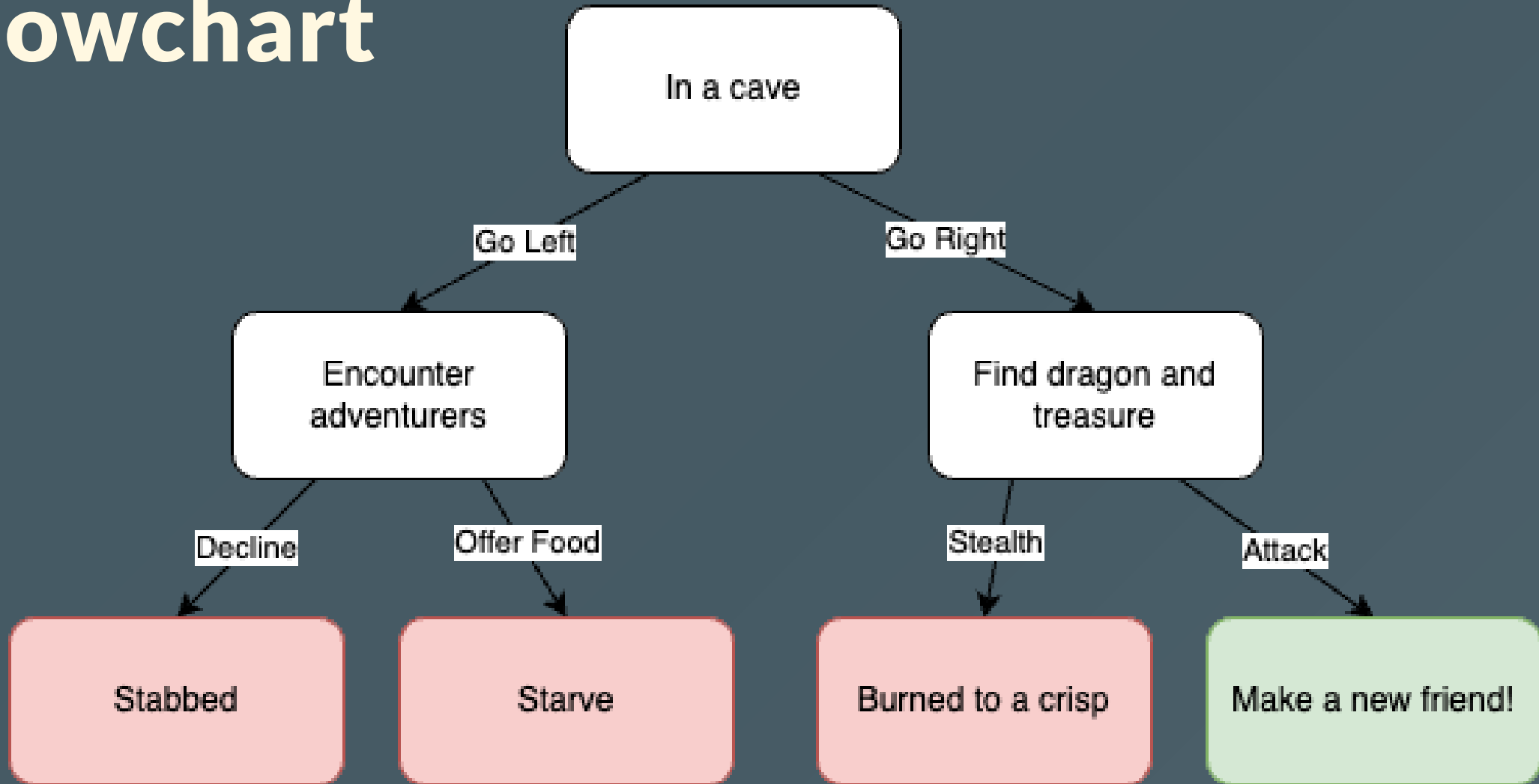
- Still developed today!
- Hugely influential



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*