

QND Computer Science Day 4

Mr. Schmidt

Recap

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

Today

- OR
- Nested Ifs
- Video Games
- Making a video game

OR

- `==` is case sensitive and spelling sensitive
- How can we make sure that both `"manchild"` and `"Manchild"` are allowed?

```
if guess == "Manchild" || guess == "manchild" {  
    ...  
}
```

- `||` is the OR operator
- Note: `guess == "Manchild" || "manchild"` is not correct -- the `||` must go between two full comparisons

Nested Ifs

- You can put if statements inside of other if statements

```
if guess == "Manchild" {  
  console.write("That's right!")  
  console.write("") // Empty line to separate output  
  
  let song = console.read("What the best song on her new album?")  
  if song == "Nobody's Son" {  
    console.write("Correct!")  
  } else {  
    console.write("Wrong!")  
  }  
} else if guess == "Golden" {  
  // ...
```

Video Games

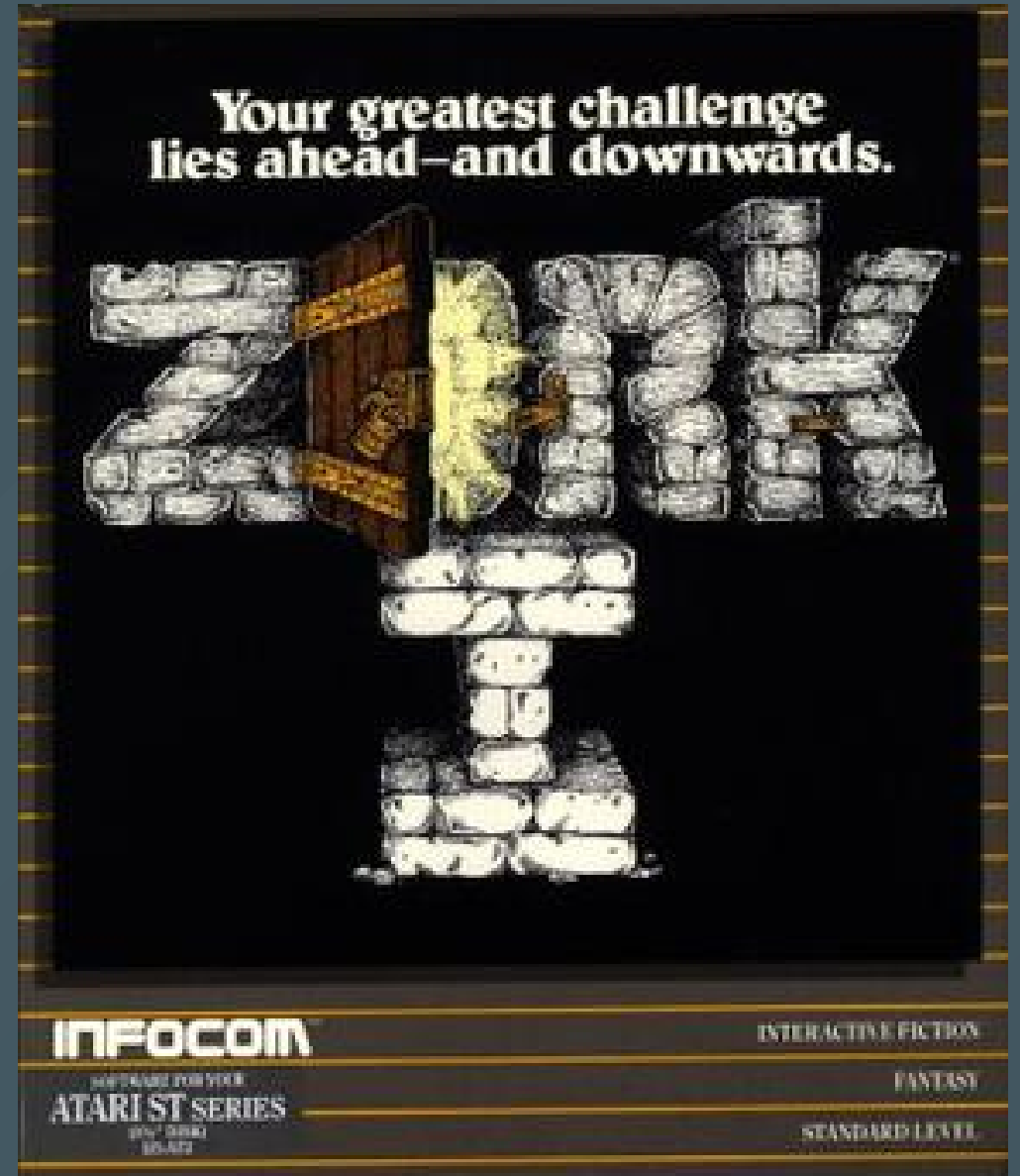
- What games are you currently playing?

Video Games

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

Zork

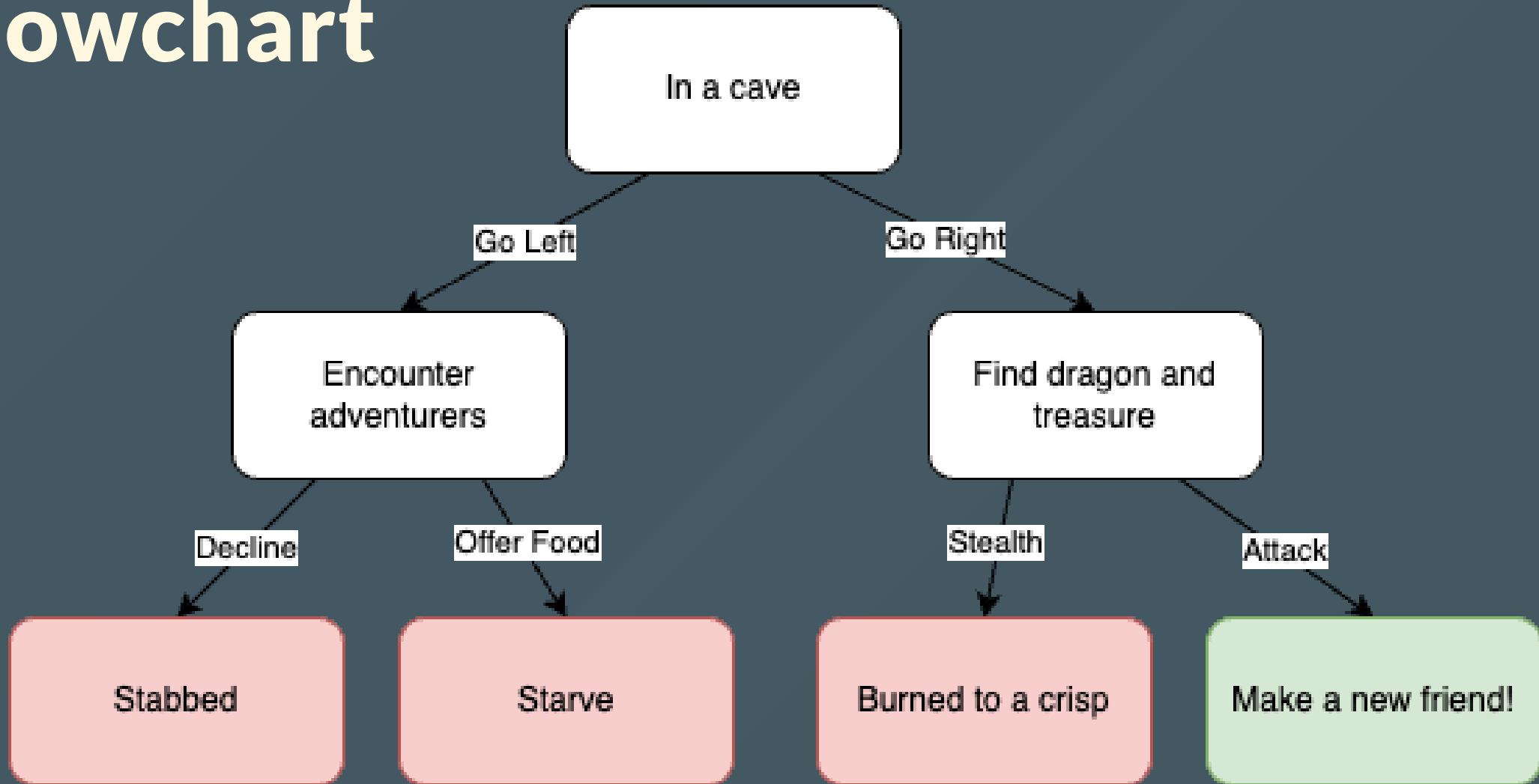
- Text based games
- Before computer graphics
- <https://classicreload.com/zork-i.html>



My Example

- Escaping quotes with `\`
- Nested Ifs
- `console.write(" ")` for empty space

Flowchart



Requirements

- Give the user some story and a simple choice
- Use nested `if` statements to `console.write` what happens next
- You can have more than 2 options at each choice!
- 3 choices total, minimum
- Be creative!
- *Keep it appropriate*