QND Computer Science Day 3

Mr. Schmidt

Recap

- Strings

- Variables

- Concatenation

- `console.write()`

- `console.read()`

Today

- How can we make programs more interactive?

What is the Song of the Summer?

- A certified bop
- A jam and a half

Qualities of the Song of the Summer

- Beach vibes

- Upbeat, danceable

- Simple chorus -- you only need to hear it once!

Possible Topics for the Song of the Summer

- My ex is awful (Good 4 U)

- My SO is great (Cheerleader)

- Dancing is fun (Hot to Go)

- My haters are trash (Not Like Us)

What is NOT the Song of the Summer?

- Whatever is #1 on the charts

- Sad girl autumn crash out music (Sorry, Taylor)

- Whatever is big on TikTok

  - The people choose the song of the summer, not The Algorithm

`if` statements

- Execute different code based on a condition

```
let guess = console.read("What is the song of the summer?")

if guess == "Manchild" {
    console.write("That's right!")
} else {
    console.write("Wrong, try again!")
}
```

else if

- What if there are multiple branches?

```
let guess = console.read("What is the song of the summer?")

if guess == "Manchild" {
    console.write("That's right!")
} else if guess == "Ordinary" {
    console.write("In this household we do not support TikTok influencers")
} else if guess == "That's So True" {
    console.write("Gracie Abrams is talented, but she's also a nepo baby")
} else if guess == "Golden" {
    console.write("Haven't seen the movie yet, but it is a good song!")
} else {
    console.write("Wrong, try again!")
}
```

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

Assignment

- Add more branches!