

QND Computer Science Day 3

Mr. Schmidt

Recap

- Strings
- Variables
- Concatenation
- `console.write()`
- `console.read()`

Today

- How can we make programs more interactive?

if statements

- Execute different code based on a condition

```
let guess = console.read("Who is the 2024 Pop Girlie of the year?")

if guess == "Chappel Roan" {
    console.write("That's right! Chappel Roan is the best!")
} 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 == "Chappel Roan" {
  console.write("That's right! Chappel Roan is the best!")
} else if guess == "Sabrina Carpenter" {
  console.write("Sabrina Carpenter is great, and a strong runner up!")
} else if guess == "Gracie Abrams" {
  console.write("Gracie is talented, but she's also a nepo baby")
} else {
  console.write("Wrong, try again!")
}
```

OR

- `==` is case sensitive and spelling sensitive
- How can we make sure that both `"Chappel Roan"` and `"chappel roan"` are allowed?

```
if guess == "Chappel Roan" || guess == "chappel roan" {  
    ...  
}
```

- `||` is the OR operator

Assignment

- Add more branches!