

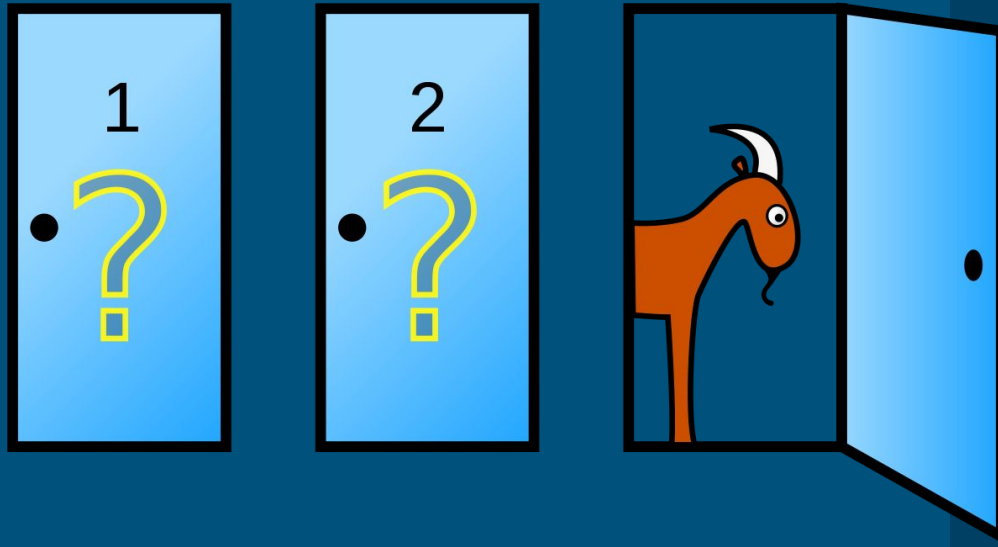
# Final Project - Monty Hall Problem



**WAP** (Wireless Access Points) **Stars:**  
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# What is the Monty Hall Problem?



- You are shown 3 closed doors
- Select your door, but you don't get to see it yet
- A door with a goat is revealed = a losing door
- You don't know what's behind the 3rd door ... do you want to swap doors or keep your original pick?

# Our Approach

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- Language choice: C++
- ASCII art / functions for open and closed doors to be printed during gameplay
- Create framework for game logic
- Add in the necessary client / server code
- Make sure the appropriate game code is divided into the correct spot -> client / server files



# ASCII Art

- 4 functions for each scenario
  - All open
  - Door 1 is selected
  - Door 2 is selected
  - Door 3 is selected

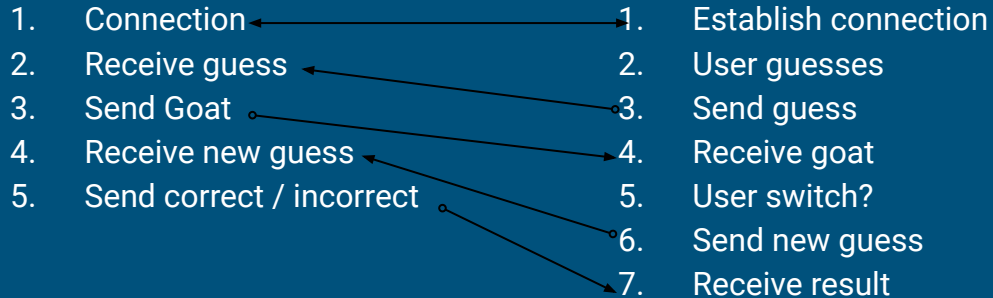


```
void allDoors(){
    cout << R"(
|_____ | | |_____ | | |_____ | | | | | | | | | | | | | | |
| \_____ / | \_____ / | \_____ / |
| | - - - | | | | - - - | | | | - - - | | |
| | + 1 + | | | | + 2 + | | | | + 3 + | | |
| | + | +% | | | | + | +% | | | | + | +% | | |
| | | | | | | | | | | | | | | | | | | | | |
| | [ ] O | | | [ ] O | | | [ ] O | | |
| |   | | | | |   | | | | |   | | | | |
| |   O | | |   O | | |   O | | |   O | | |
| |   | | | | |   | | | | |   | | | | |
| |   | | | | |   | | | | |   | | | | |
| |_____ | | |_____ | | |_____ | | |
)";
}

void door1(){
    cout << R"(
|_____ | | |_____ | | |_____ | | | | | | | | | | |
| | / | | | | | - - - | | | - - - | | |
| | 1 | | | | | + 2 + | | | + 3 + | | |
| | ,x, ' | | | | + | +% | | | | + | +% | | |
| | ,x , | | | | | | | | | | | | | | | |
| | / | | | | | | | | | | | | | | | |
| | / | | | | | [ ] O | | | [ ] O | | |
| | [ ] O | | |   | | | | |   | | | | |
| |   | | | | |   O | | |   O | | |   O | | |
| |   | | | | |   | | | | |   | | | | |
| |   , ' | | |   | | | | |   | | | | |
| | , ' | | |   | | | | |   | | | | |
| |_____ | | |_____ | | |_____ | | |
)";
}
```

# Server

# Client





Thank you!

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# Possible goat pictures

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**BABY GOAT DON'T  
LIKE YOU.**

**AND BABY GOAT LIKES EVERYONE**