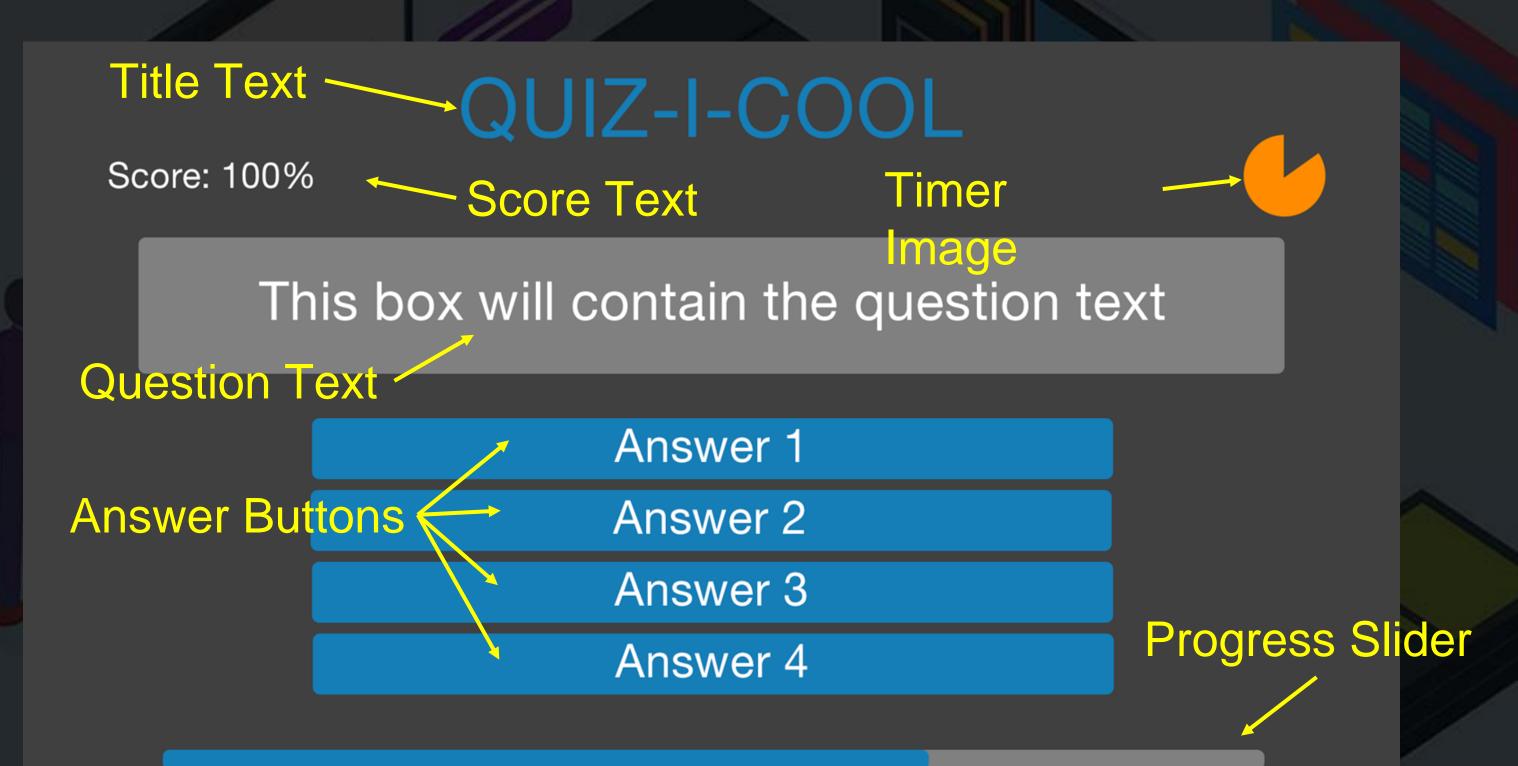


# Gameplay Overview Screen



# Gameplay Overview Screen

QUIZ-I-COOL

**Score: 80%** 

Sorry, the correct answer was [Answer 3]

Confirmation Text

**Answer 1** 

Answer 2

Answer 3

Answer 4

Highlight Correct Answer

# Gameplay Overview Screen

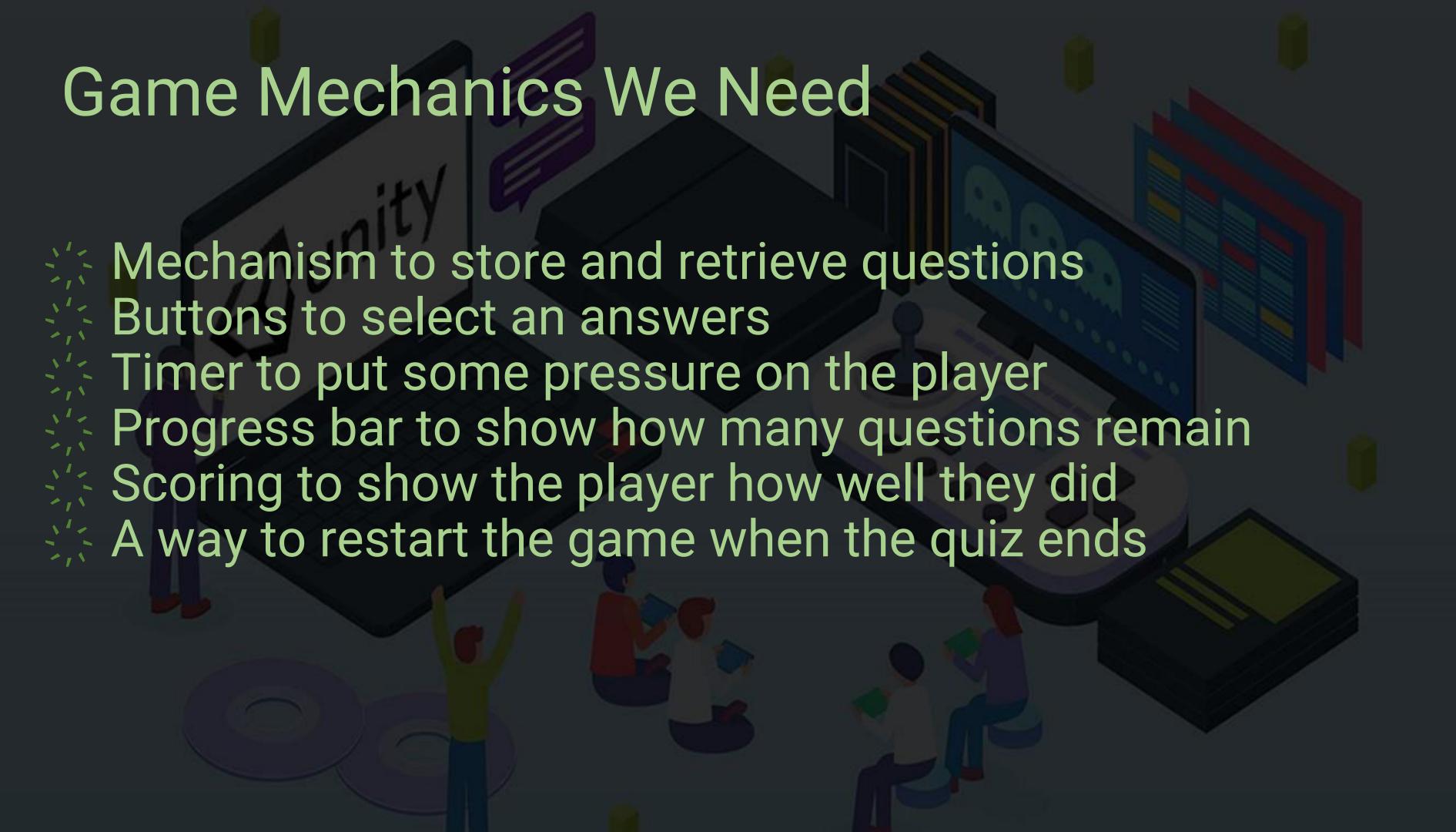
QUIZ-I-COOL

Win Message — Congratulations!

You scored 85%

Play Again?

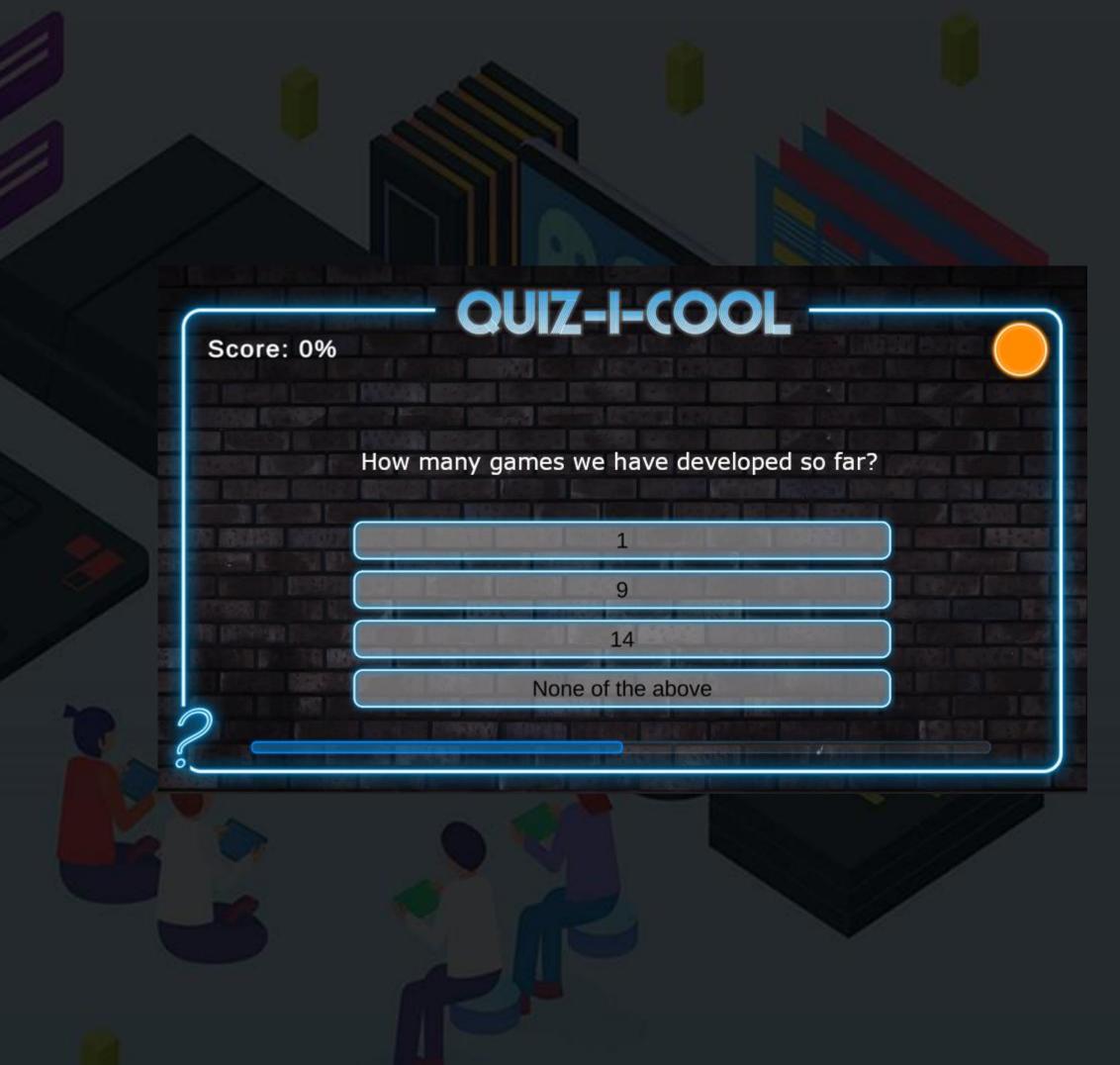
Replay Button

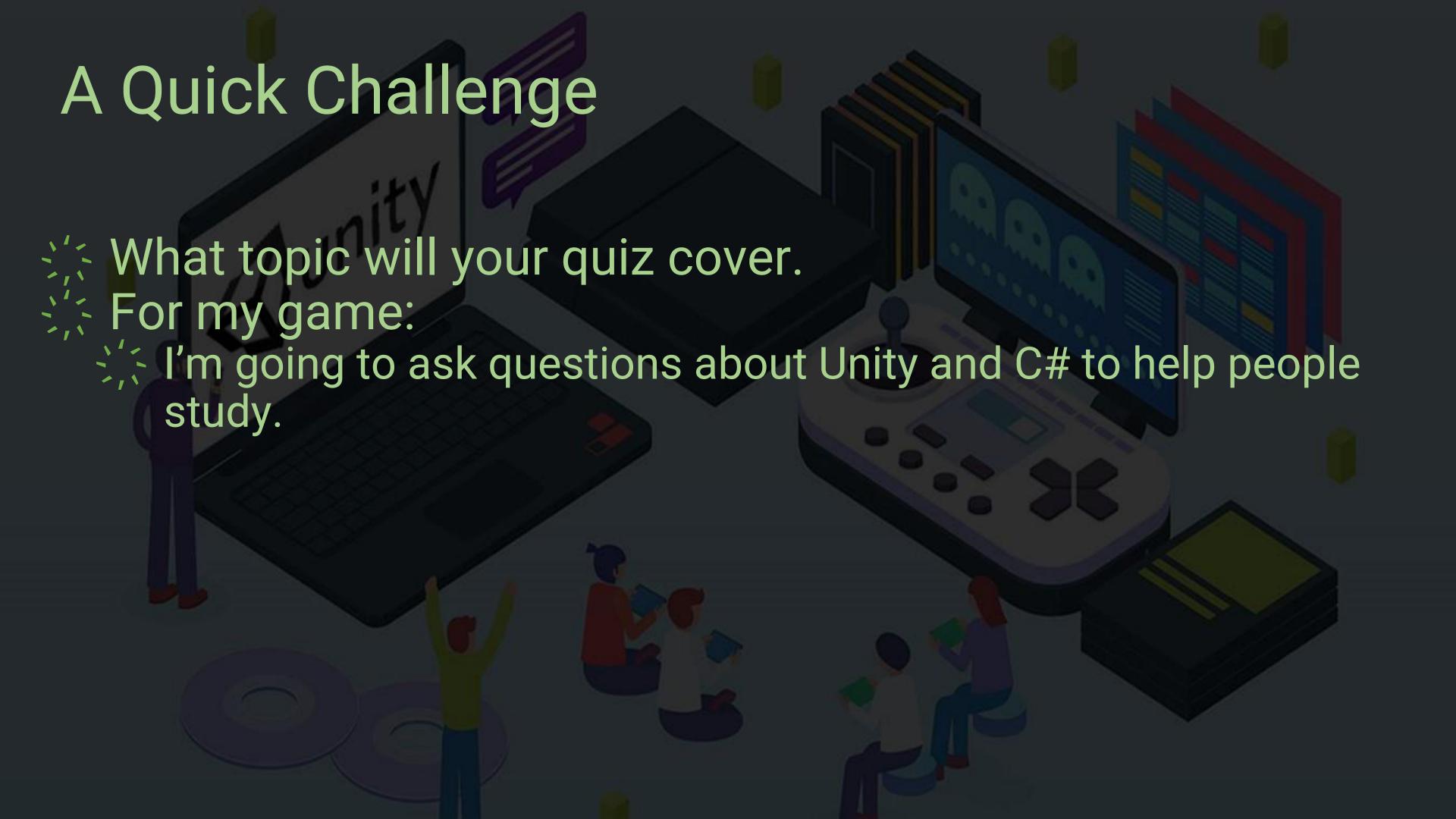


Game Design

Player Experience:
Knowledgeable /
Intelligent
Core Mechanic:
Test your knowledge
Game Loop:

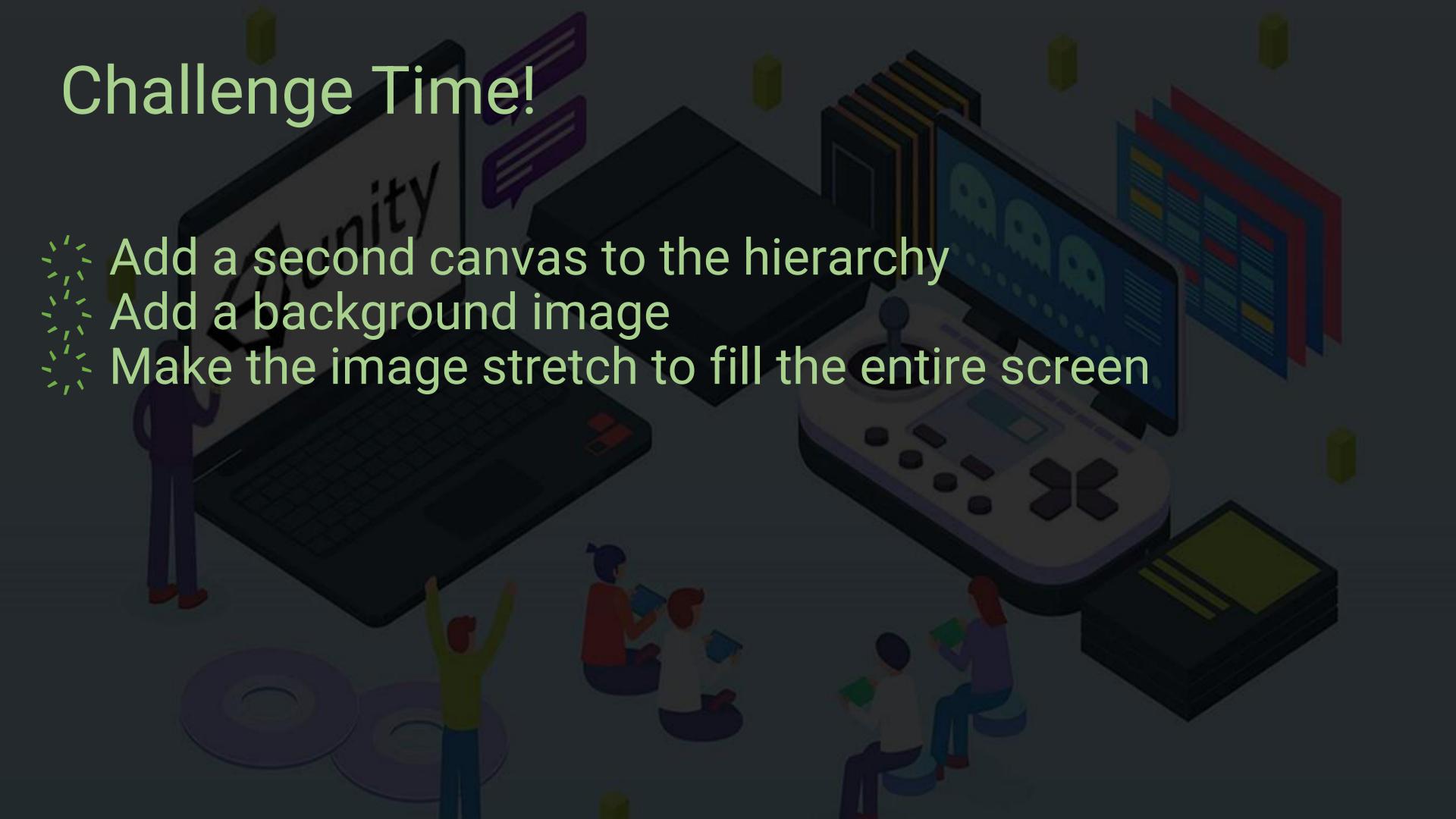
Answer a set number questions on a topic within the given time



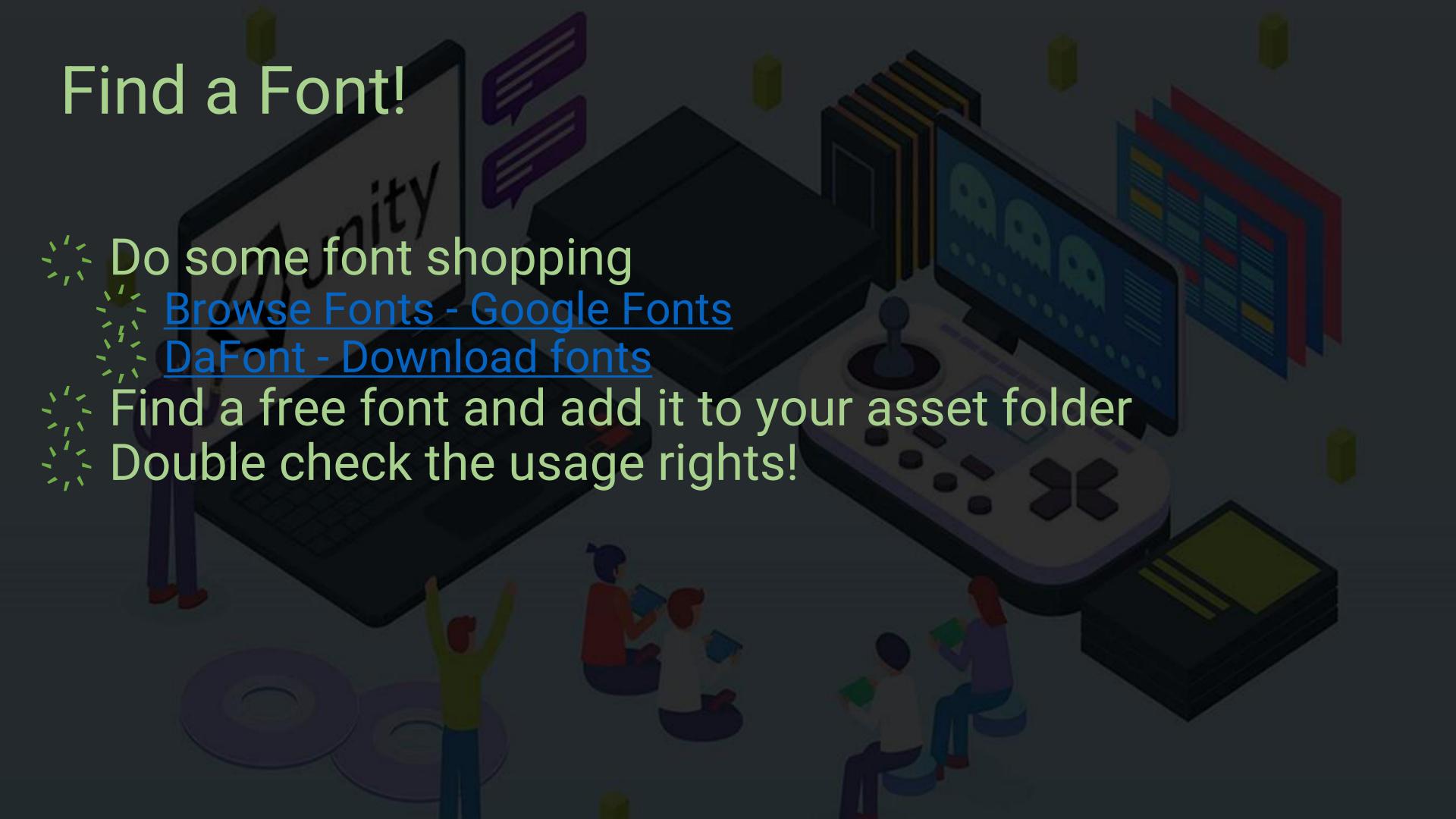


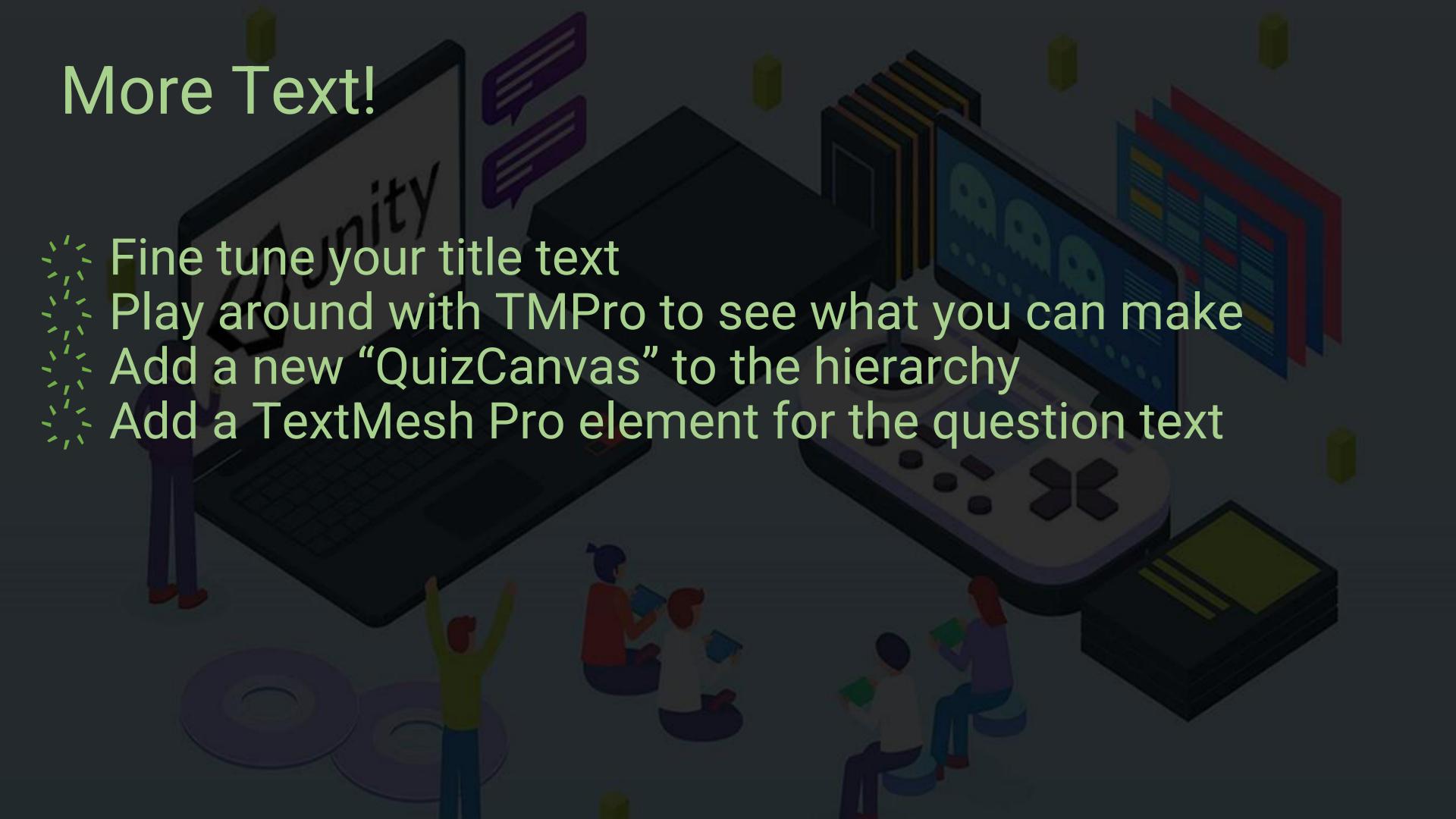








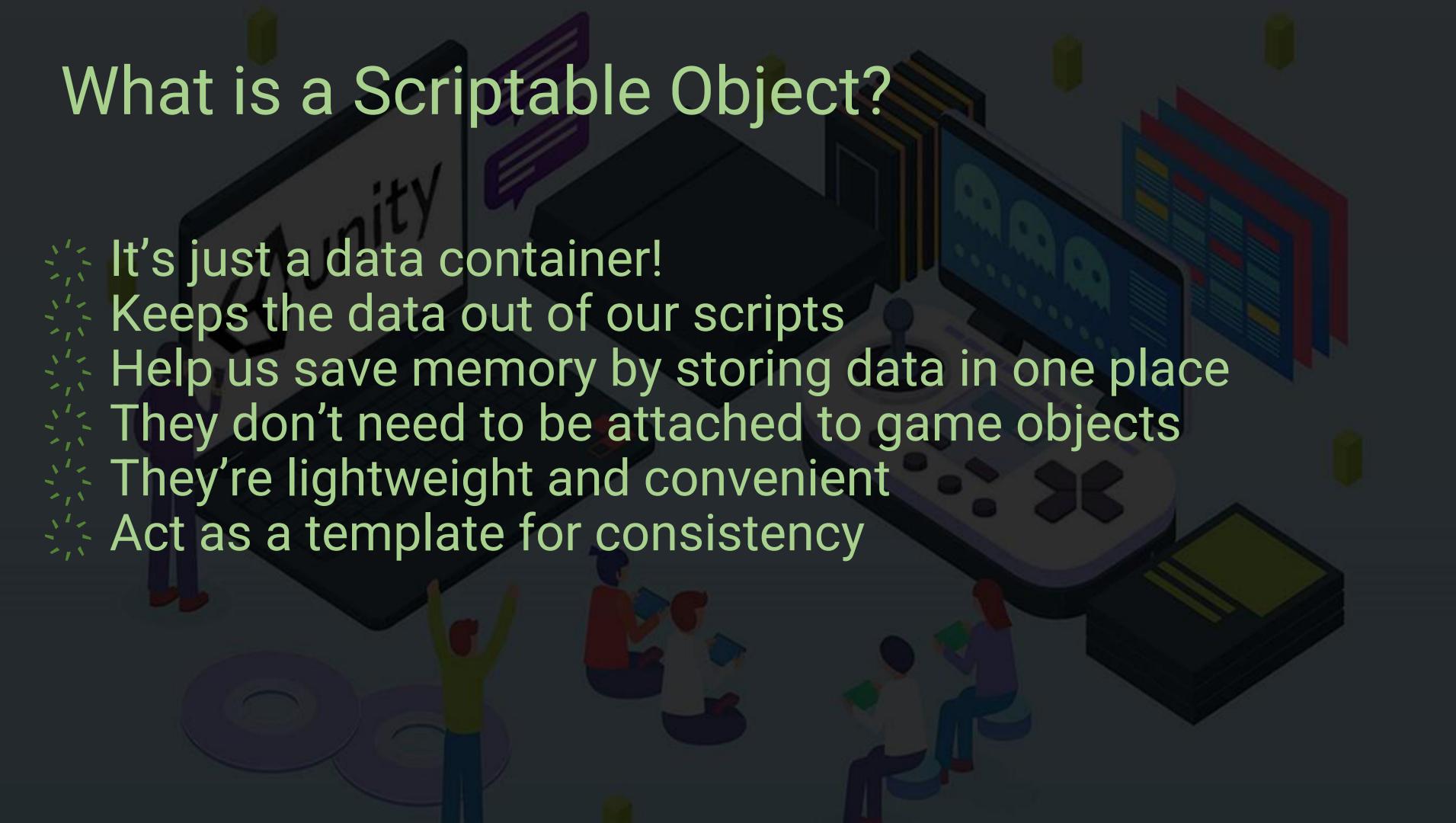














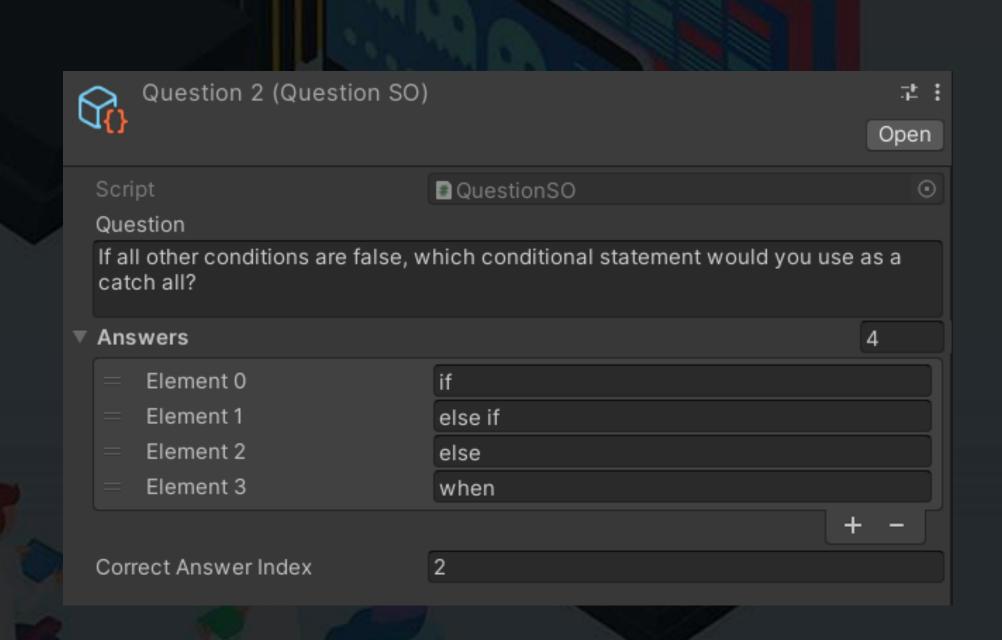
Weapon stats in an RPG
Card data in a CCG

We'll be using them to store question data

Question text

Possible answers

Correct answer



### Structure

Our Code

Quiz.cs

GetQuestionData()

Question 3

DisplayQuestion()

CheckAnswer()

Scriptable Objects

Question 1

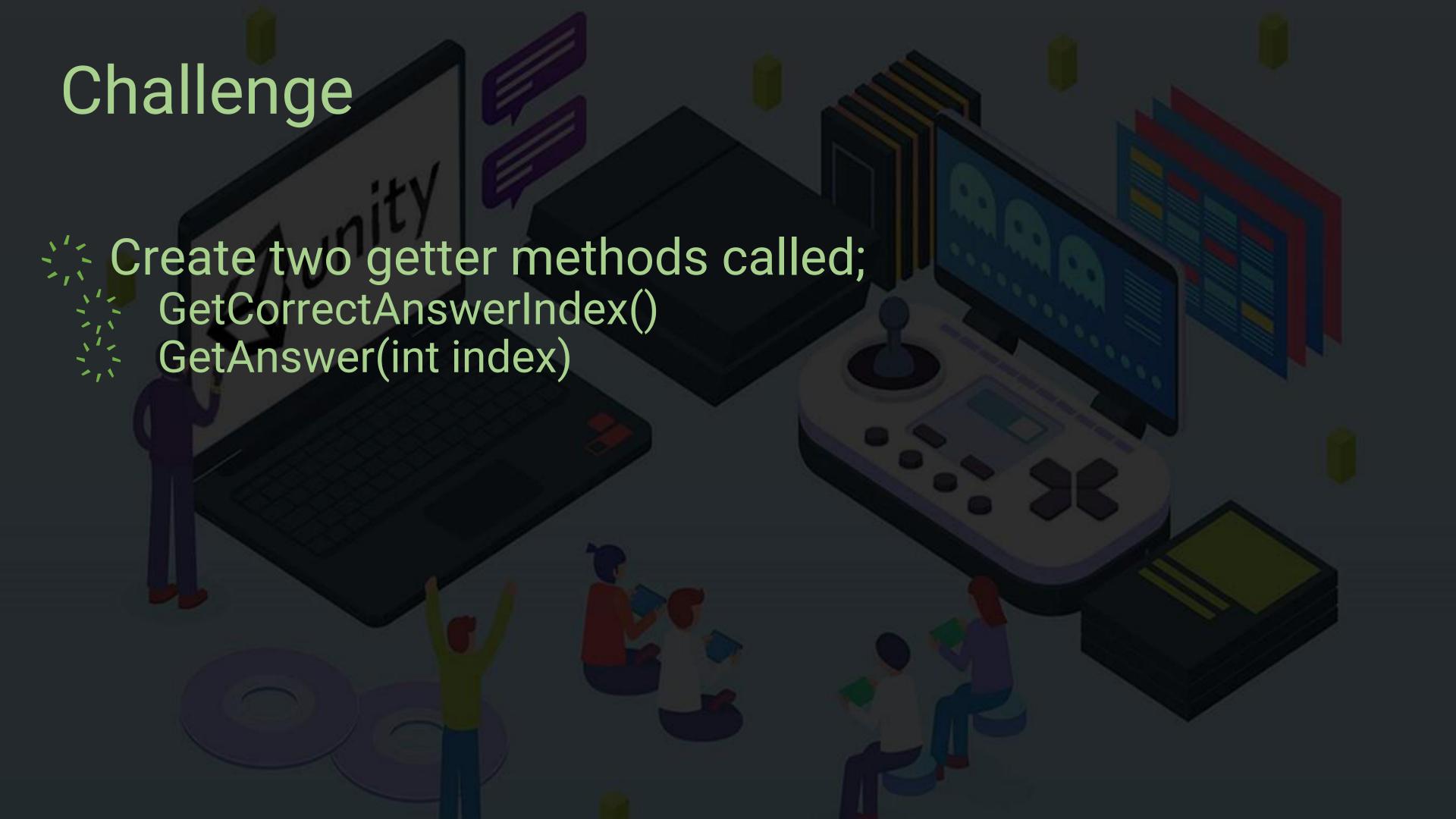
Question 2

Question 3

Question 4











# Challenge

Change the text displayed on the button to the first answer stored in our QuestionSO.

#### Remember:

Our scriptable objects contain the getter method:

GetAnswer(int index)



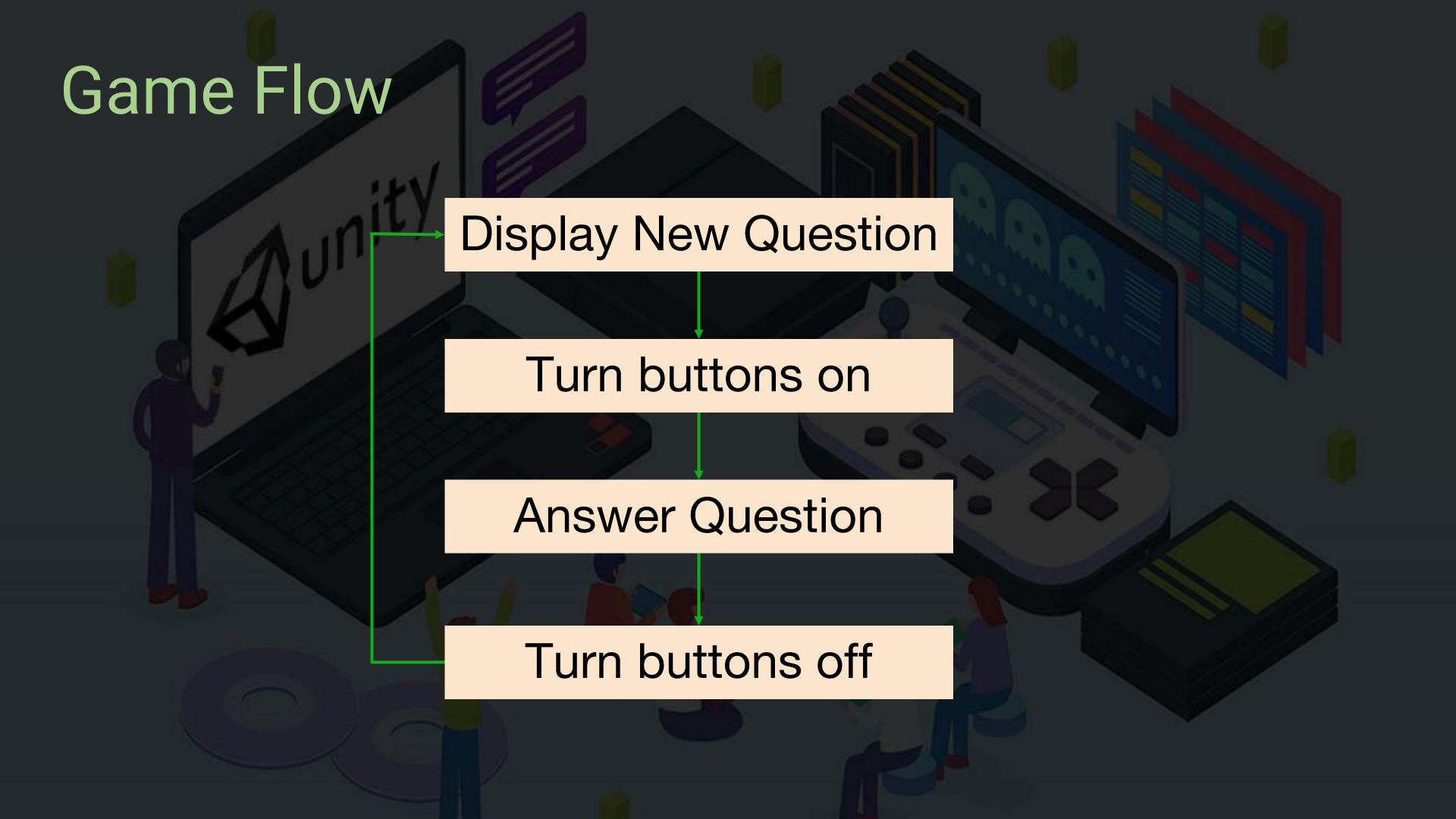


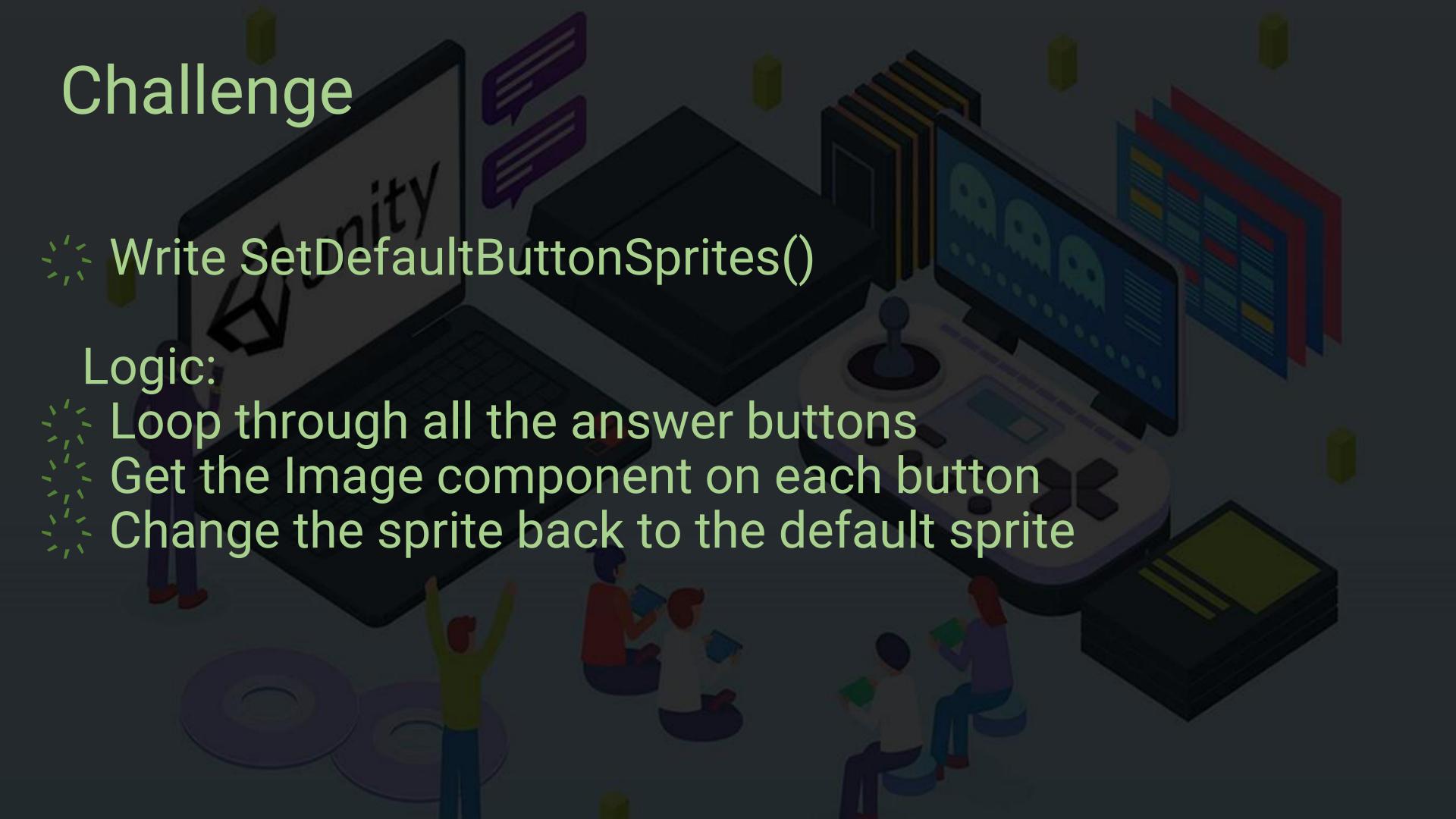
Change the question text to display the correct answer. Change the image on the button that contains the correct answer.

Remember:

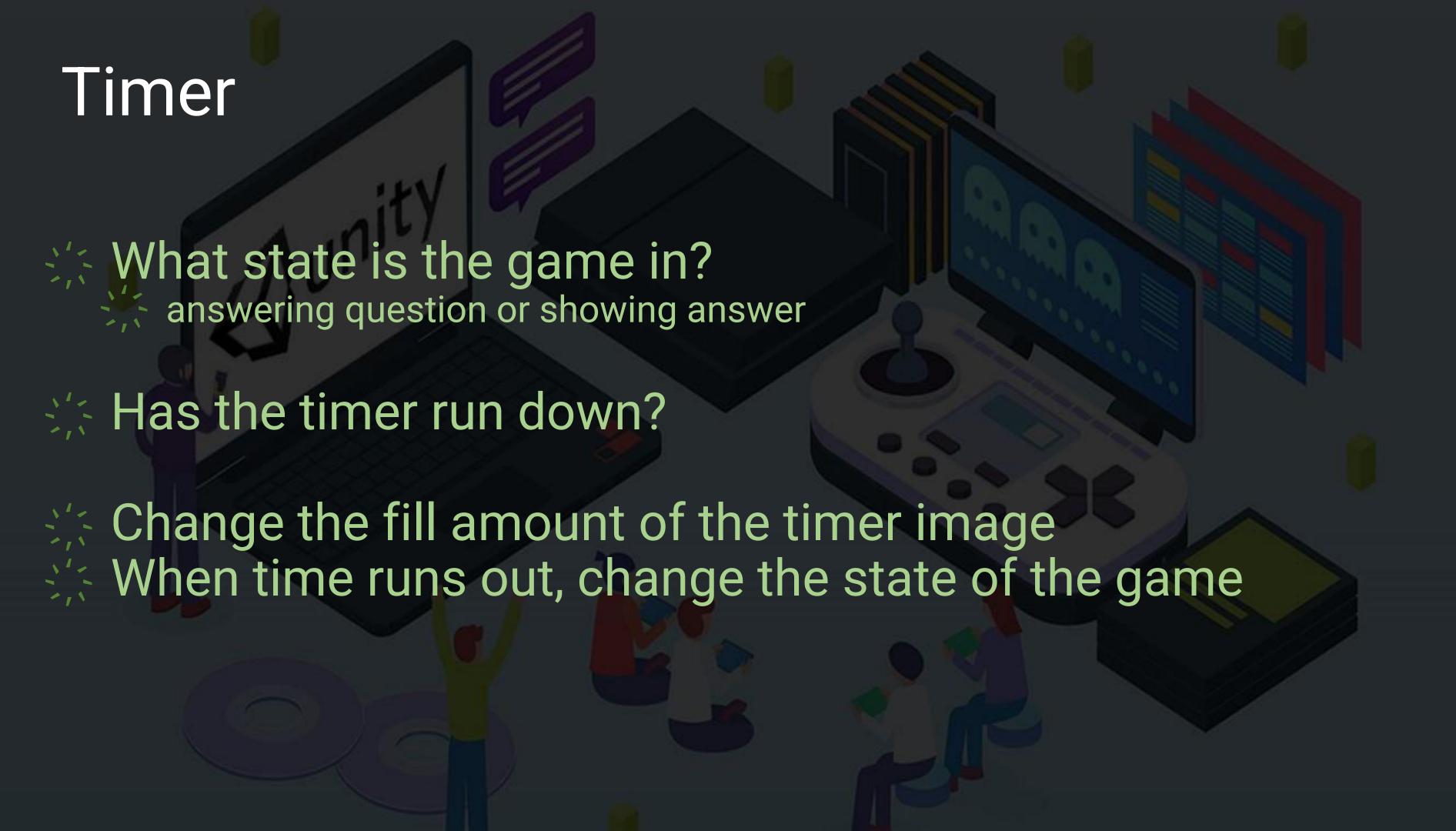
The correct answer index is stored in the scriptable object.

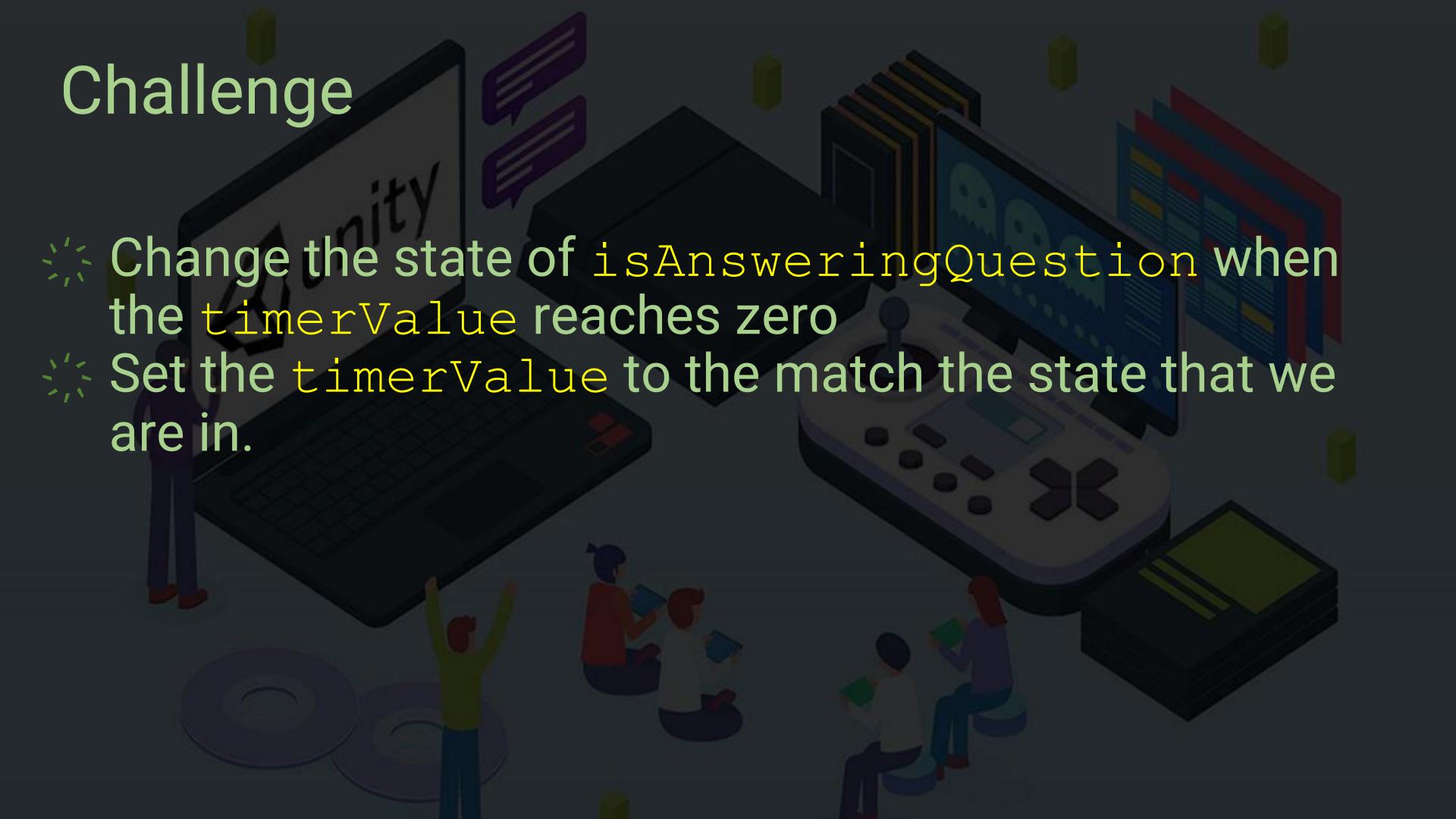




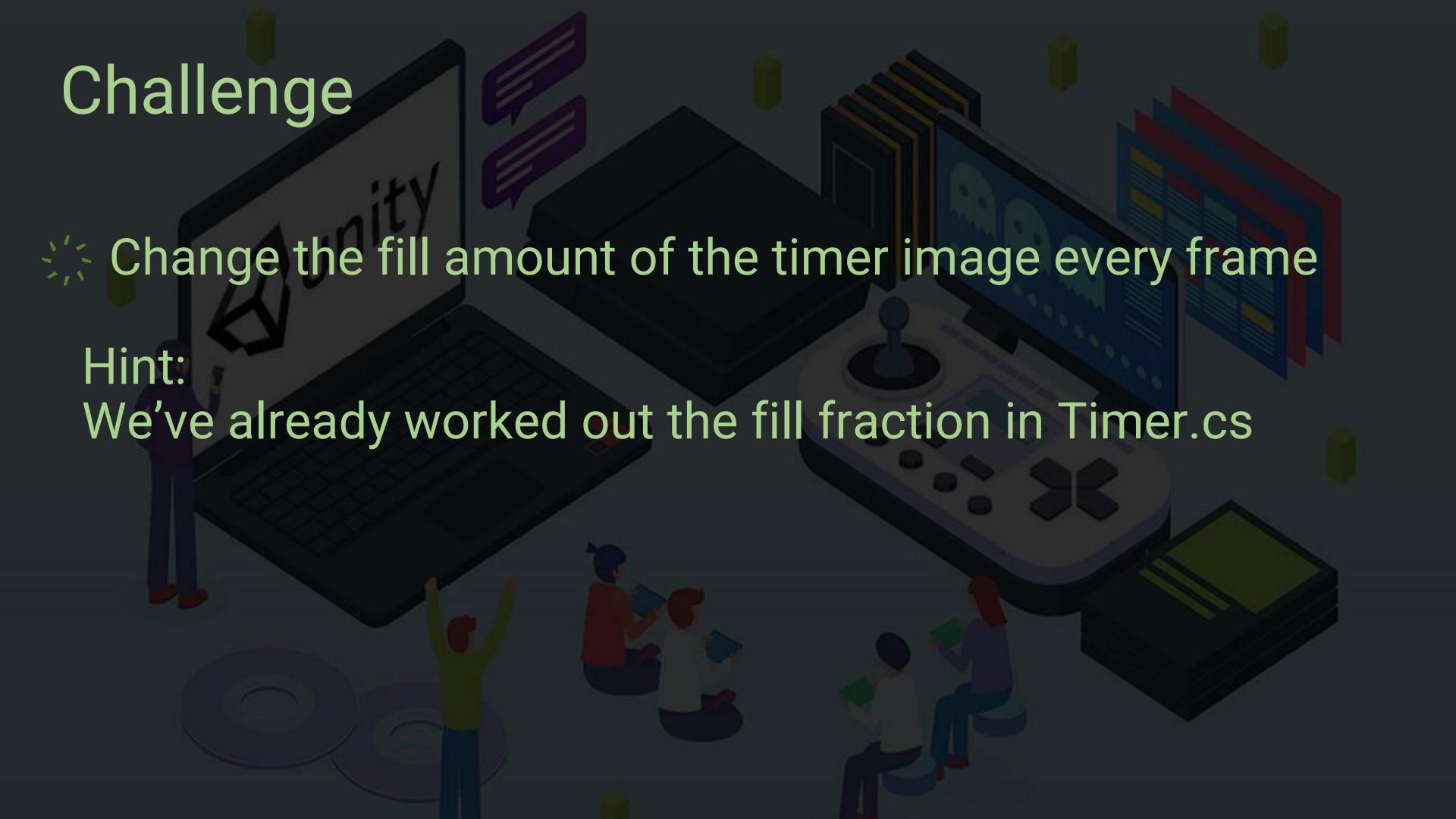








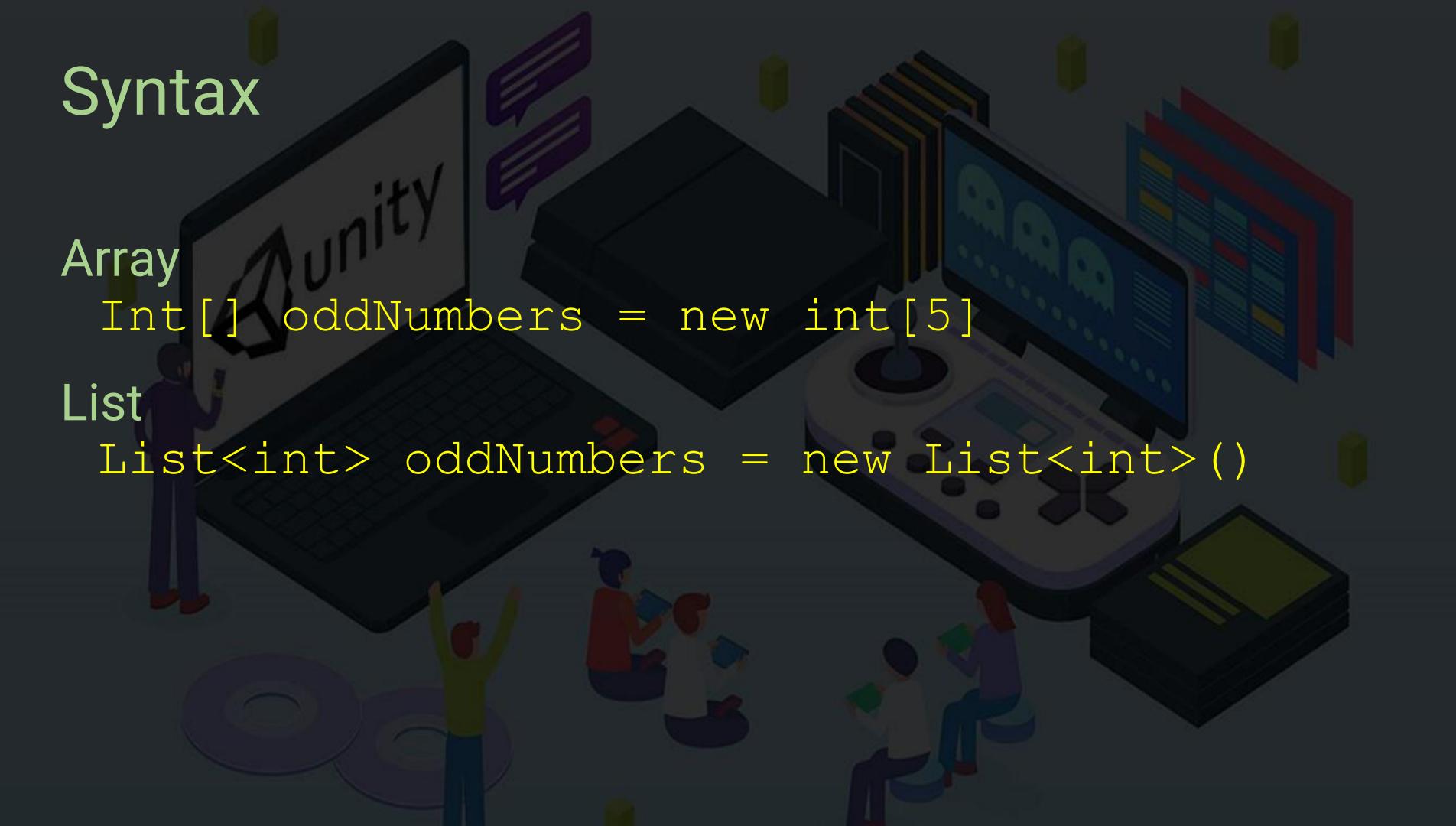


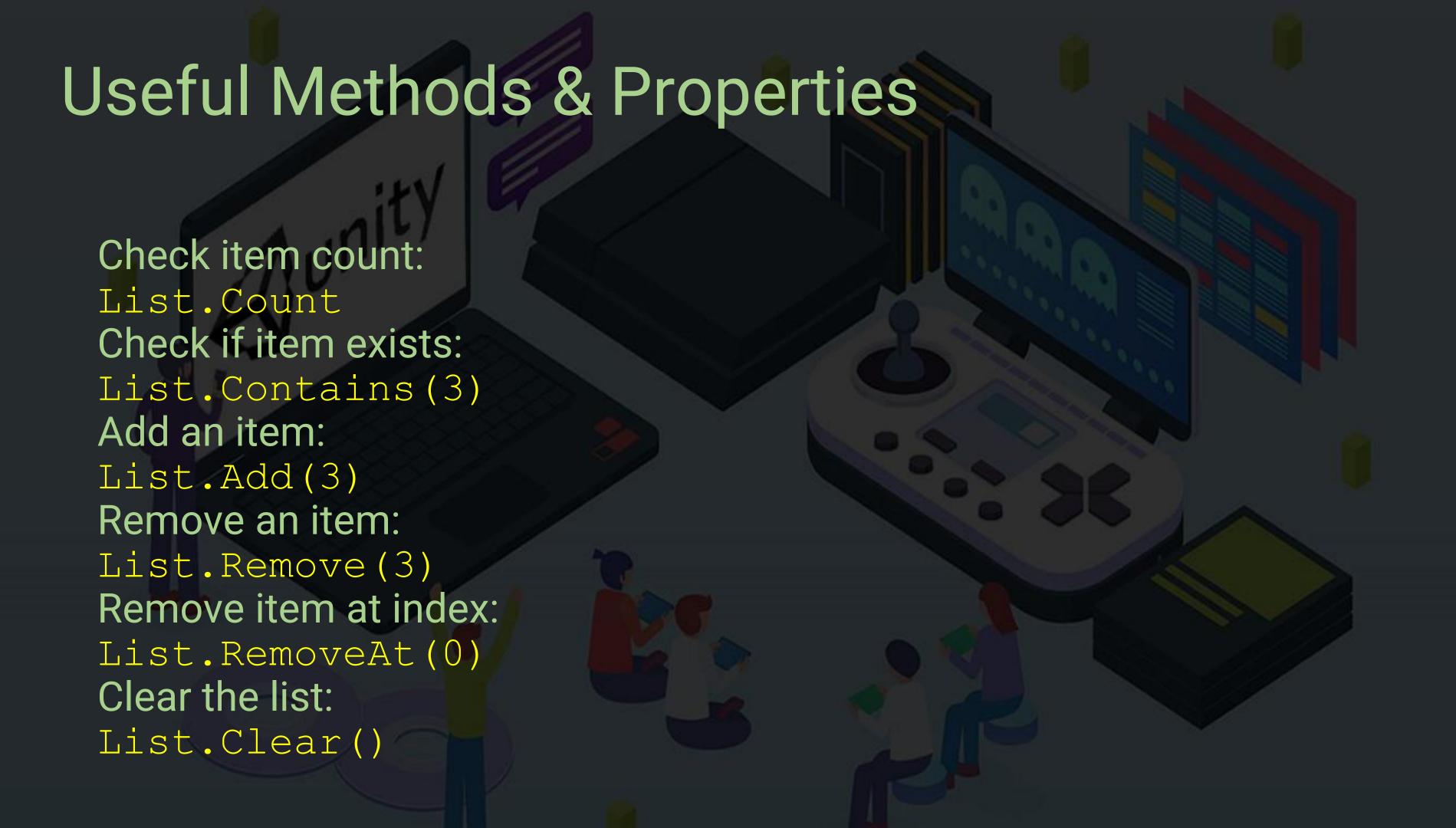


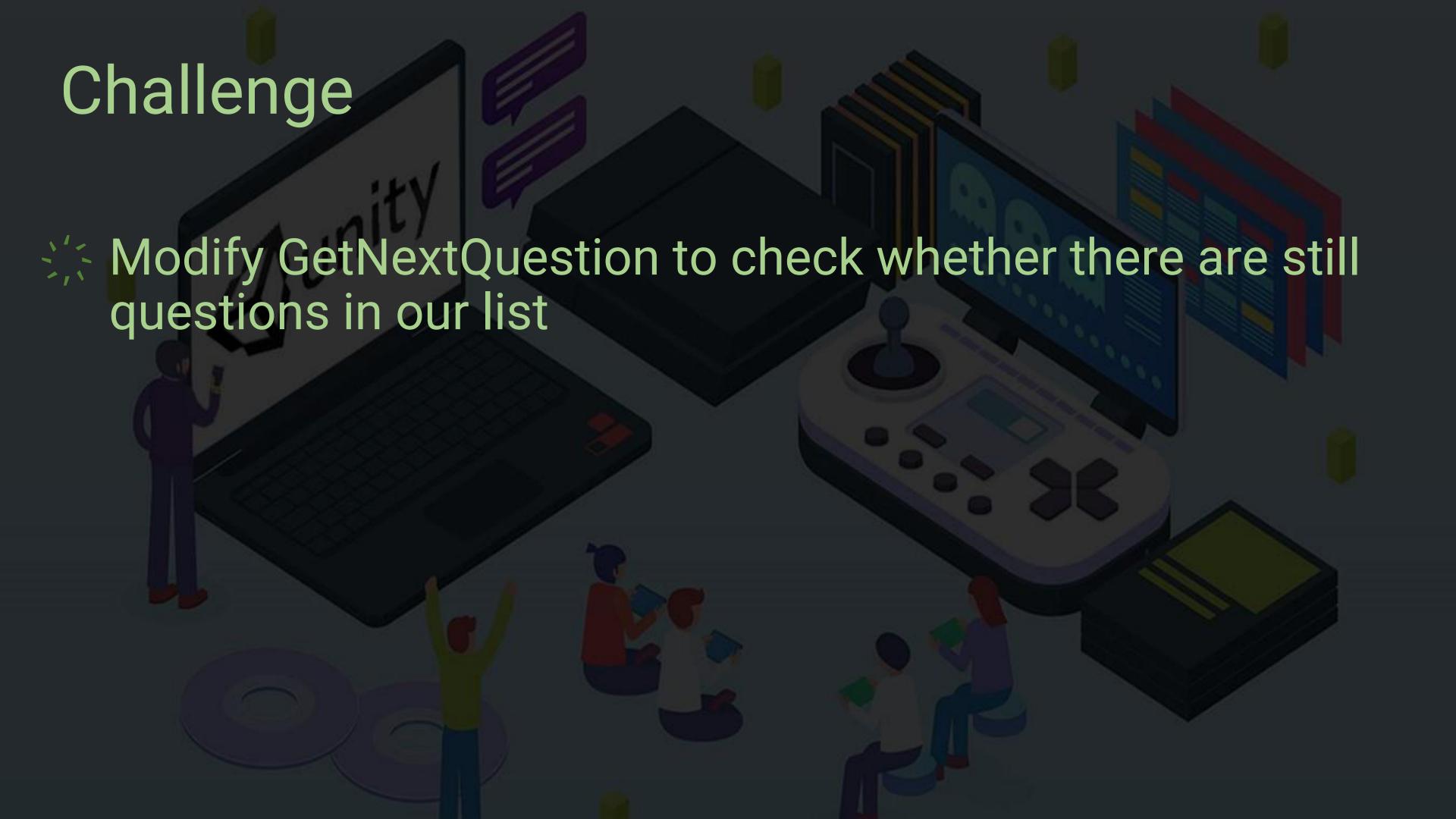


## What is a List?

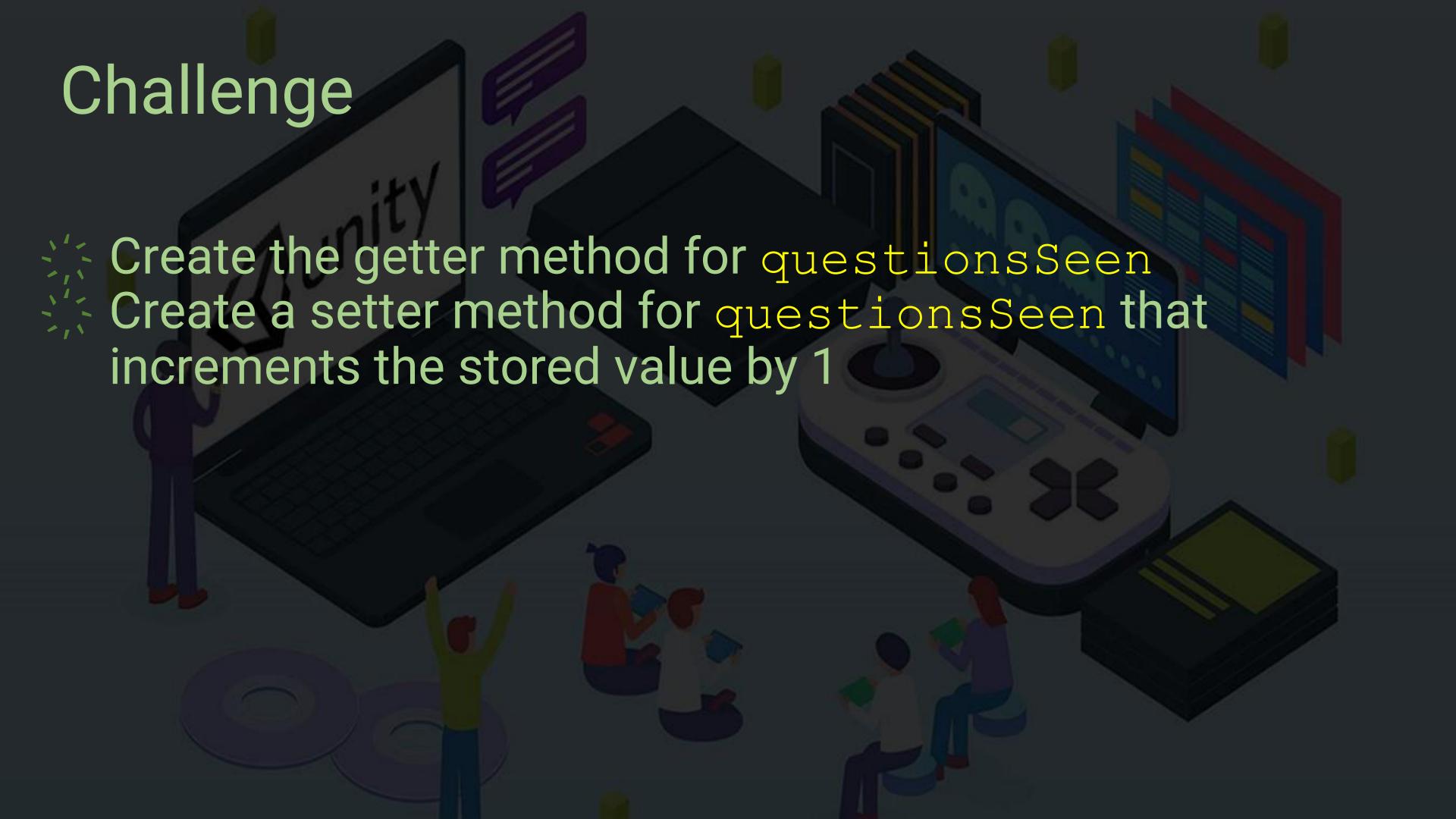
- They're kind of like arrays!
- A grouping of multiple variables of the same type Each item stored in an List is called an 'element' Each element can be accessed by its index number Counting starts at zero!
- They're mutable meaning we can change their size!







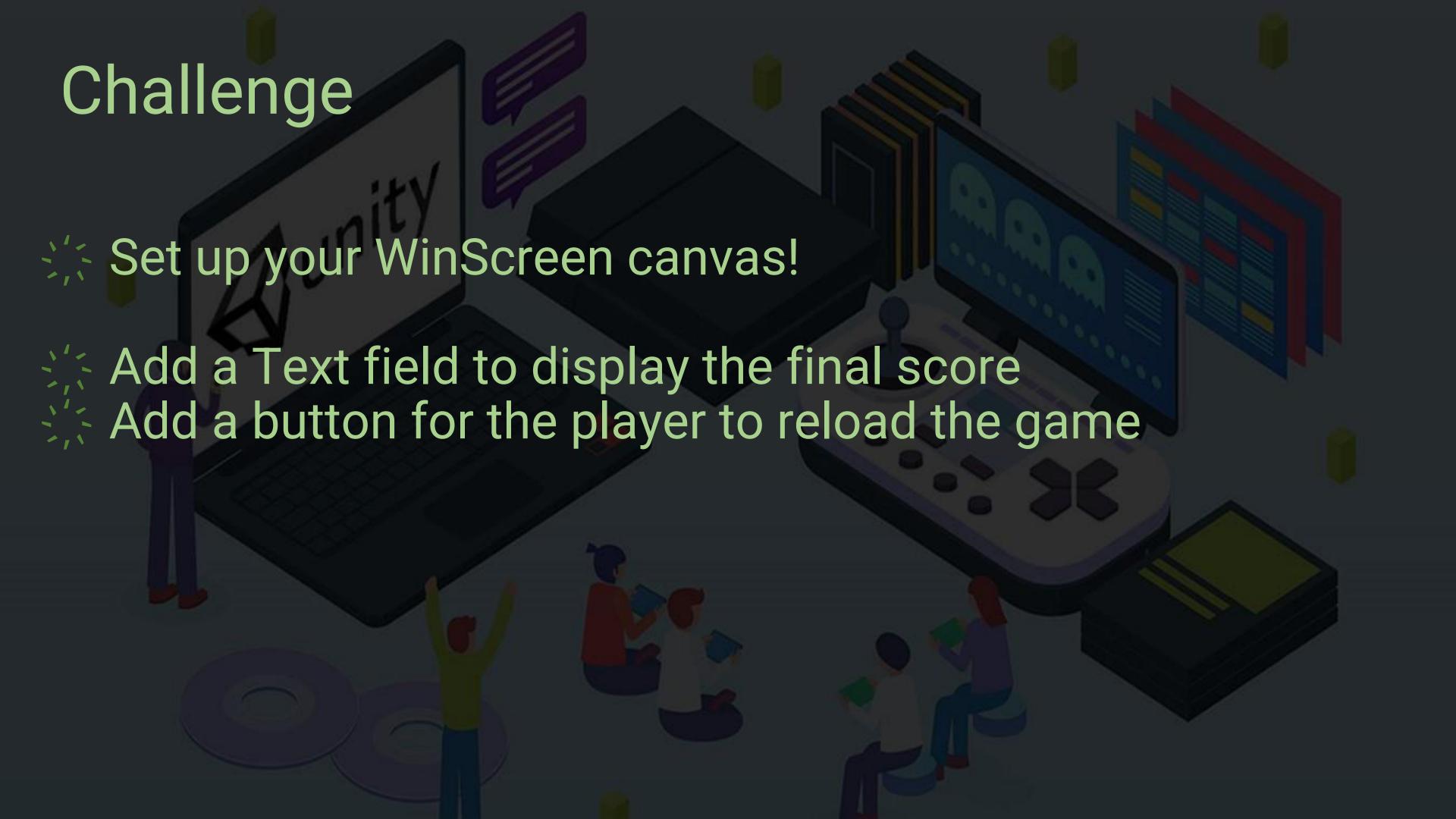
















## References

- Basic Layout | Unity UI | 1.0.0 (unity3d.com)
- :: DaFont Download fonts
- :: Button | Unity UI | 1.0.0 (unity3d.com)
- :: Unity Manual: ScriptableObject (unity3d.com)
- :: Arrays C# Programming Guide | Microsoft Learn
- :: Iteration statements C# reference | Microsoft Learn
- :: Unity Scripting API: UI.Image.sprite (unity3d.com)
- :: Unity Scripting API: Button (unity3d.com)
- :: Unity Scripting API: UI.Image.fillAmount (unity3d.com)

## References

- :: List<T> Class (System.Collections.Generic) | Microsoft Learn
- Casting and type conversions C# Programming Guide | Microsoft Learn
- :: Unity Scripting API: Mathf.RoundToInt (unity3d.com)
- :: Unity Scripting API: Slider (unity3d.com)
- Unity Scripting API: SceneManagement.SceneManager.LoadScene (unity3d.com)
- :: Unity Manual: Script Execution Order settings (unity3d.com)