

A screenshot of the Visual Studio code editor showing a C# script named "FruitController.cs". The script contains the following code:

```
using System.Collections;
using System.Collections.Generic;
using UnityEngine;
using UnityEngine.SceneManagement;

public class FruitController : MonoBehaviour
{
    private void Update()
    {
        AllFruitsCollected();
    }

    public void AllFruitsCollected()
    {
        if (transform.childCount == 0)
        {
            Debug.Log("no quedan frutas");
            SceneManager.LoadScene(SceneManager.GetActiveScene().buildIndex + 1);
        }
    }
}
```

The code includes imports for System.Collections, System.Collections.Generic, UnityEngine, and UnityEngine.SceneManagement. It defines a class "FruitController" that inherits from "MonoBehaviour". The "Update" method calls the "AllFruitsCollected" function. The "AllFruitsCollected" function checks if the transform has no children. If true, it logs a message and loads the next scene using "SceneManager.LoadScene".

The screenshot shows the Unity Editor interface with two main windows open:

- Code Editor (Top Window):** Displays the script `FruitCollected.cs` with the following code:

```
using System.Collections;
using System.Collections.Generic;
using UnityEngine;

public class FruitCollected : MonoBehaviour
{
    private void OnTriggerEnter2D(Collider2D collision)
    {
        // Verificamos si lo que tocó la fruta es el Jugador
        if (collision.CompareTag("Player"))
        {
            // 1. Desactivamos el renderizador para que la fruta "desaparezca" visualmente de inmediato
            GetComponent<SpriteRenderer>().enabled = false;

            gameObject.transform.GetChild(0).gameObject.SetActive(true);

            // 3. Destruy whole object after 0.5 seconds to give time to see the effect
            Destroy(gameObject, 0.5f);

            // Opcional: Aquí podrías sumar puntos a un contador
            // ScoreManager.instance.AddPoint();
        }
    }
}
```

- Build Settings (Bottom Window):** Shows the build configuration for the project. The "Scenes in Build" section lists `Scenes\SampleScene` and `Scenes\nivel2`. The "Platform" dropdown is set to "Windows, Mac, Linux". The "Target Platform" dropdown shows "Windows" and "Intel 64-bit". Other options include "Copy PDB files", "Create Visual Studio Solution", "Development Build", "Autoconnect Profiler", "Deep Profiling Support", "Script Debugging", and "Compression Method".



