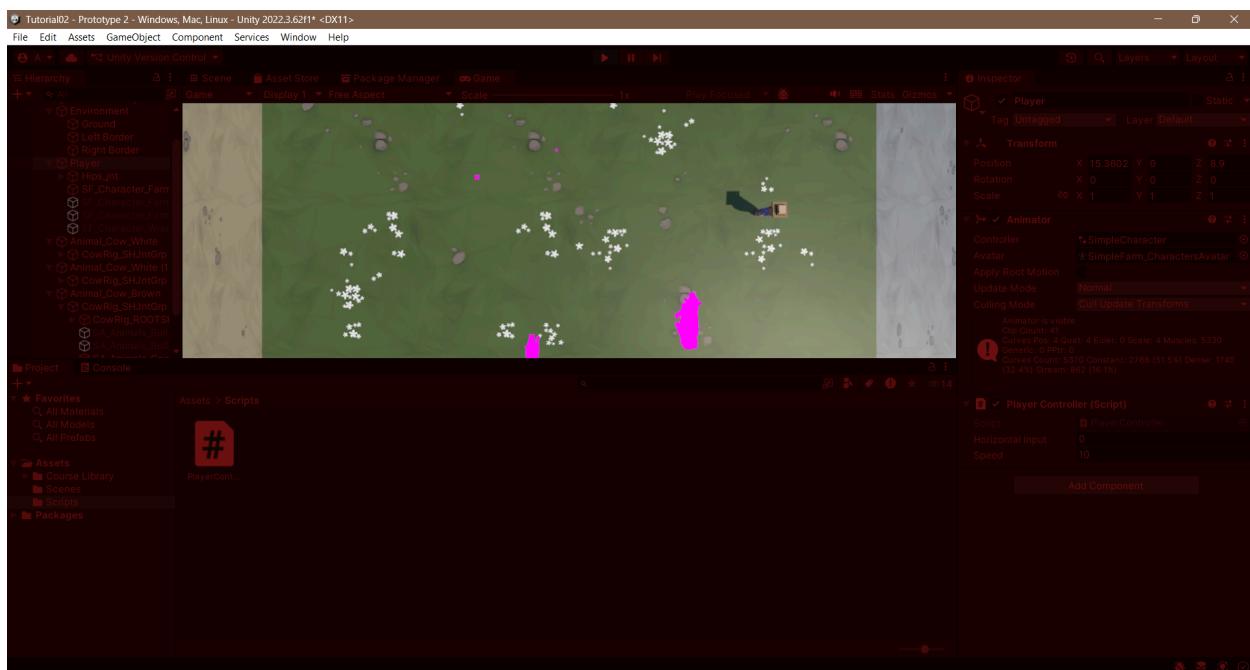
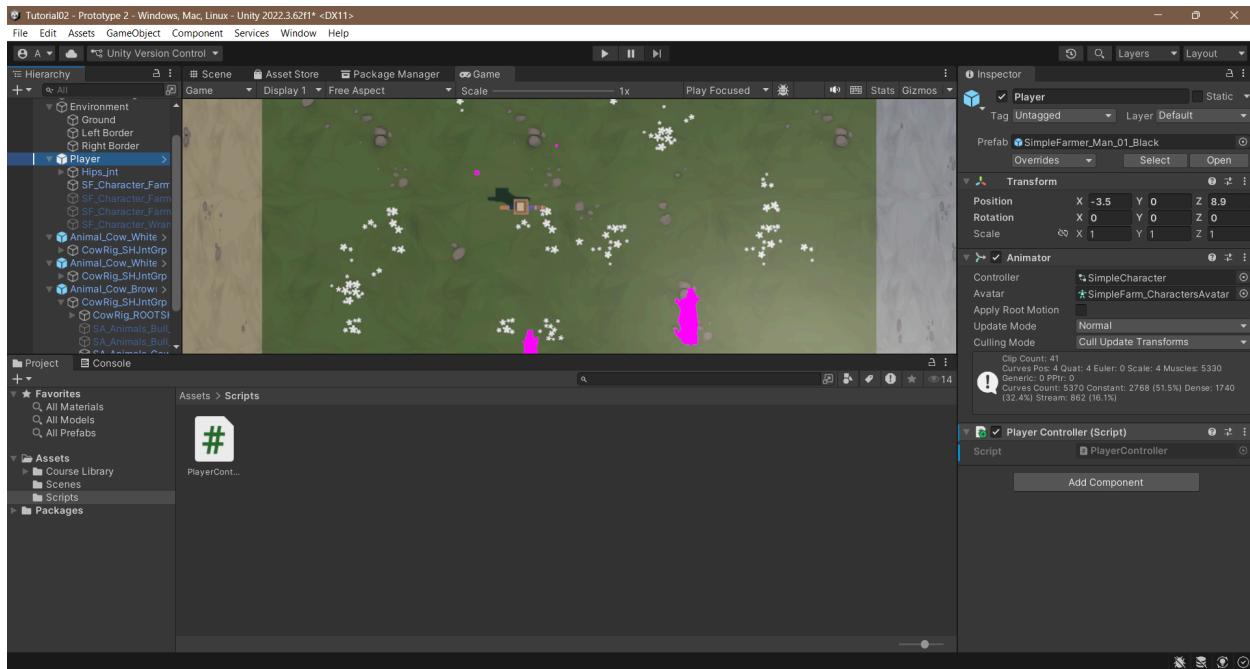


```
PlayerController.cs*
```

```
1  using System.Collections;
2  using System.Collections.Generic;
3  using UnityEngine;
4
5  public class PlayerController : MonoBehaviour
6  {
7      // Start is called before the first frame update
8      void Start()
9      {
10
11
12
13      public float horizontalInput;
14
15
16      void Update()
17      {
18          horizontalInput = Input.GetAxis("Horizontal");
19
20      }
21
22 }
```

```
1  using System.Collections;
2  using System.Collections.Generic;
3  using UnityEngine;
4
5  public class PlayerController : MonoBehaviour
6  {
7      // Start is called before the first frame update
8      void Start()
9      {
10
11
12
13      public float horizontalInput;
14      public float speed = 10.0f;
15
16
17      void Update()
18      {
19          horizontalInput = Input.GetAxis("Horizontal");
20          transform.Translate(Vector3.right * horizontalInput * Time.deltaTime * speed);
21
22      }
23
24 }
```



The screenshot shows the Unity Editor interface with the PlayerController.cs script open in the code editor. The GitHub Copilot panel is visible on the right side, displaying a message in Spanish: "Hola, soy GitHub Copilot. Uso el poder de la IA para ayudarte a:". Below this, there are buttons for "Programar en", "Compilación", "Explorar su código", and "Tutorial de GitHub Copilot". A link to "Regístrate en Copilot" and a Google sign-up button are also present.

```
public class PlayerController : MonoBehaviour
{
    public float xrange = 10f;
    public float speed = 10.0f;
    private float horizontalInput;

    void Update()
    {
        horizontalInput = Input.GetAxis("Horizontal");
        transform.Translate(Vector3.right * horizontalInput * Time.deltaTime * speed);

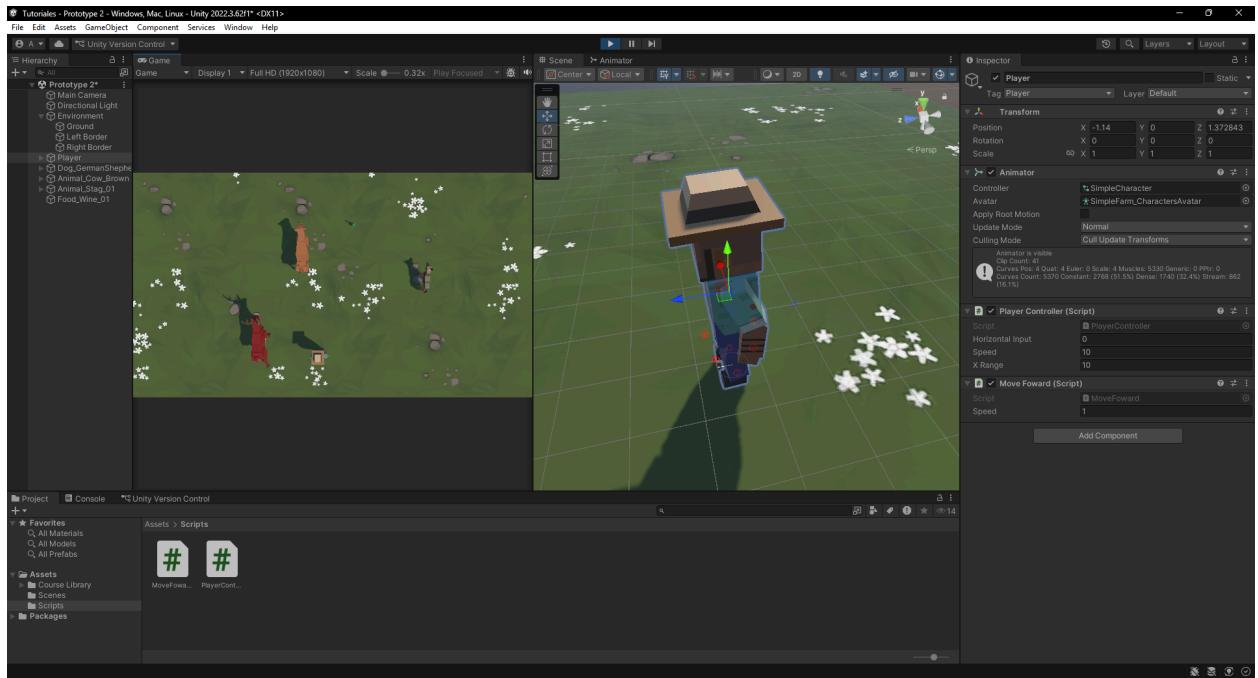
        if (transform.position.x < -xrange)
        {
            transform.position = new Vector3(-xrange, transform.position.y, transform.position.z);
        }

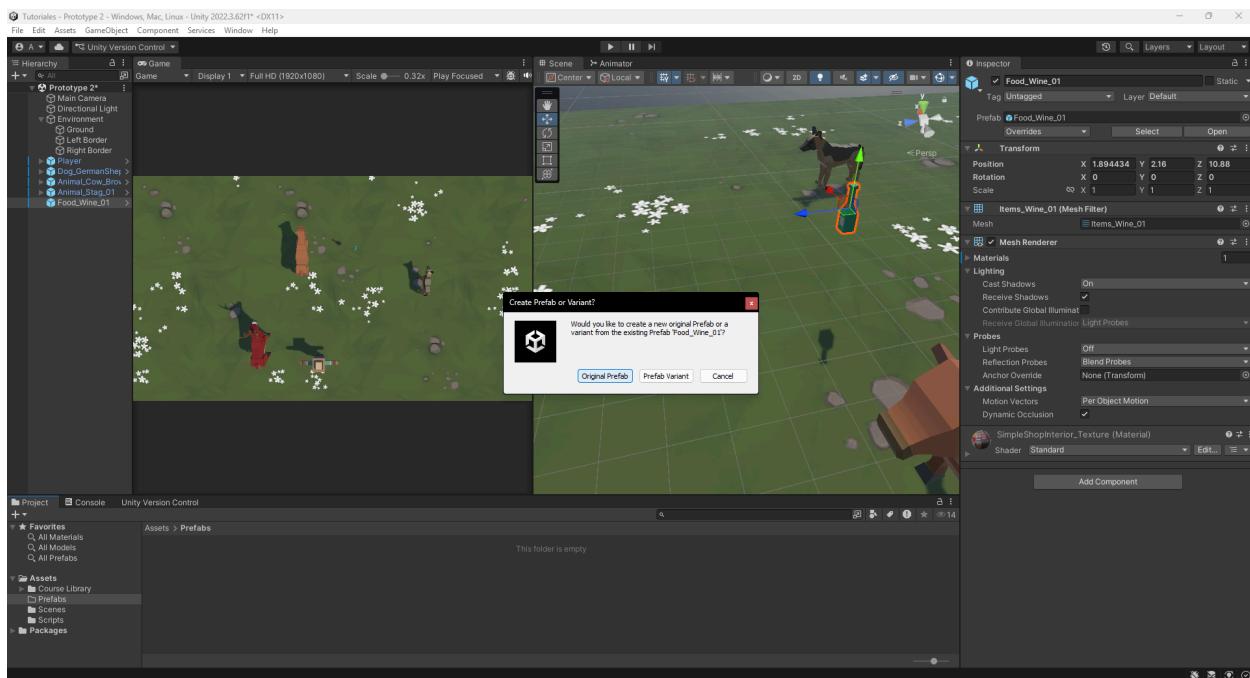
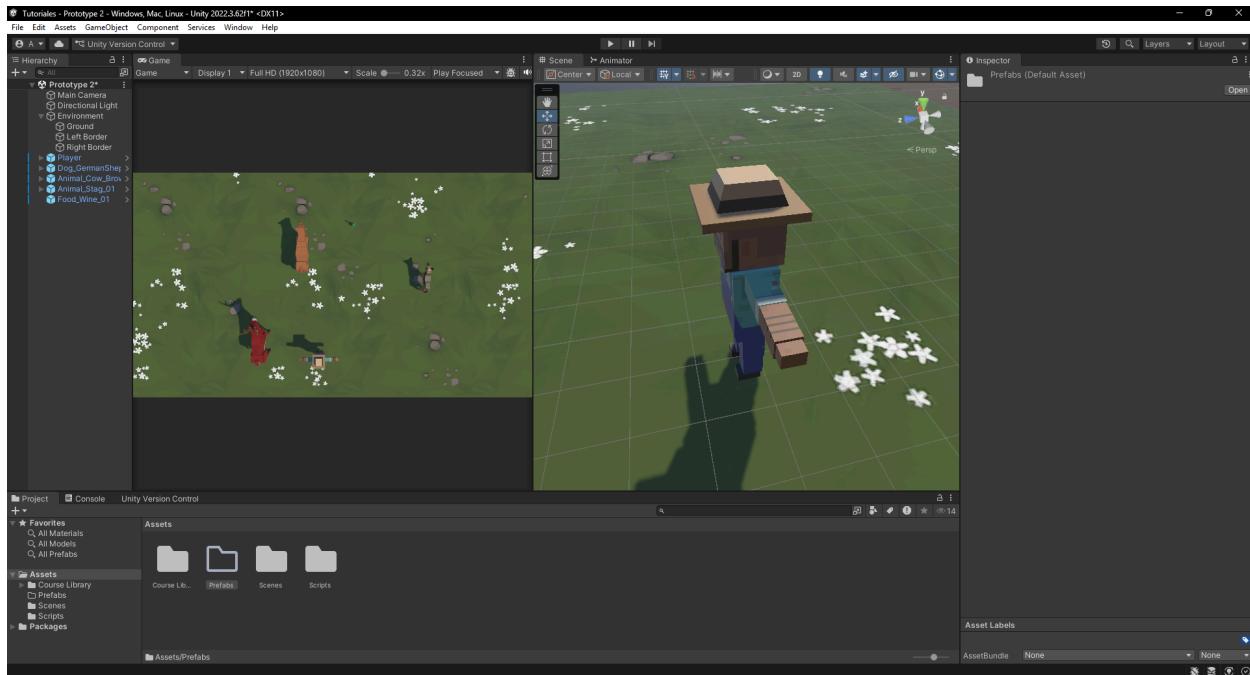
        if (transform.position.x > xrange)
        {
            transform.position = new Vector3(xrange, transform.position.y, transform.position.z);
        }
    }
}
```

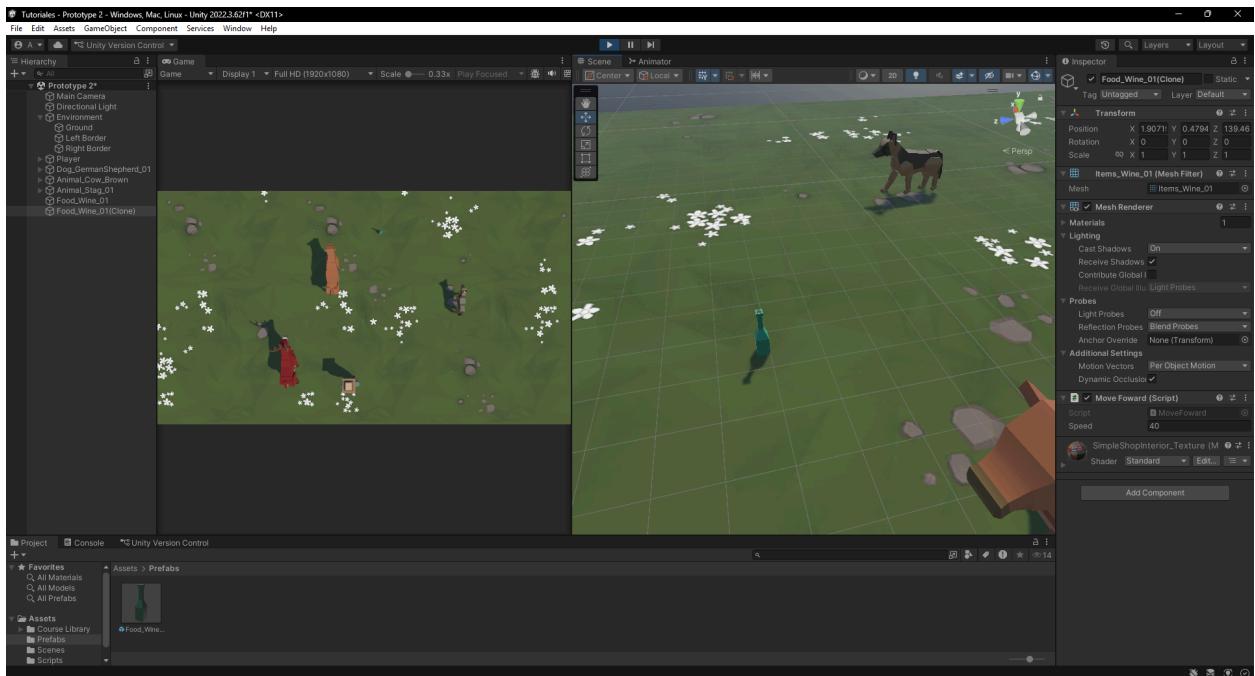
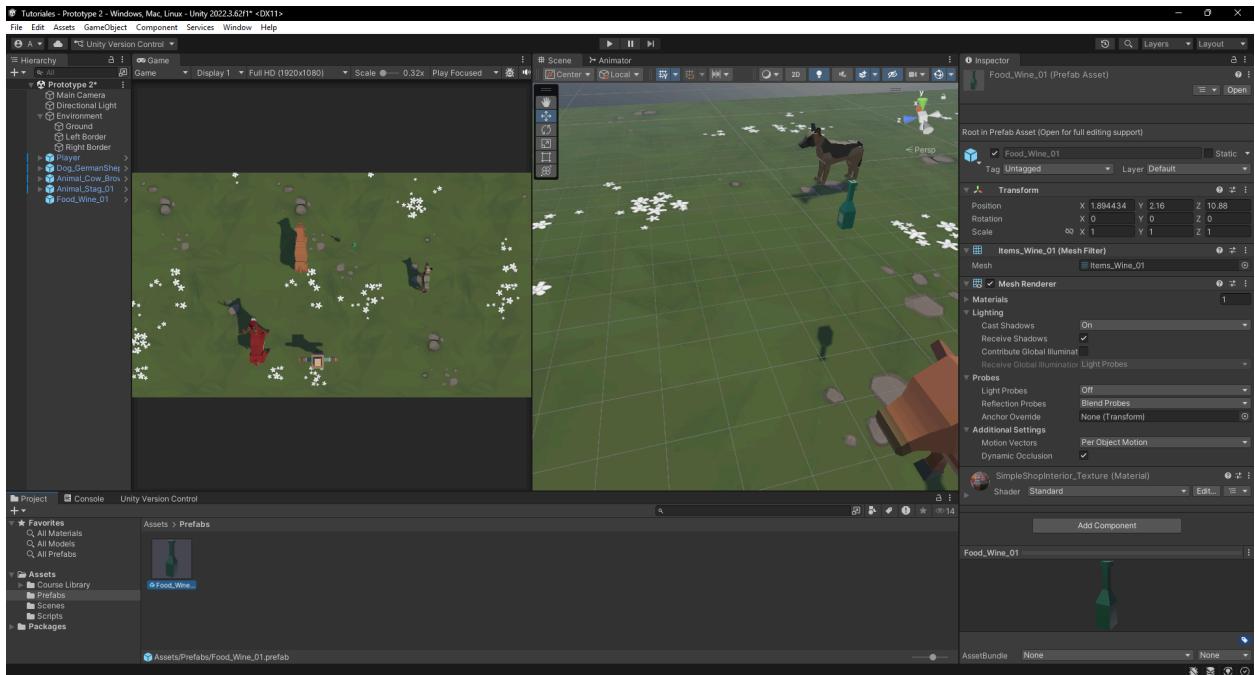
The screenshot shows the Unity Editor interface with the MoveForward.cs script open in the code editor. The GitHub Copilot panel is visible on the right side, displaying the same message: "Hola, soy GitHub Copilot. Uso el poder de la IA para ayudarte a:". Below this, there are buttons for "Programar en", "Compilación", "Explorar su código", and "Tutorial de GitHub Copilot". A link to "Regístrate en Copilot" and a Google sign-up button are also present.

```
using UnityEngine;
public class MoveForward : MonoBehaviour
{
    public float speed = 15f;

    void Update()
    {
        transform.Translate(Vector3.forward * Time.deltaTime * speed);
    }
}
```







The screenshot shows the Unity Editor interface with the code editor window open. The script being edited is `PlayerController.cs`. The code implements a `MoveForward` function that moves the player character horizontally based on input. It includes logic to limit the player's position within a range of `xRange`.

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

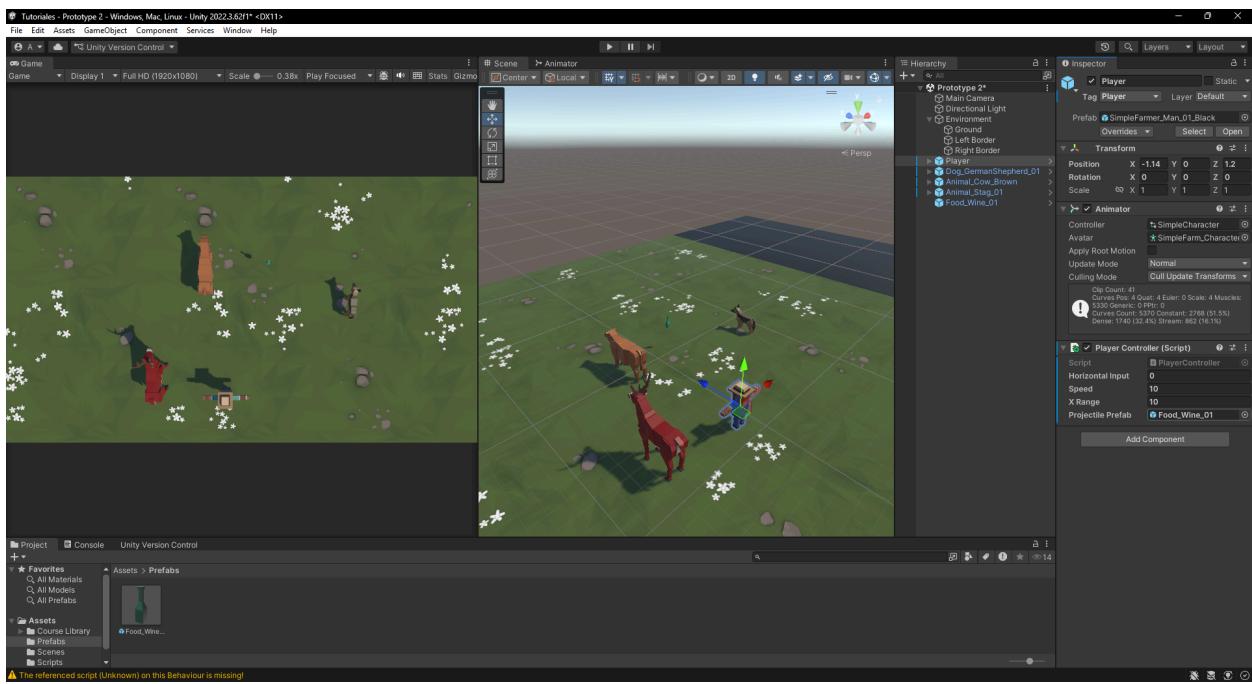
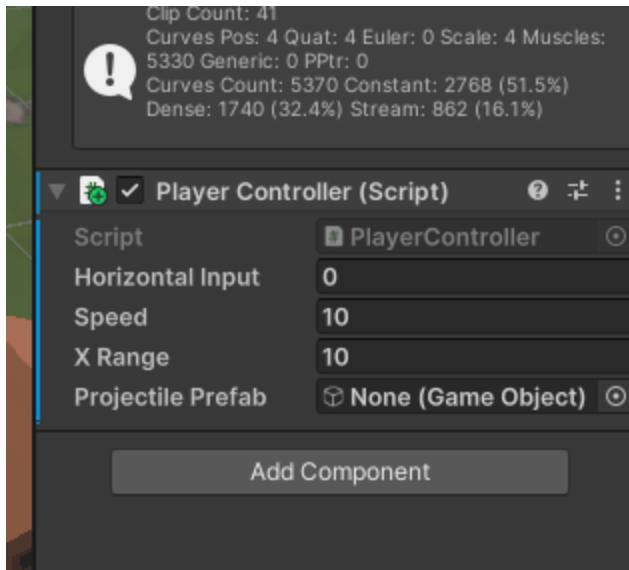
public class PlayerController : MonoBehaviour
{
    public float horizontalInput;
    public float speed = 10.0f;
    public float xRange = 10;

    public GameObject projectilePrefab;

    // Update is called once per frame
    void Update()
    {
        horizontalInput = Input.GetAxis("Horizontal");
        transform.Translate(Vector3.right * horizontalInput * Time.deltaTime * speed);

        if (transform.position.x < -xRange)
        {
            transform.position = new Vector3(
                -xRange,
                transform.position.y,
                transform.position.z
            );
        }

        // Right side limit
        if (transform.position.x > xRange)
        {
            transform.position = new Vector3(
                xRange,
                transform.position.y,
                transform.position.z
            );
        }
    }
}
```



PlayerController.cs

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

// Script de Unity | 0 referencias
public class PlayerController : MonoBehaviour
{
    public float horizontalInput;
    public float speed = 10.0f;
    public float xRange = 10;
    public GameObject projectilePrefab;

    // Update is called once per frame
    // Se ha eliminado la referencia
    void update()
    {
        horizontalInput = Input.GetAxis("Horizontal");
        transform.Translate(Vector3.right * horizontalInput * Time.deltaTime * speed);

        if (transform.position.x < -xRange)
        {
            transform.position = new Vector3(
                -xRange,
                transform.position.y,
                transform.position.z
            );
        }

        if (transform.position.x > xRange)
        {
            transform.position = new Vector3(
                xRange,
                transform.position.y,
                transform.position.z
            );
        }

        if (Input.GetKeyDown(KeyCode.Space))
        {
        }
    }
}
```

PlayerController.cs

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

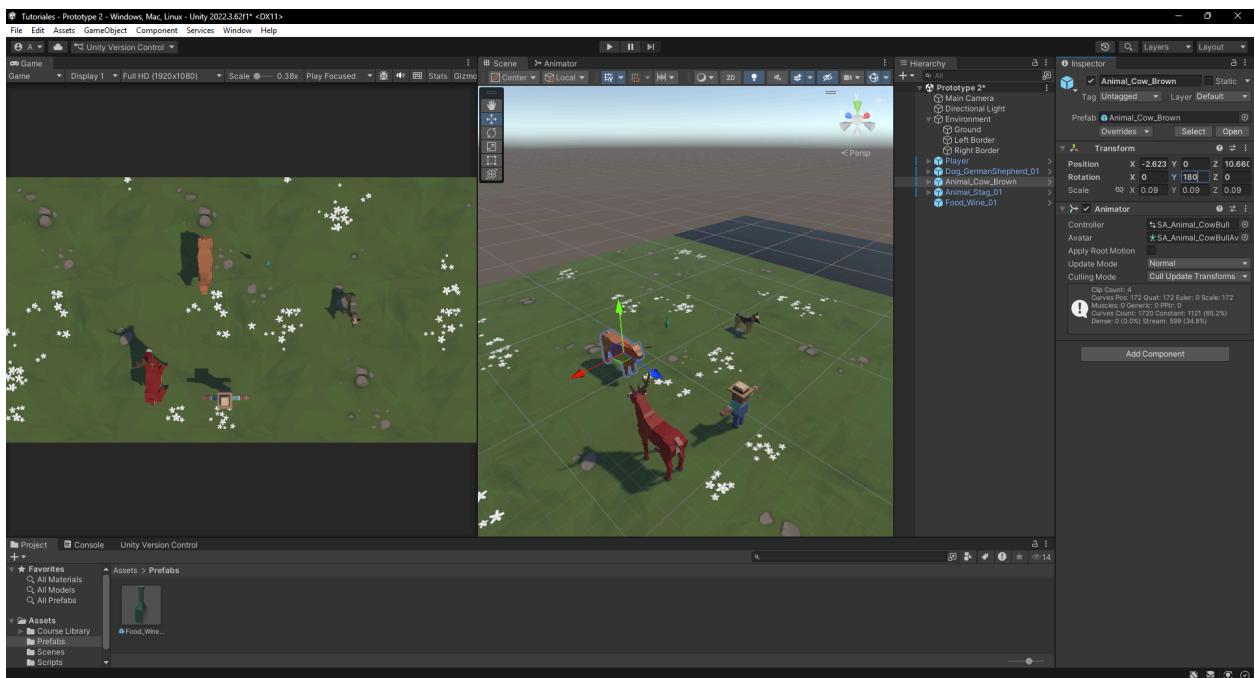
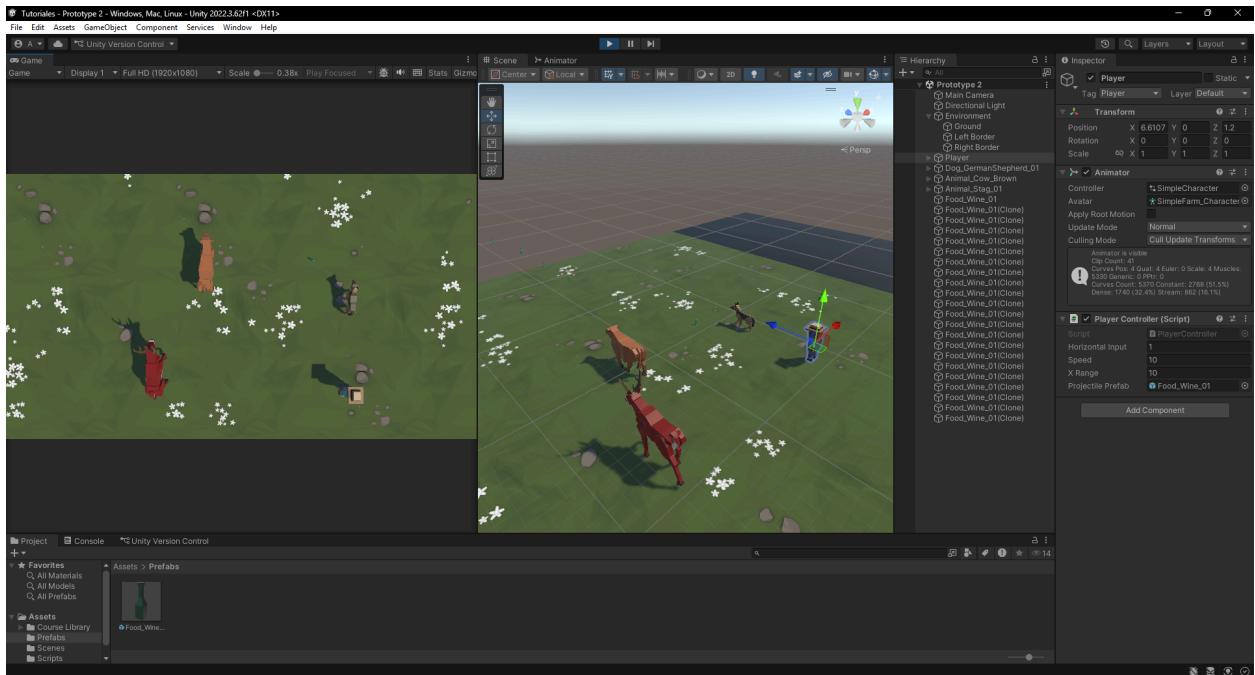
// Script de Unity | 1 referencia de recurso | 0 referencias
public class PlayerController : MonoBehaviour
{
    public float horizontalInput;
    public float speed = 10.0f;
    public float xRange = 10;
    public GameObject projectilePrefab;

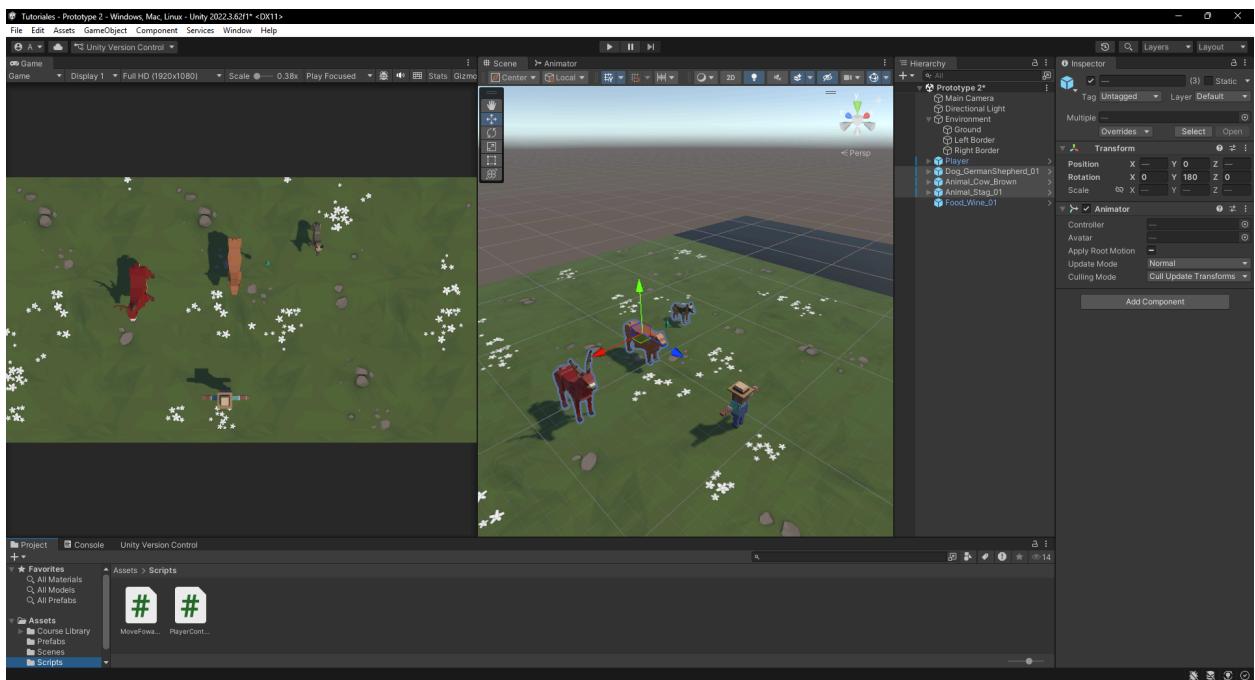
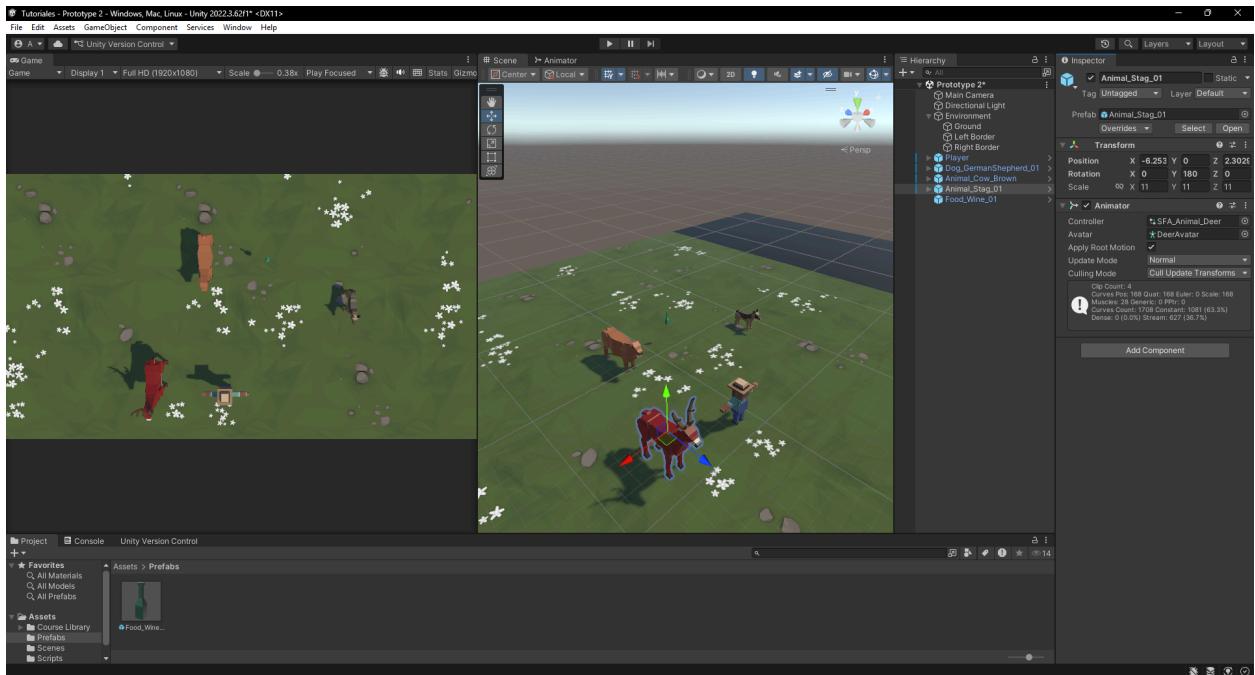
    // Update is called once per frame
    // Se ha eliminado la referencia
    void update()
    {
        horizontalInput = Input.GetAxis("Horizontal");
        transform.Translate(Vector3.right * horizontalInput * Time.deltaTime * speed);

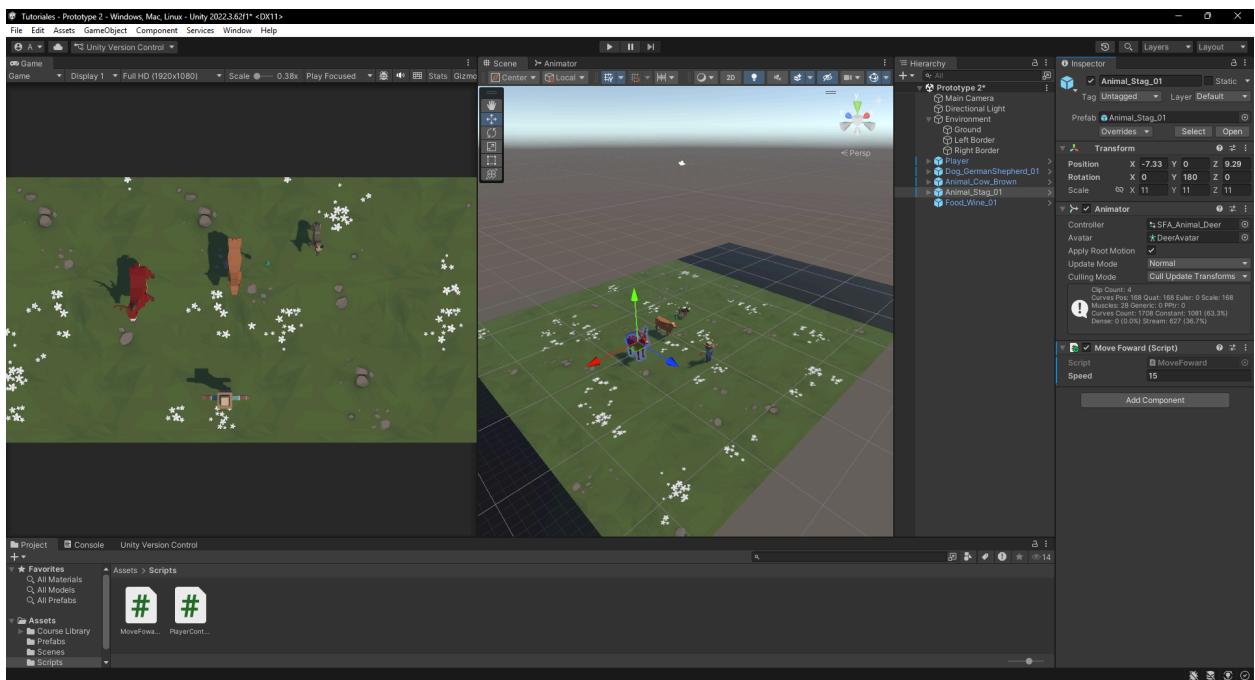
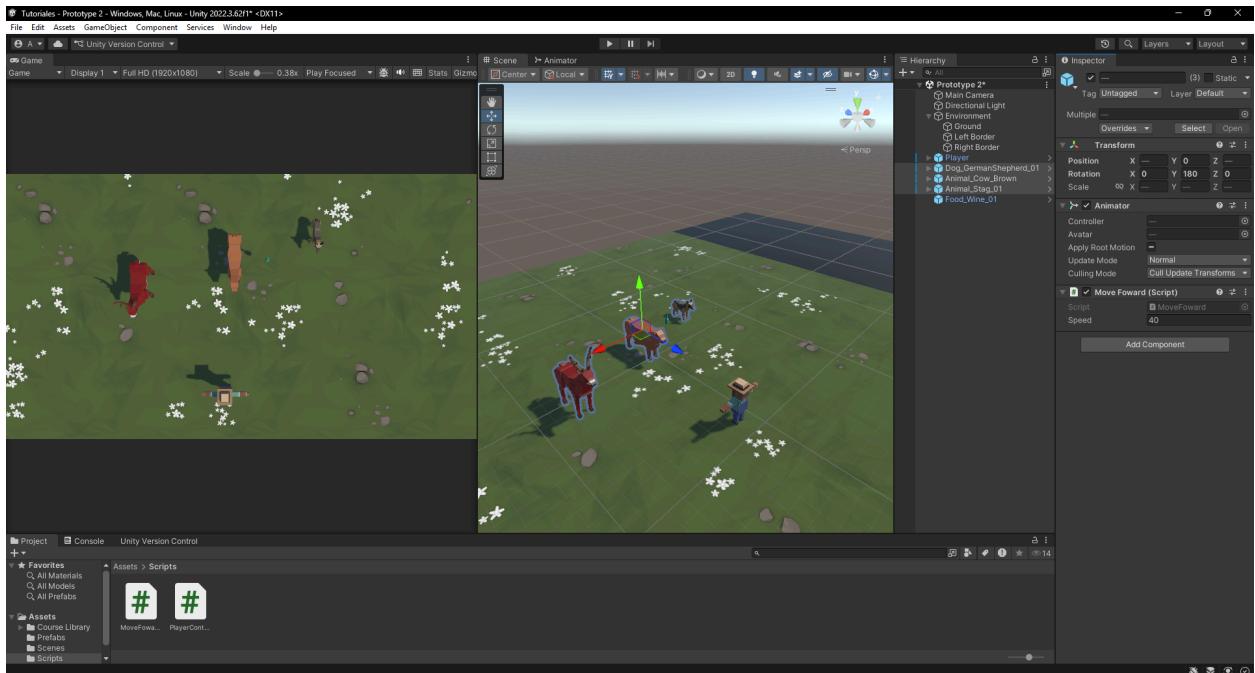
        if (transform.position.x < -xRange)
        {
            transform.position = new Vector3(
                -xRange,
                transform.position.y,
                transform.position.z
            );
        }

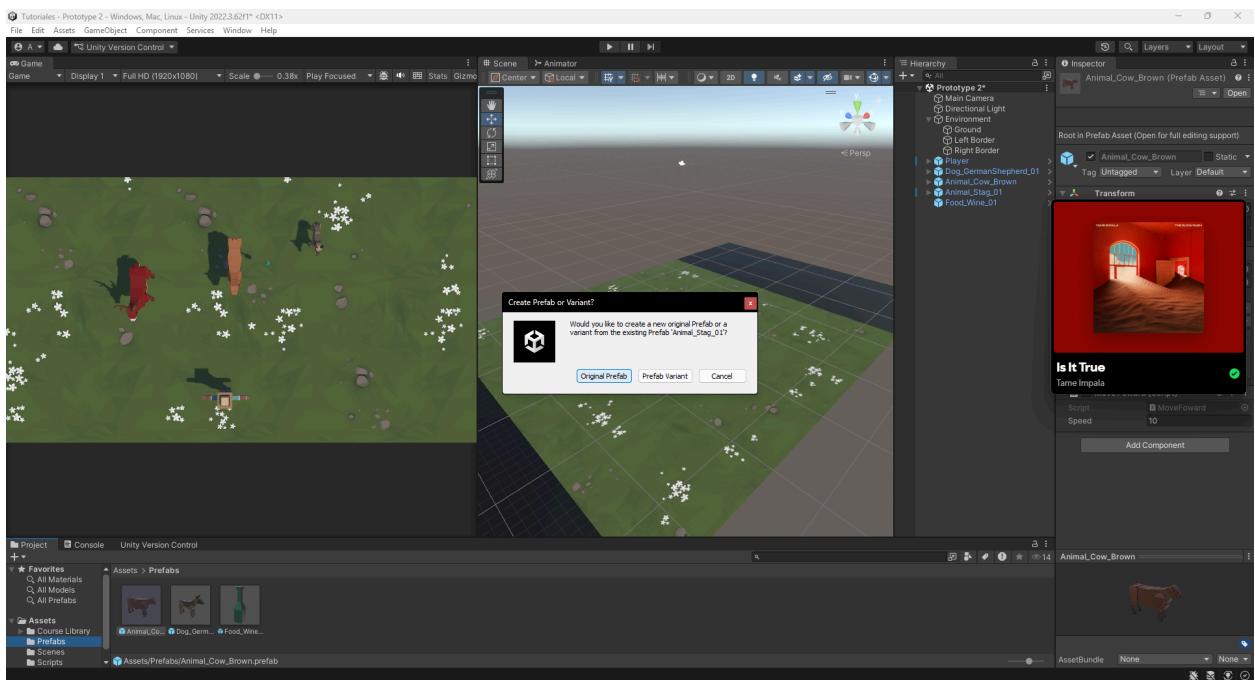
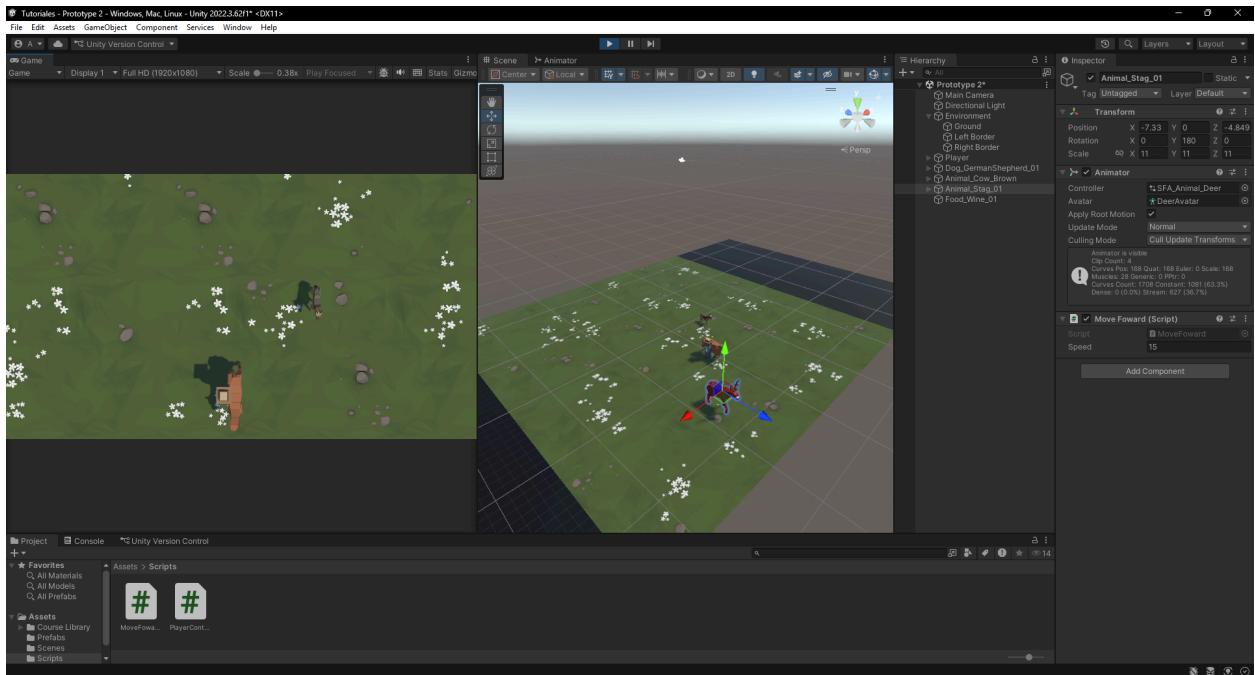
        if (transform.position.x > xRange)
        {
            transform.position = new Vector3(
                xRange,
                transform.position.y,
                transform.position.z
            );
        }

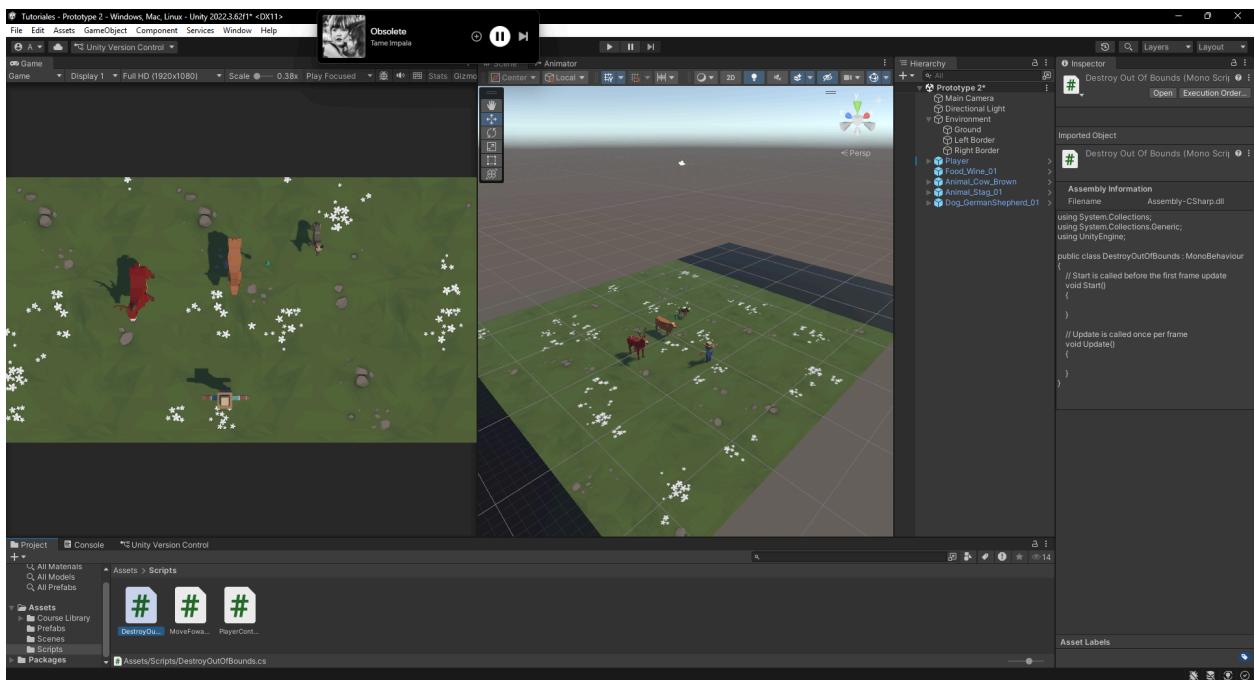
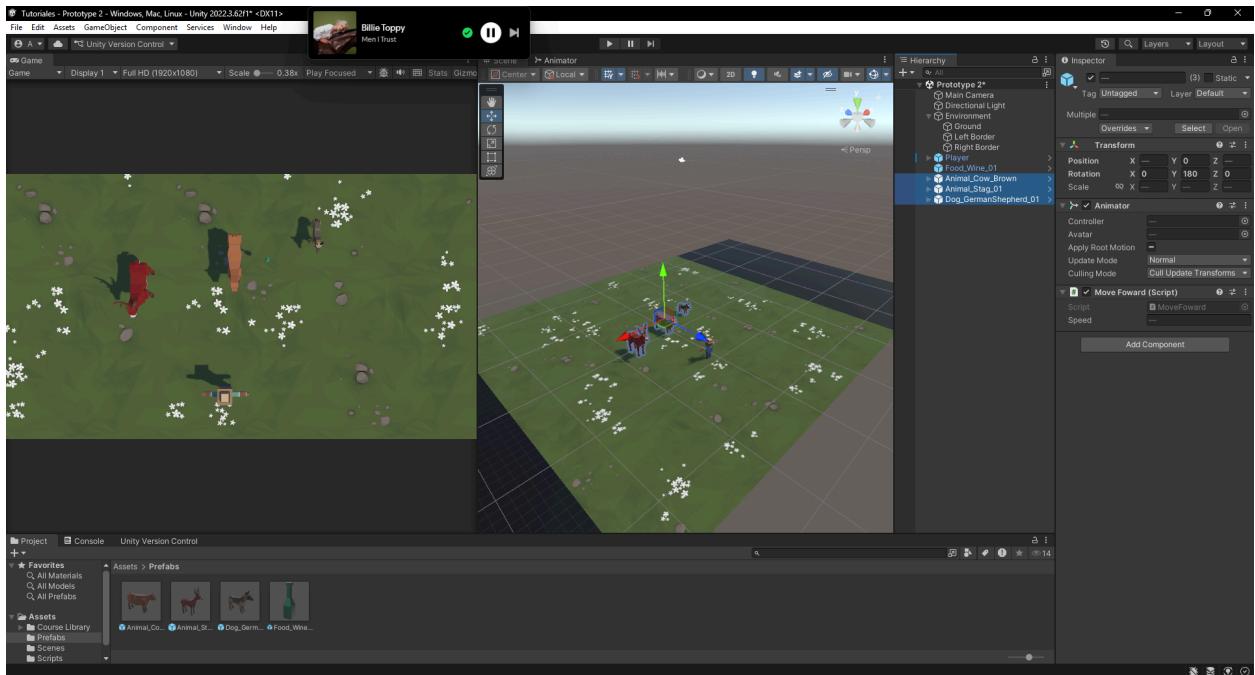
        if (Input.GetKeyDown(KeyCode.Space))
        {
            Instantiate(projectilePrefab, transform.position, projectilePrefab.transform.rotation);
        }
    }
}
```











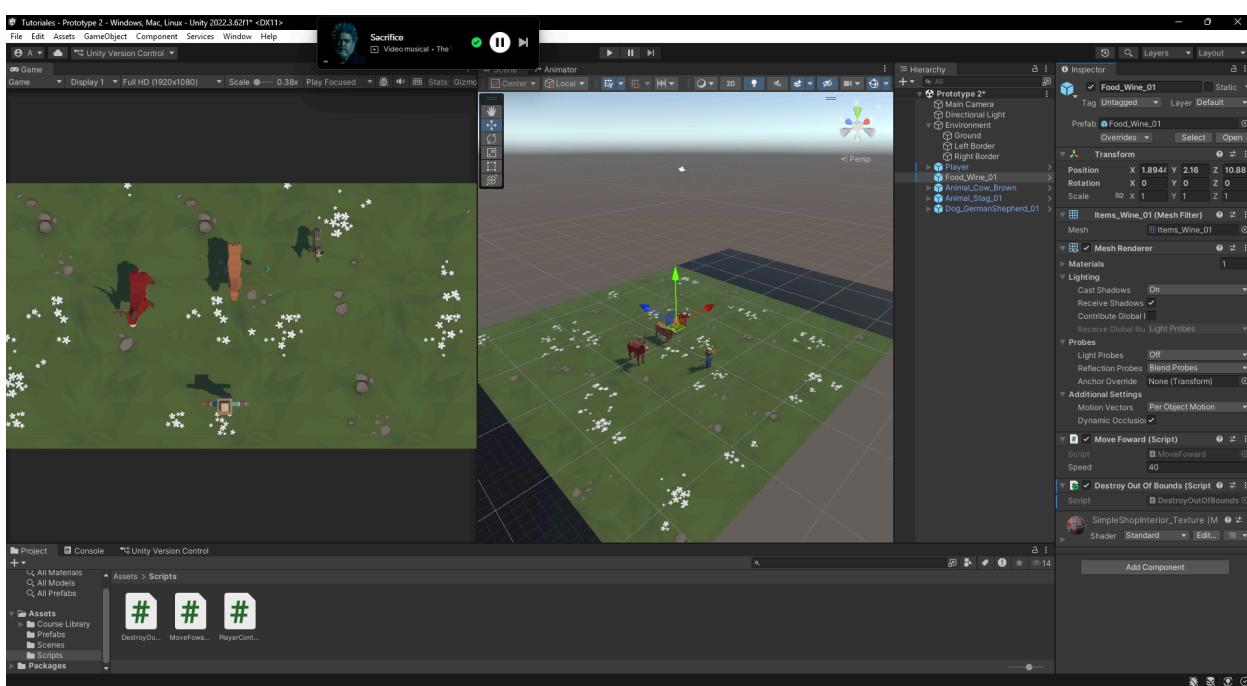
The screenshot shows the Unity Editor interface. The top menu bar includes Archivo, Editar, Ver, Git, Proyecto, Compilar, Depurar, Analizar, Debug Any CPU, and Gene Impala. The title bar says "DestroyOutOfBounds.cs" and "Tutoriales". The code editor displays the following C# script:

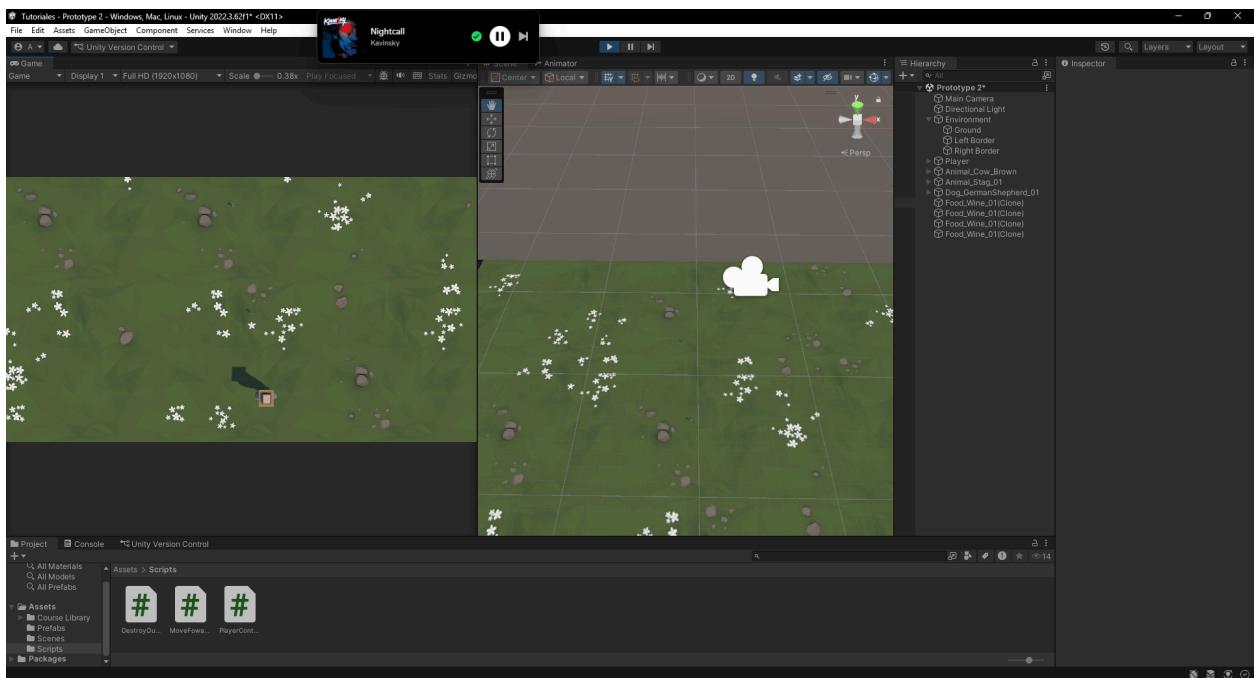
```
using System.Collections;
using System.Collections.Generic;
using UnityEngine;

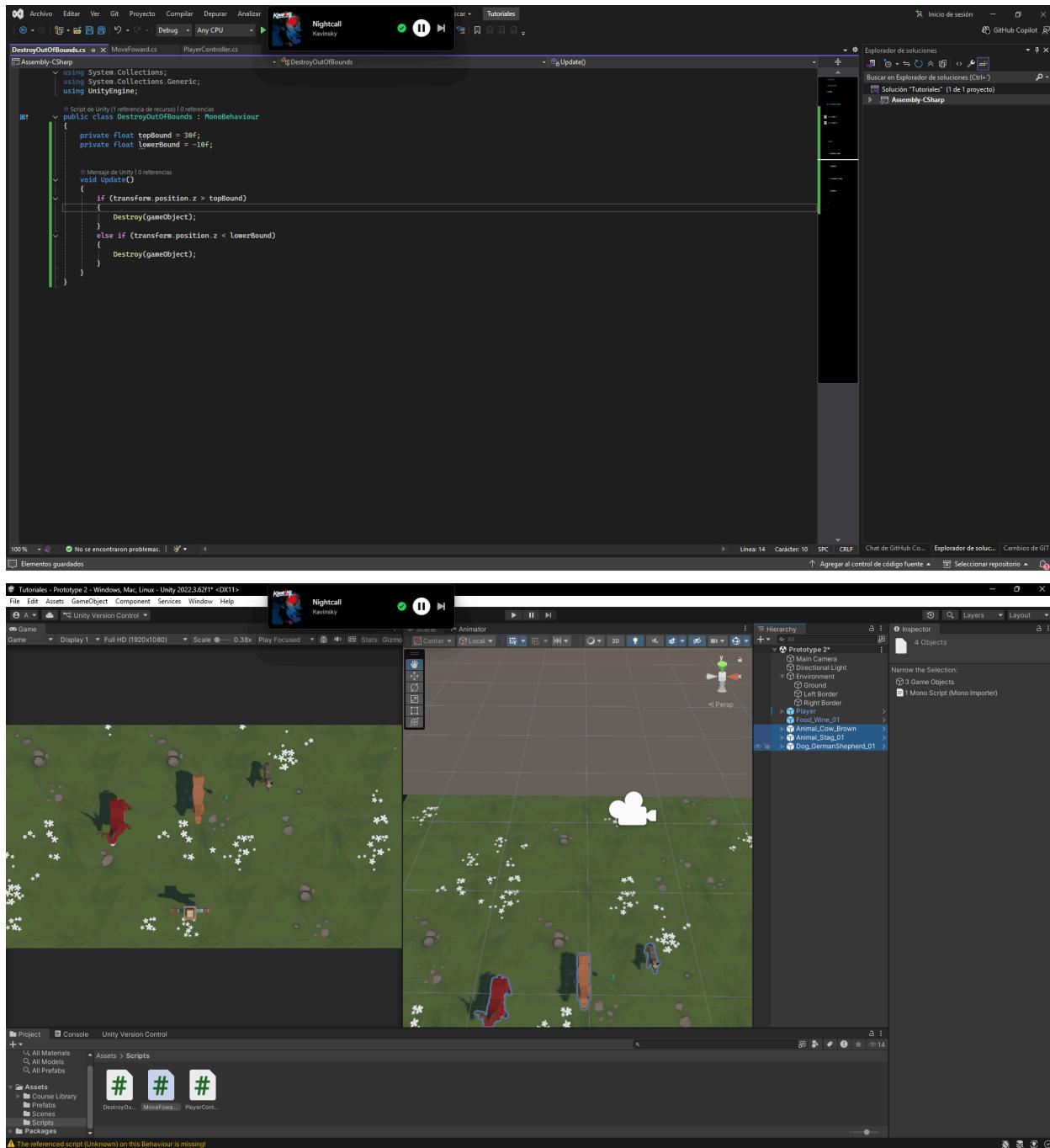
public class DestroyOutOfBounds : MonoBehaviour
{
    private float topBound = 30f;

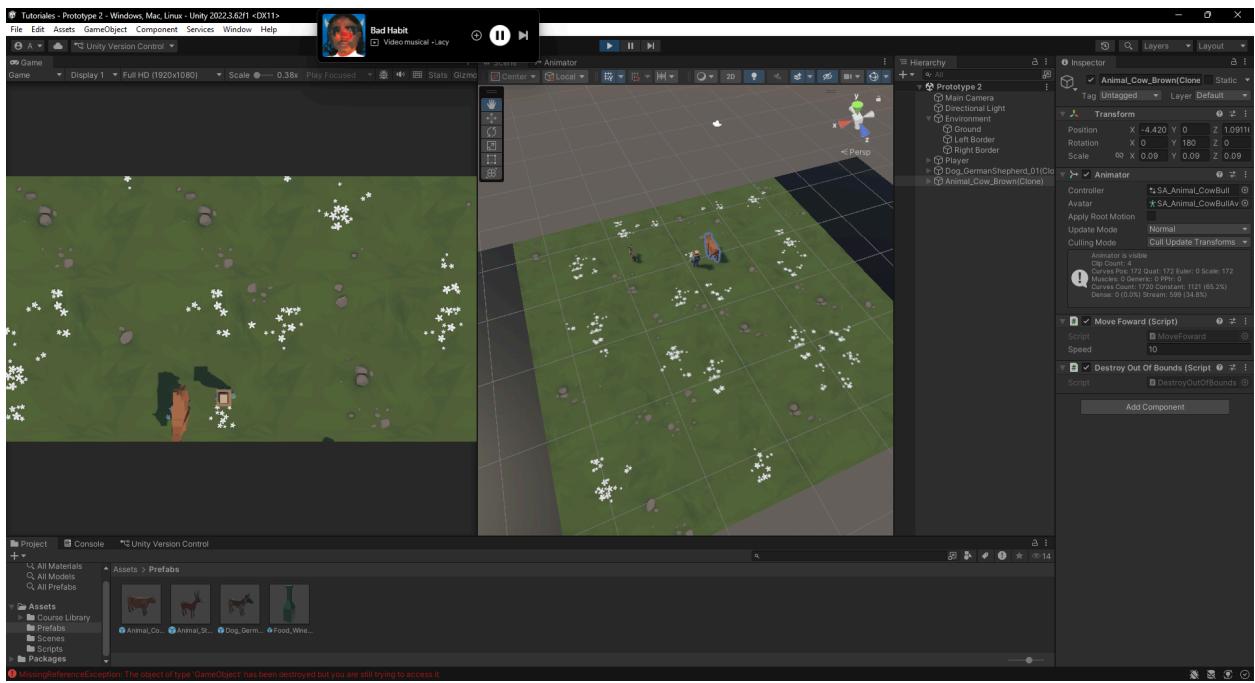
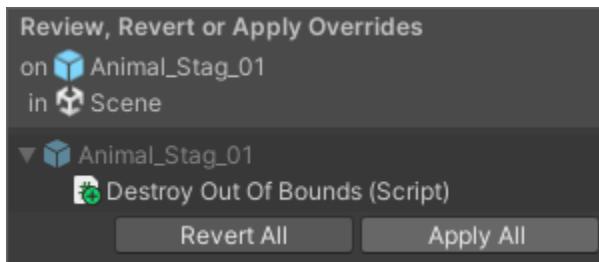
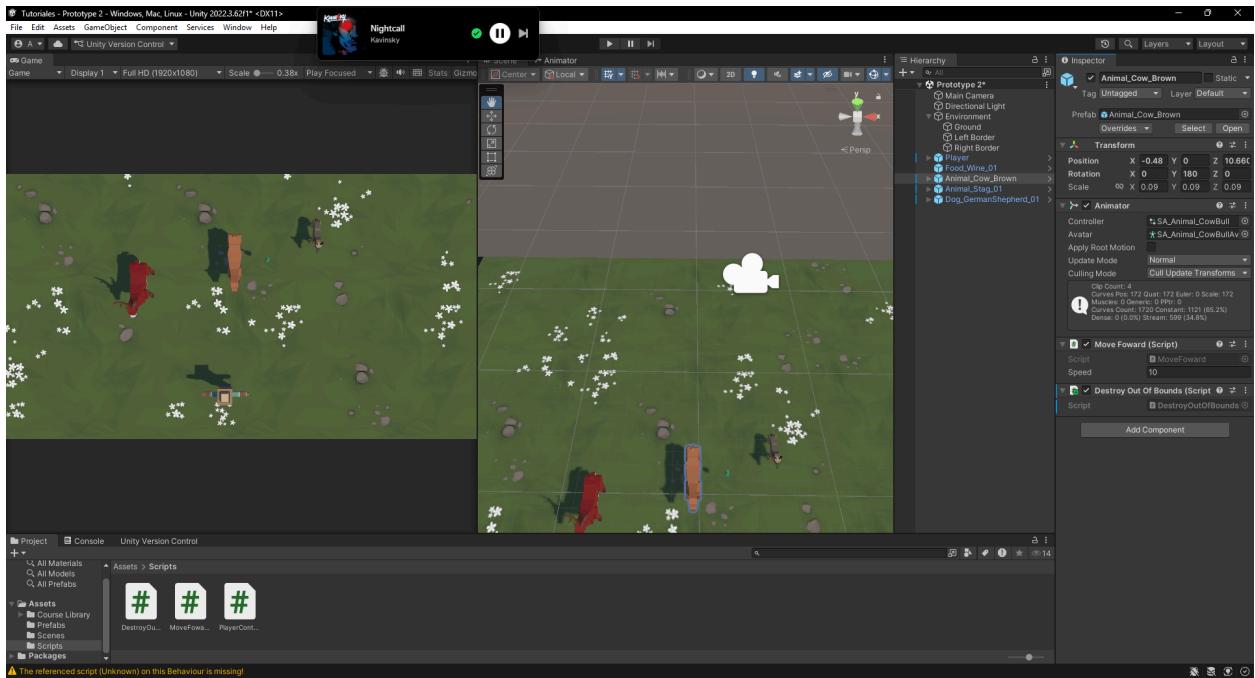
    void Update()
    {
        if (transform.position.z > topBound)
        {
            Destroy(gameObject);
        }
    }
}
```

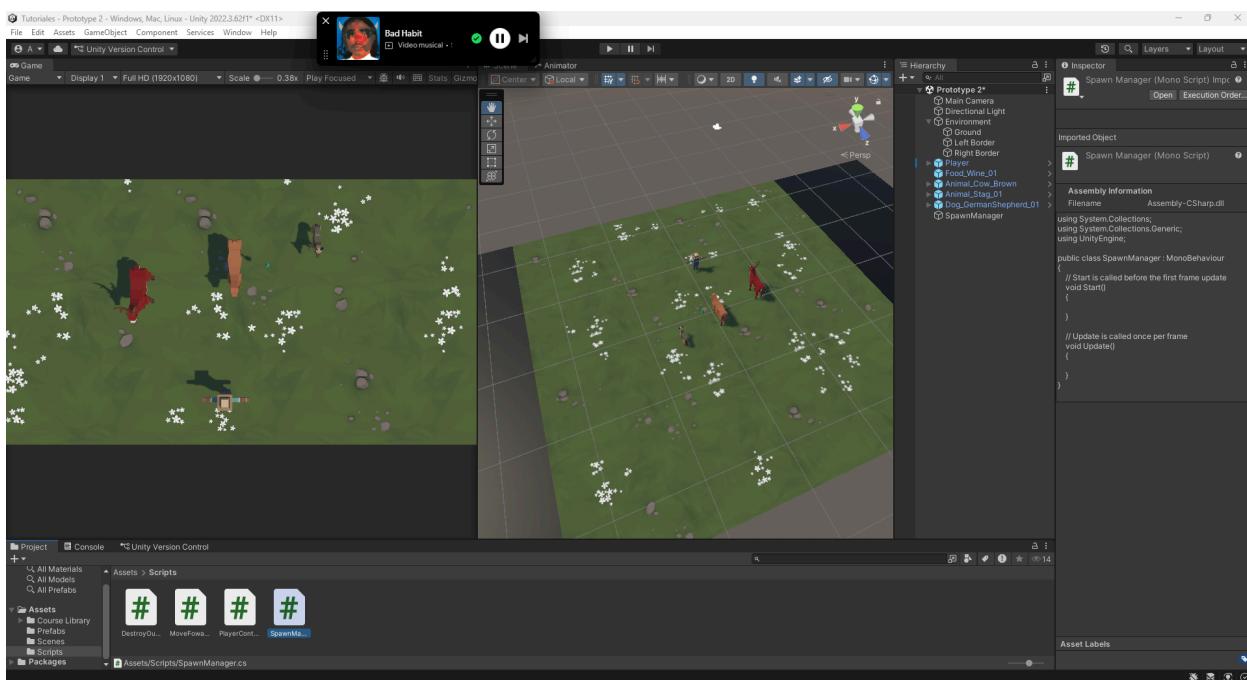
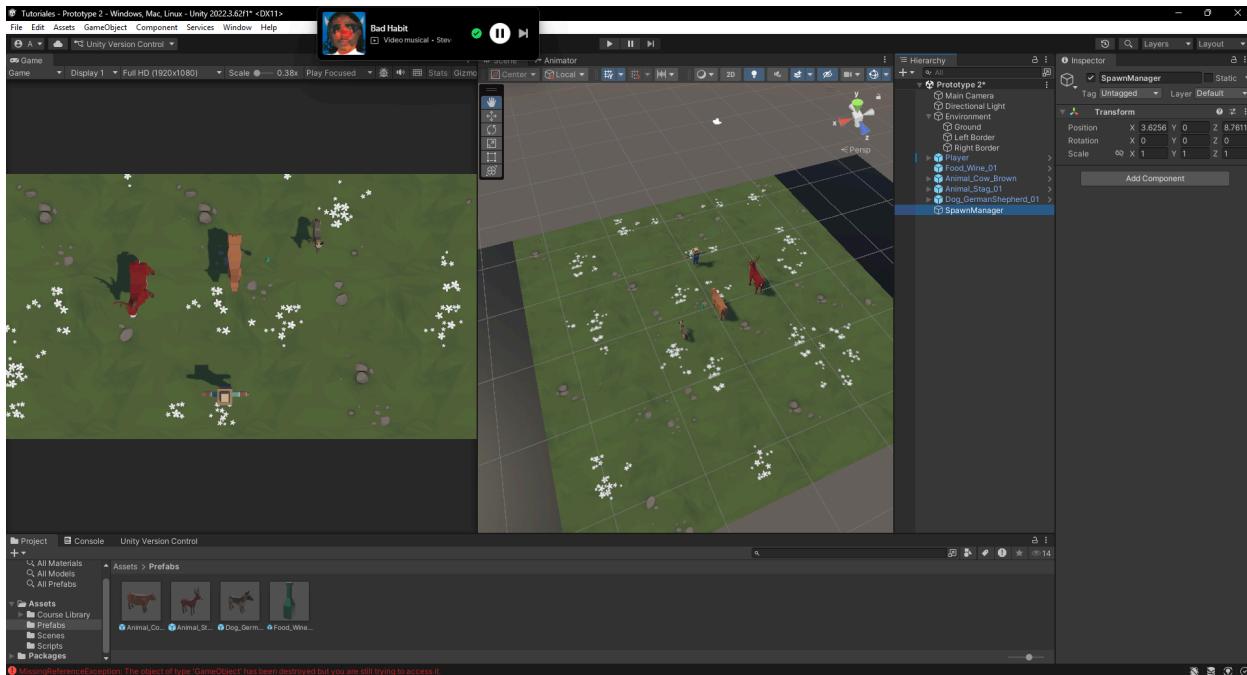
The right side of the screen shows the "Explorador de soluciones" (Solution Explorer) with "Assembly-CSharp" selected. The bottom status bar shows "100%" and "No se encontraron problemas".

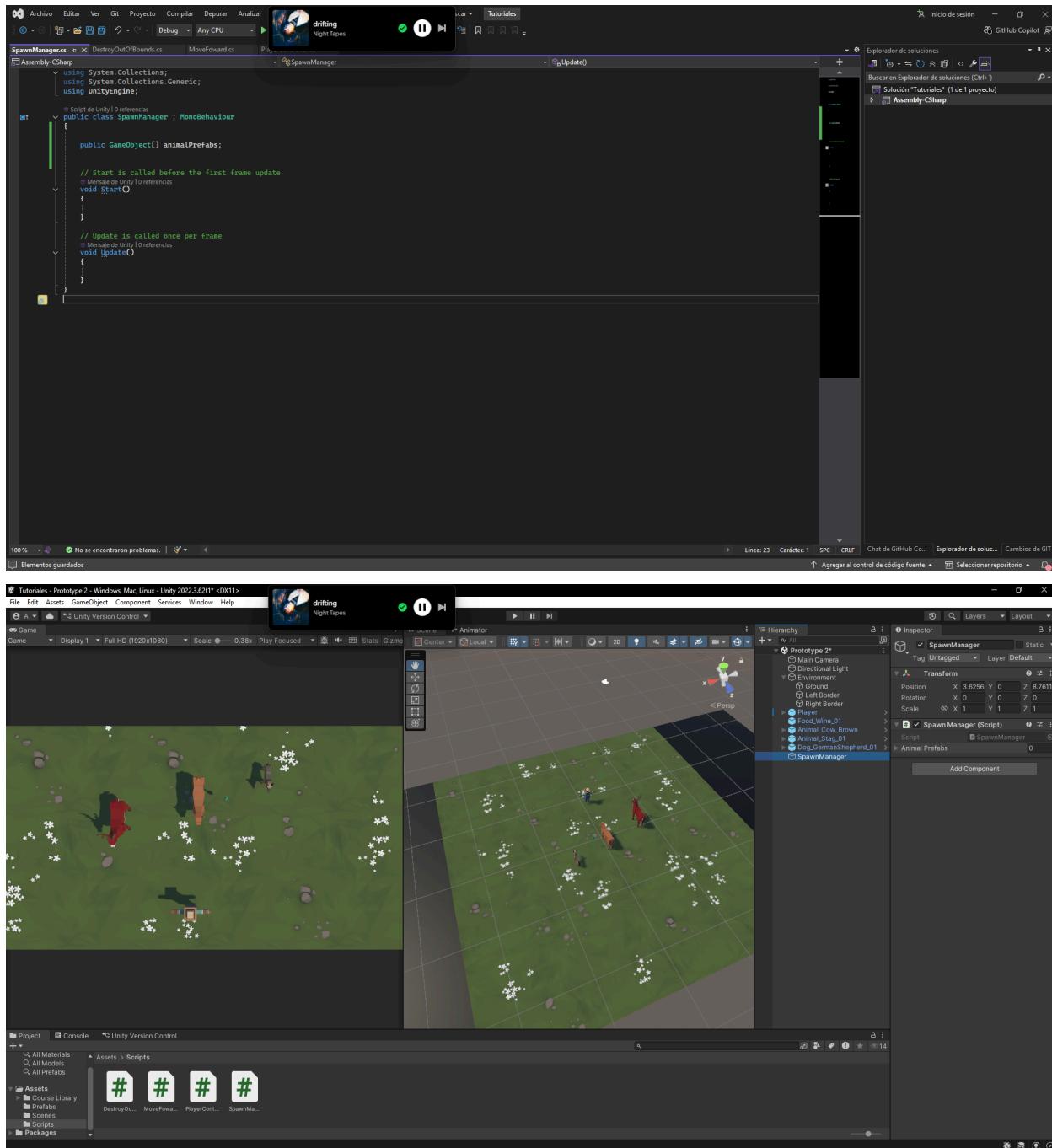


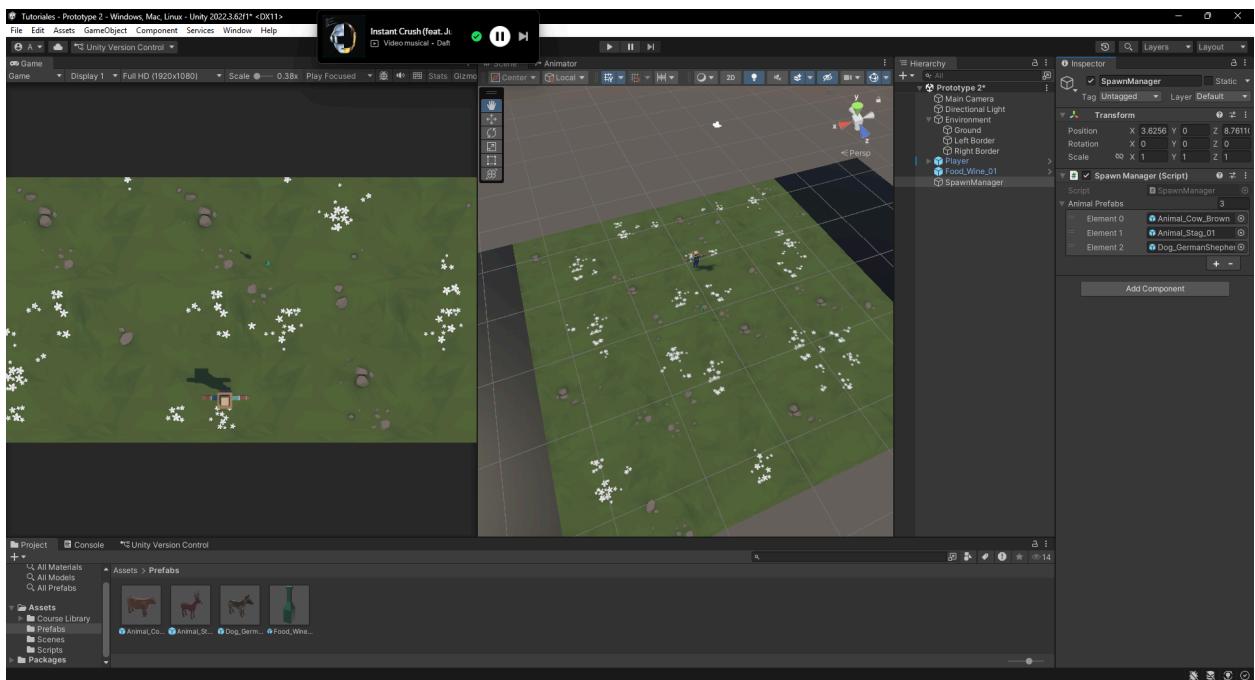
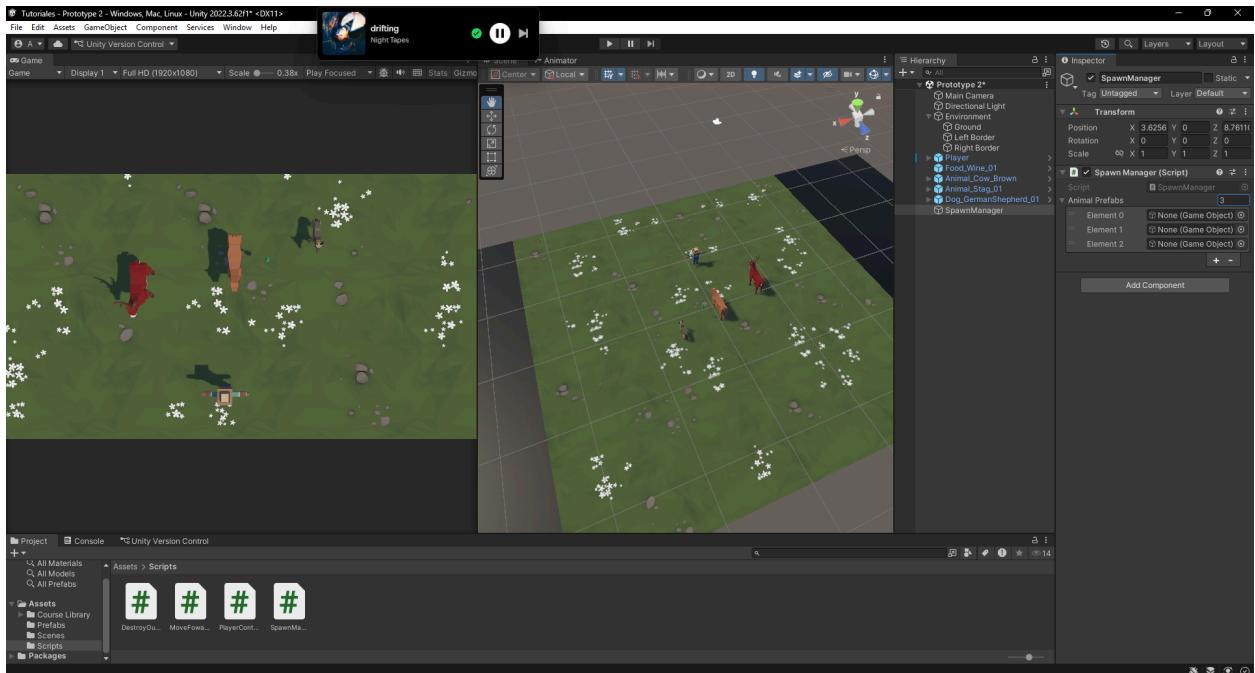


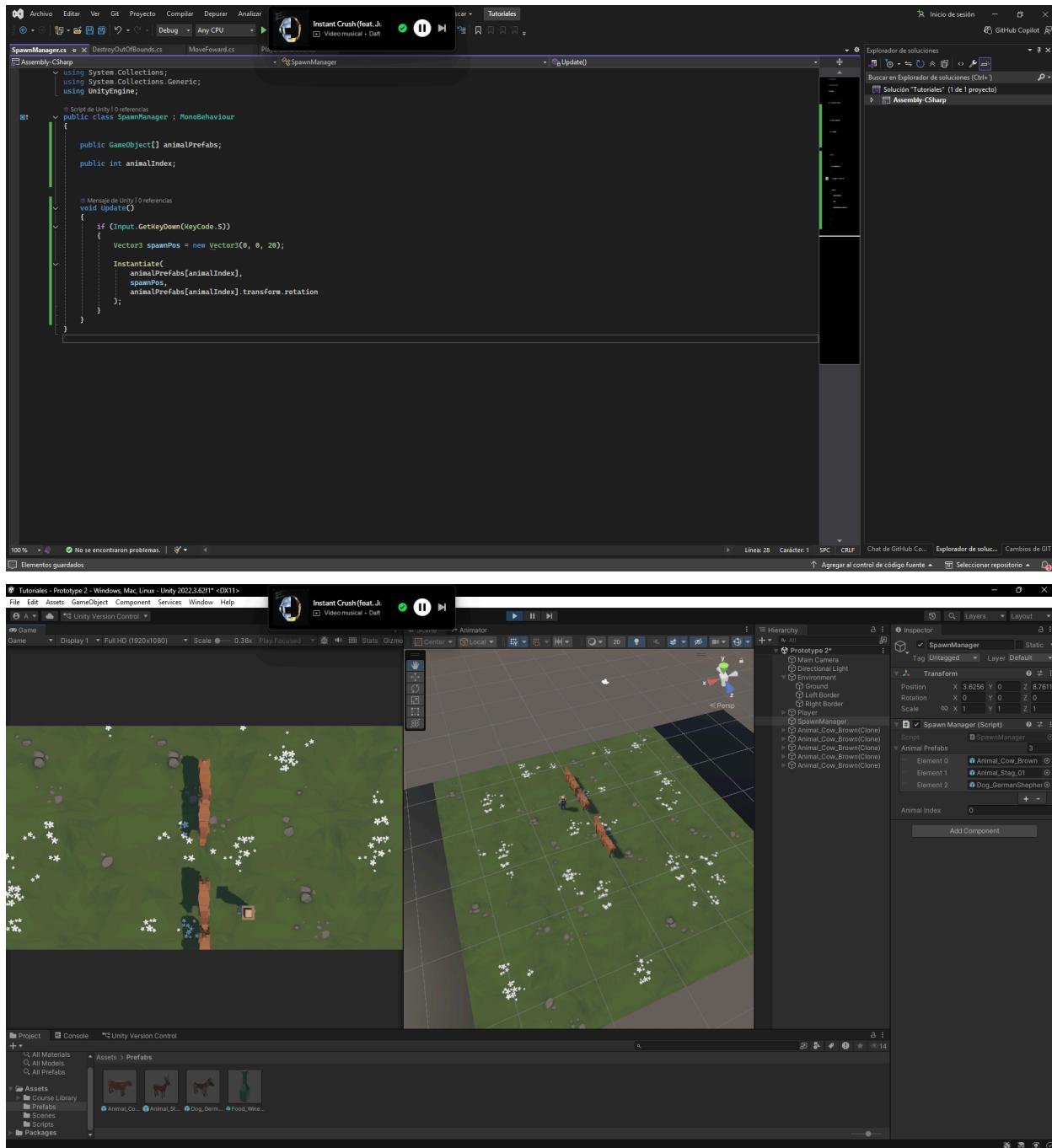


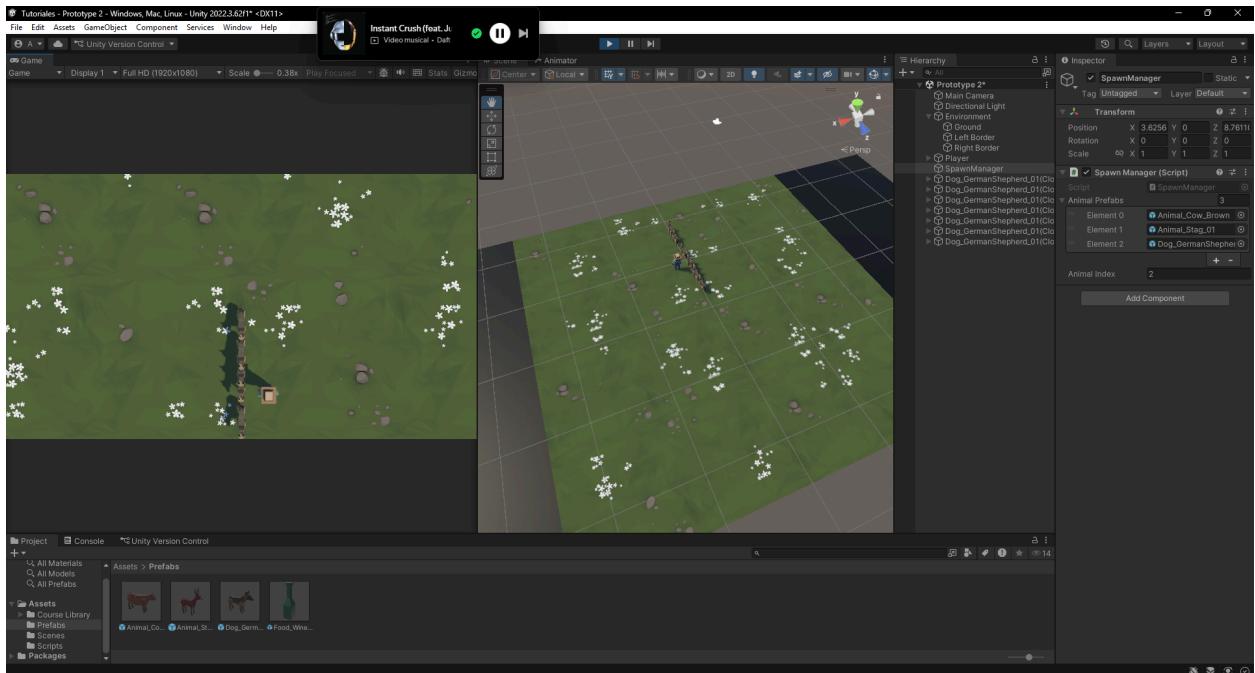












Archivo Editar Ver Git Proyecto Compilar Depurar Analizar Sweater Weather Tutorials

Assembly-CSharp.cs x DestroyOutOfBounds.cs MoveForward.cs

SpawnManager.cs x SpawnManager.cs

```

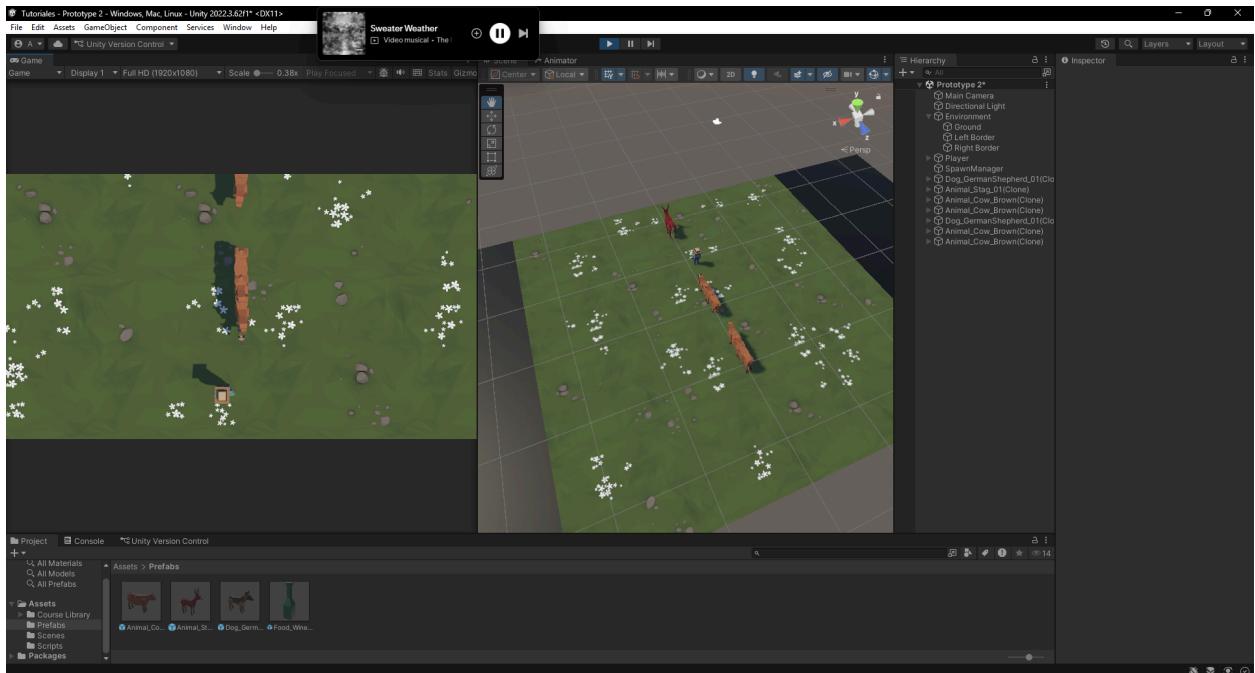
using System.Collections;
using System.Collections.Generic;
using UnityEngine;

public class SpawnManager : MonoBehaviour
{
    public GameObject[] animalPrefabs;

    void Update()
    {
        if (Input.GetKeyDown(KeyCode.S))
        {
            int animalIndex = Random.Range(0, animalPrefabs.Length);
            Vector3 spawnPos = new Vector3(0, 0, 20);

            Instantiate(
                animalPrefabs[animalIndex],
                spawnPos,
                animalPrefabs[animalIndex].transform.rotation
            );
        }
    }
}

```



Archivo Editar Ver Git Proyecto Compilar Depurar Analizar

SpawnManager.cs - DestroyOutOfBounds.cs MoveForward.cs

Assembly-CSharp

```

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

public class SpawnManager : MonoBehaviour
{
    public GameObject[] animalPrefabs;
    private float spawnRangeX = 20f;
    private float spawnPosZ = 20f;

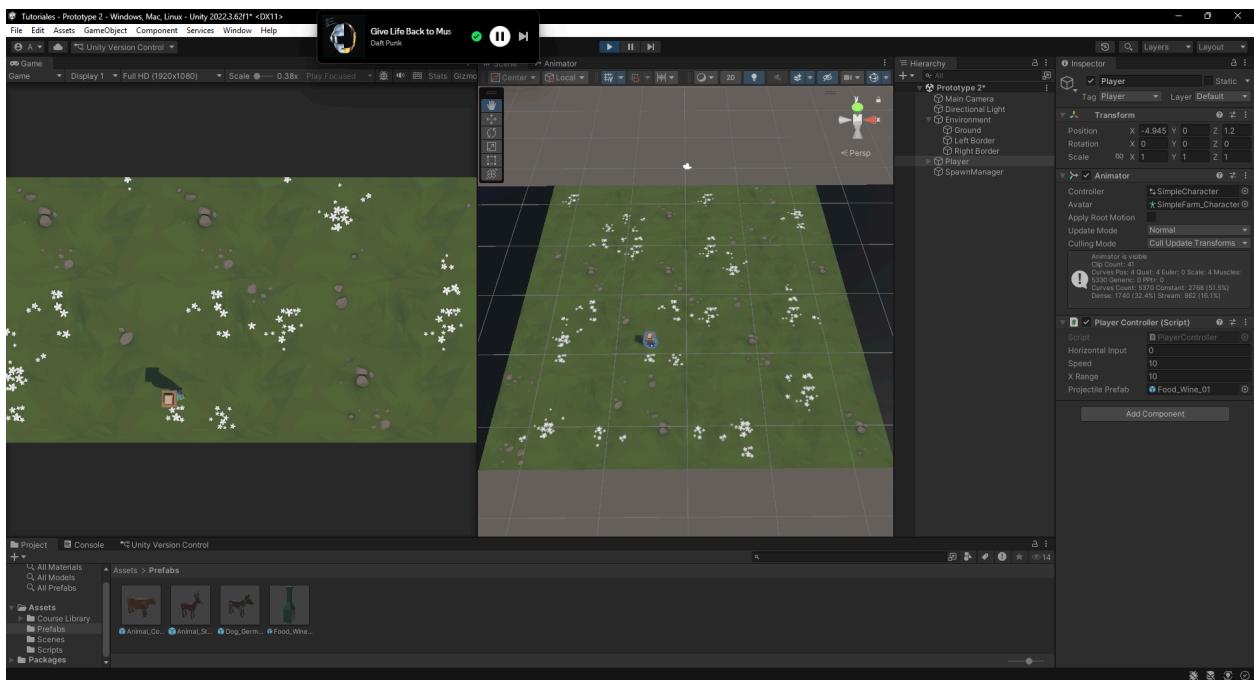
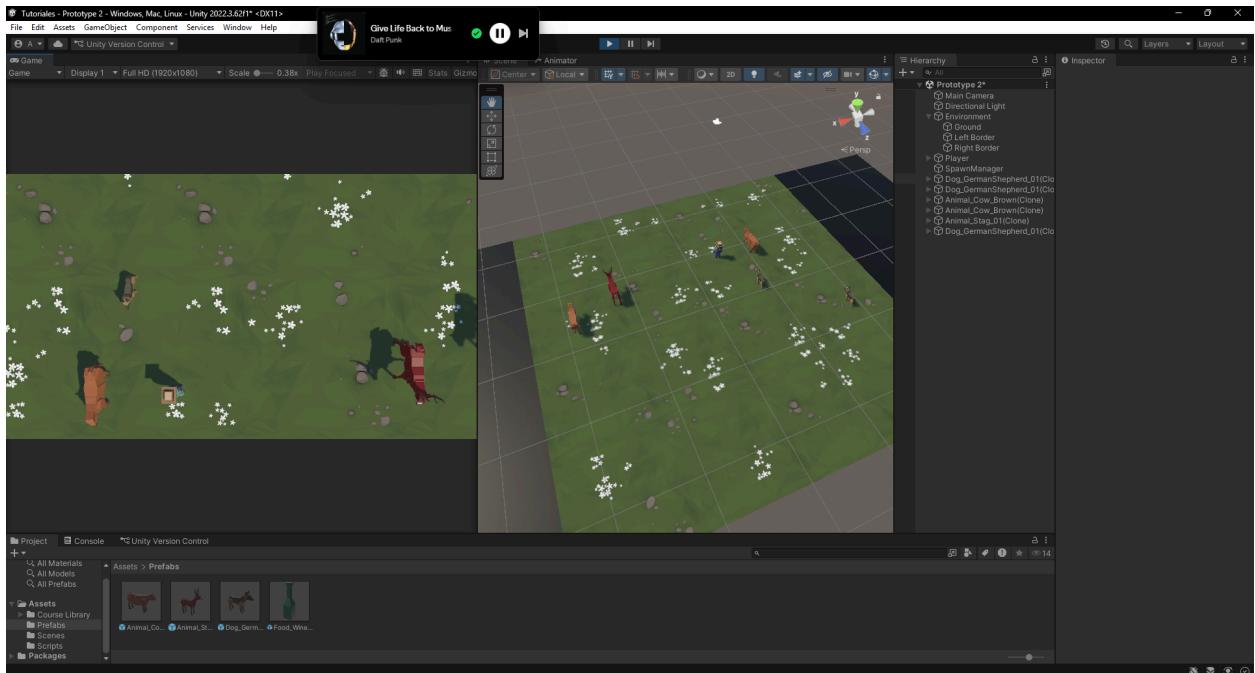
    void Update()
    {
        if (Input.GetKeyDown(KeyCode.S))
        {
            int animalIndex = Random.Range(0, animalPrefabs.Length);
            Vector3 spawnPos = new Vector3(
                Random.Range(-spawnRangeX, spawnRangeX),
                0,
                spawnPosZ
            );
            Instantiate(
                animalPrefabs[animalIndex],
                spawnPos,
                animalPrefabs[animalIndex].transform.rotation
            );
        }
    }
}

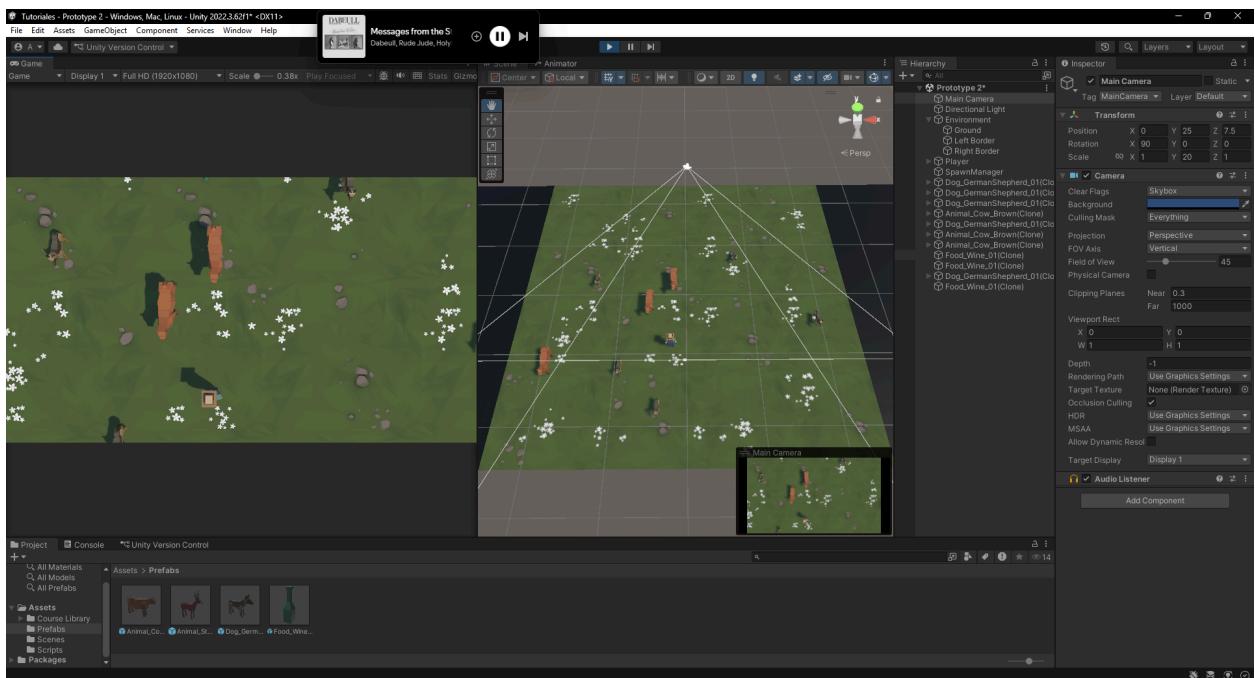
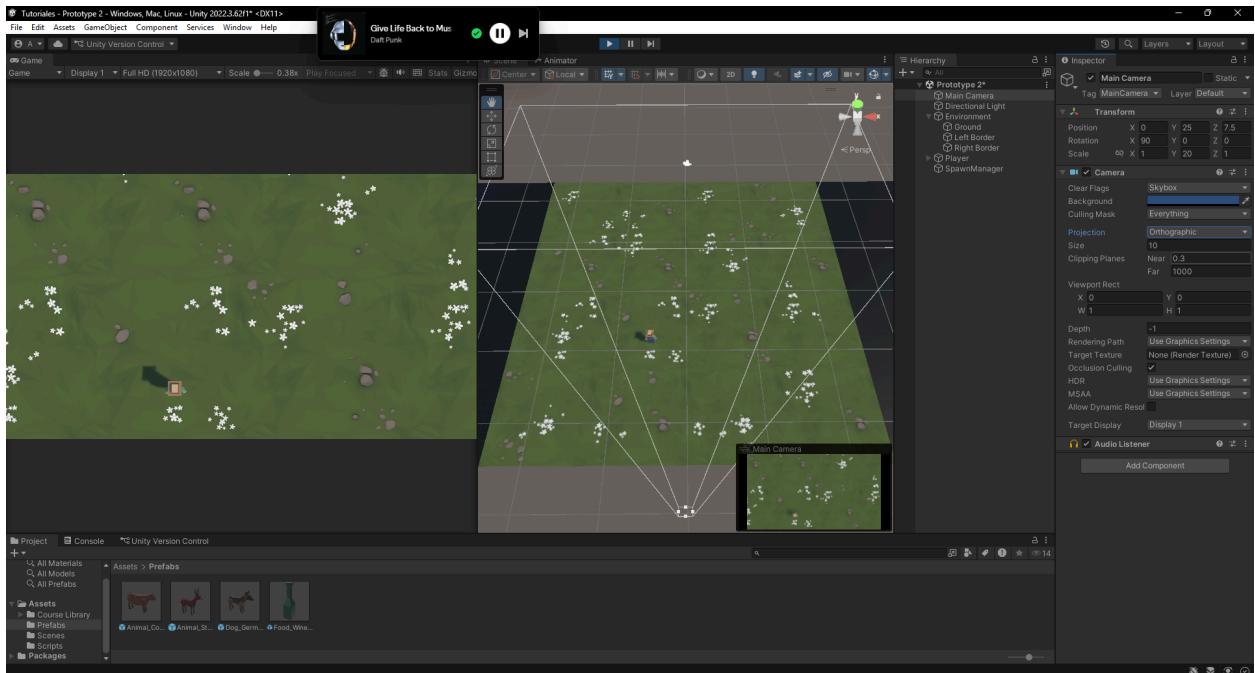
```

Explorador de soluciones

Solución "Tutoriales" (1 de 1 proyectos)

Assembly-CSharp





The screenshot shows the Unity Editor interface. The top menu bar includes Archivo, Editar, Ver, Git, Proyecto, Compilar, Depurar, Analizar, and Inicio de sesión. The code editor window displays a C# script named `SpawnManager.cs` under the `Assembly-CSharp` namespace. The script contains methods `Start()` and `SpawnRandomAnimal()`. The `Start()` method calls `InvokeRepeating("SpawnRandomAnimal", startDelay, spawnInterval)`. The `SpawnRandomAnimal()` method generates a random spawn index, creates a random spawn position within a range, and instantiates a random animal prefab at that position with its transform rotated.

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

public class SpawnManager : MonoBehaviour
{
    public GameObject[] animalPrefabs;

    private float spawnRangeX = 20f;
    private float spawnPosZ = 20f;
    private float startDelay = 2f;
    private float spawnInterval = 1.5f;

    void Start()
    {
        InvokeRepeating("SpawnRandomAnimal", startDelay, spawnInterval);
    }

    void SpawnRandomAnimal()
    {
        int animalIndex = Random.Range(0, animalPrefabs.Length);

        Vector3 spawnPos = new Vector3(
            Random.Range(-spawnRangeX, spawnRangeX),
            0,
            spawnPosZ
        );

        Instantiate(
            animalPrefabs[animalIndex],
            spawnPos,
            animalPrefabs[animalIndex].transform.rotation
        );
    }
}
```

