





The screenshot shows the Unity Editor with the PlayerMove.cs script open. The code implements physics logic for a character's movement and jumping. It includes methods for running, jumping, and applying better jumps based on velocity and input.

```
PlayerMove.cs
Archivos varios
PlayerMove
Update()

{
    animator.SetBool("Run", false);
}

void ExecuteJump()
{
    // Resetear velocidad en Y para que el segundo salto sea consistente
    rb2D.velocity = new Vector2(rb2D.velocity.x, 0f);

    float currentJumpSpeed = CheckGround.isGrounded ? jumpSpeed : doubleJumpSpeed;
    rb2D.velocity = new Vector2(rb2D.velocity.x, currentJumpSpeed);

    jumpRequested = false; // Consumimos la petición de salto
}

void ApplyBetterJump()
{
    if (rb2D.velocity.y < 0)
    {
        rb2D.velocity += Vector2.up * Physics2D.gravity.y * (fallMultiplier - 1) * Time.fixedDeltaTime;
    }
    else if (rb2D.velocity.y > 0 && !Input.GetKey(KeyCode.Space))
    {
        rb2D.velocity += Vector2.up * Physics2D.gravity.y * (lowJumpMultiplier - 1) * Time.fixedDeltaTime;
    }
}
```

