



The screenshot shows a code editor window with the file `OpenDoor.cs` open. The code defines a class `OpenDoor` that inherits from `MonoBehaviour`. It contains three methods: `OnTriggerEnter2D`, `OnTriggerExit2D`, and `Update`. The `OnTriggerEnter2D` method checks if the colliding object is a player and sets a boolean flag `inDoor` to `true`. The `OnTriggerExit2D` method sets `inDoor` back to `false`. The `Update` method checks if `inDoor` is `true` and the `e` key is pressed, then loads a new scene using `SceneManager.LoadScene`.

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

public class OpenDoor : MonoBehaviour
{
    public Text text;
    public string LevelName;
    private bool inDoor = false;

    private void OnTriggerEnter2D(Collider2D collision)
    {
        if (collision.gameObject.CompareTag("Player"))
        {
            text.gameObject.SetActive(true);
            inDoor = true;
        }
    }

    private void OnTriggerExit2D(Collider2D collision)
    {
        text.gameObject.SetActive(false);
        inDoor = false;
    }

    private void Update()
    {
        if (inDoor && Input.GetKey(KeyCode.E))
        {
            SceneManager.LoadScene(LevelName);
        }
    }
}
```

