ACTIVITY PERTEMUAN 5

NAMA: MUHAMMAD TARMIDZI BARIQ

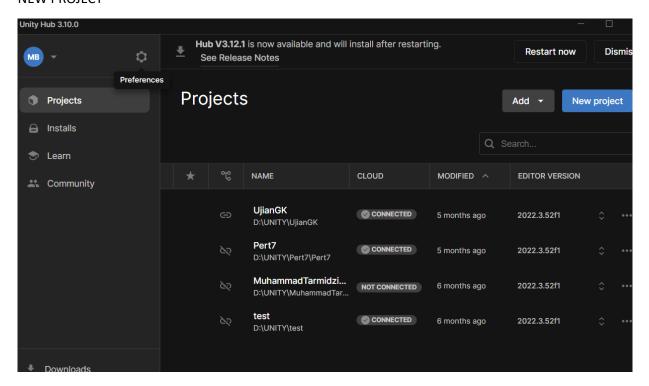
NPM : 51422161

KELAS: 3IA11

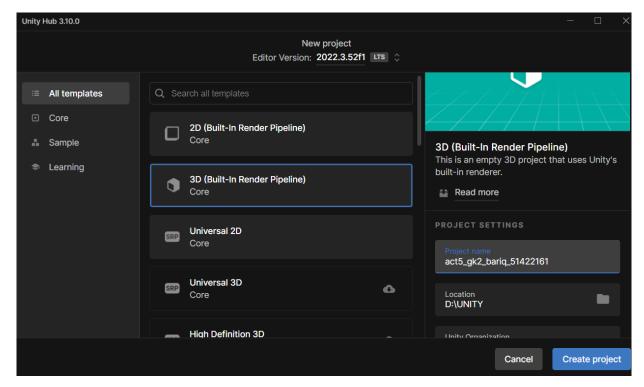
MATERI: Logika Game

MATA PRAKTIKUM: GRAFIK KOMPUTER 2

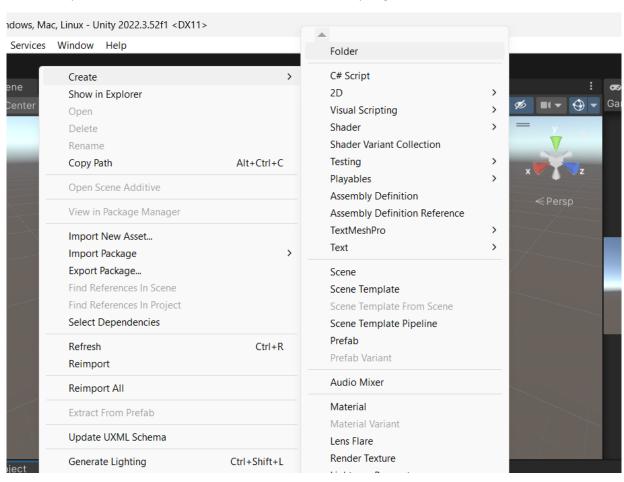
NEW PROJECT



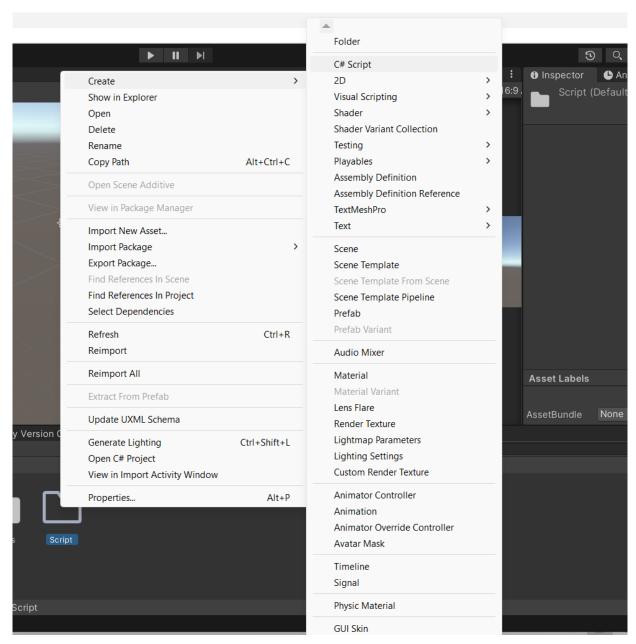
3D(built-in render Pipelinie) -> berikan nama project -> create project



Klik kanan pada asset -> Create -> Folder -> kasih nama Scripting



Pilih create -> C# Script - > kasih nama file Camera Mouvement Mouse



Ketik kode berikut dan jangan lupa disave

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  Object Browser
                 Camera Mouvement Mouse.cs → ×

☐ Miscellaneous Files

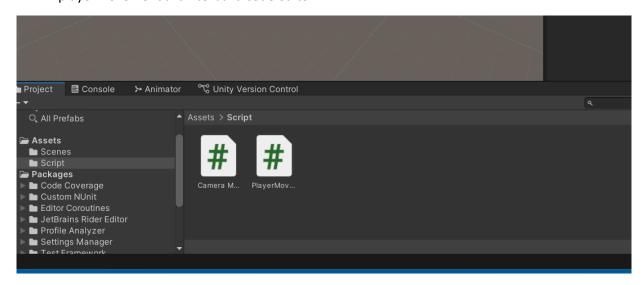
                                                 → 🔩 CameraMouvementMouse
              □using System.Collections;
               using System.Collections.Generic;
using UnityEngine;
              public class CameraMouvementMouse : MonoBehaviour
                    public Transform target;
                    public float distance = 5.0f;
                    public float xSpeed = 700.0f;
                    public float ySpeed = 700.0f;
                     float x = 0.0f;
                    float y = 0.0f;
                     // Start is called before the first frame update
                     void Start()
                         Vector3 angles = transform.eulerAngles;
                        x = angles.y;
                         y = angles.x;
                         Cursor.lockState = CursorLockMode.Locked;
                     // Update is called once per frame
                    void LateUpdate()
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  Output
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                 Camera Mouvement Mouse.cs* → ×

▼ Solution Explo
                                             - CameraMouvementMouse
                                                                                                                                       + OOA
  ☐ Miscellaneous Files
                       y = angles.x;
                                                                                                                                             Solution
                       Cursor.lockState = Cursor.LockMode.Locked;
                   void LateUpdate()
            ĪĖ
                       x += Input.GetAxis("Mouse X") * xSpeed * Time.deltaTime;
y -= Input.GetAxis("Mouse Y") * ySpeed * Time.deltaTime;
                       y = Mathf.Clamp(y, -80, 80);
                       Quaternion rotation = Quaternion.Euler(y, x, 0); 
Vector3 position = rotation * new Vector3(0.0f, 0.0f, -distance) + target.position;
                       transform.rotation = rotation;
                       transform.position = position;
```

Drag n drop file tersebut ke unity asset

```
✓ Today
PlayerMovement.cs
5/9/2025 10:50 AM
CS File
4 KB
✓ Earlier this week
```

Klik 2x playerMovement akan terbuka code editor



Code playerMovement.cs

