README.md 2024-06-21

110590049 final

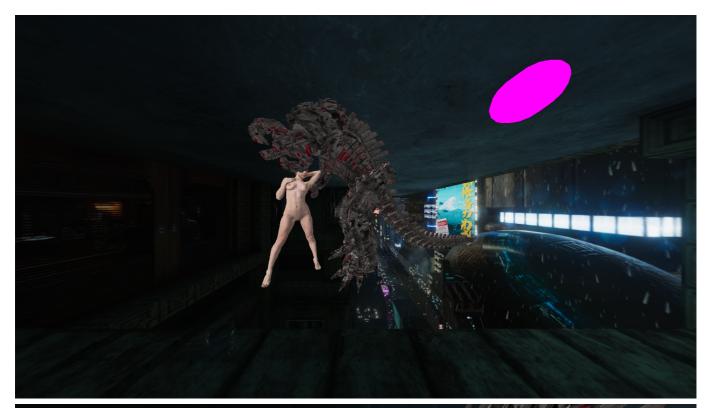
just try make the scene look like future world by make it more sci-fi.

result

- · load 3 different texture
- load 3 different .obj file
- animation
- shadow
- · camera control
- animation control

video demo

README.md 2024-06-21





difficulty

- Explore and read an OBJ file, including its UV mapping, normals, and other attributes.
- Configure the GLTool program to ensure compatibility and seamless operation on both Linux and Windows platforms.
- Discover an OBJ file with a "futuristic world" aesthetic that is user-friendly and easy to work with.
- Aim to accomplish all the above objectives efficiently while maintaining a balanced and stress-free approach.

require

README.md 2024-06-21

cmake

if you use ubuntu

sudo apt install cmake ninja-build libglu1-mesa-dev mesa-common-dev xorg-dev libglew-dev

run

recommend use linux

windows

./build/cg-course.exe

linux

cmake -B build
cmake --build build
./build/cg-course

key action

Key Pressed	Action
1	switch to light 1
2	switch to light 2
3	switch to light 3
4	switch to light 4
space	stop animation
arrow up	camera turn up
arrow down	camera turn down
arrow right	camera turn right
arrow left	camera turn left