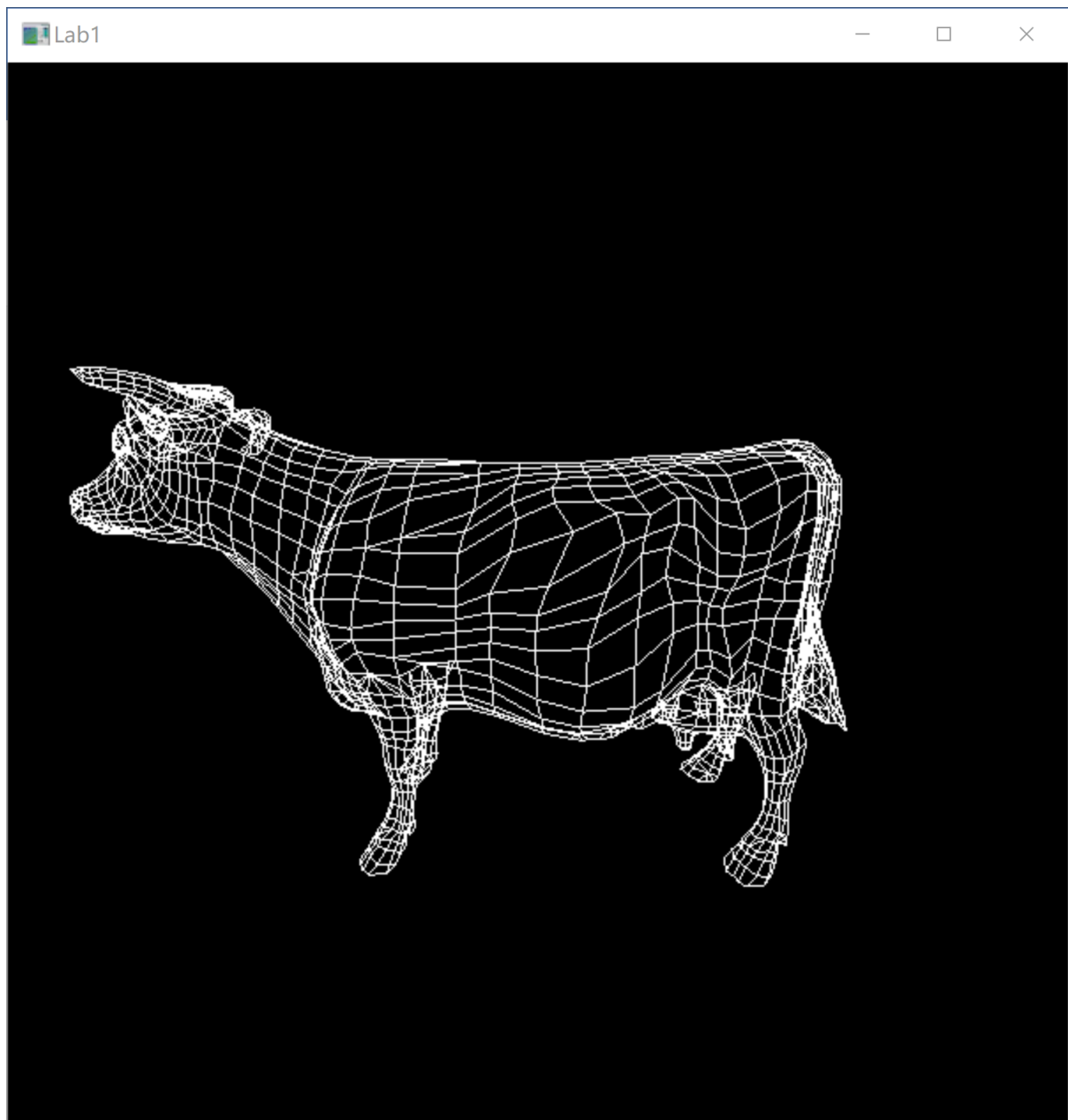


WindowSize 600X600

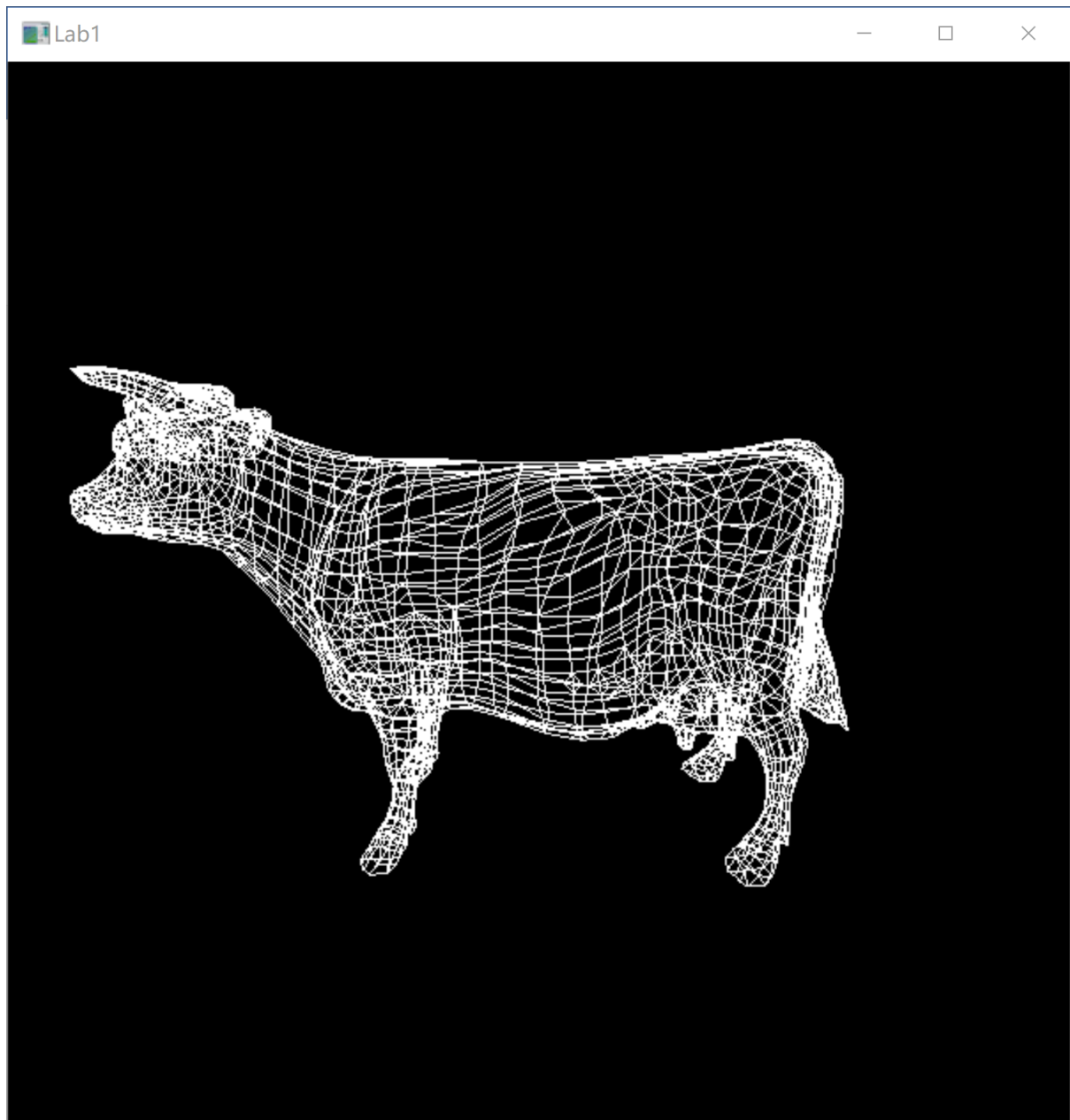
Cow.d

```
MyVector C = { 0, 2, 7 };  
MyVector pref = { 0, 0, 0 };  
MyVector Up = { 0, -1, 0 };
```

With back-face culling



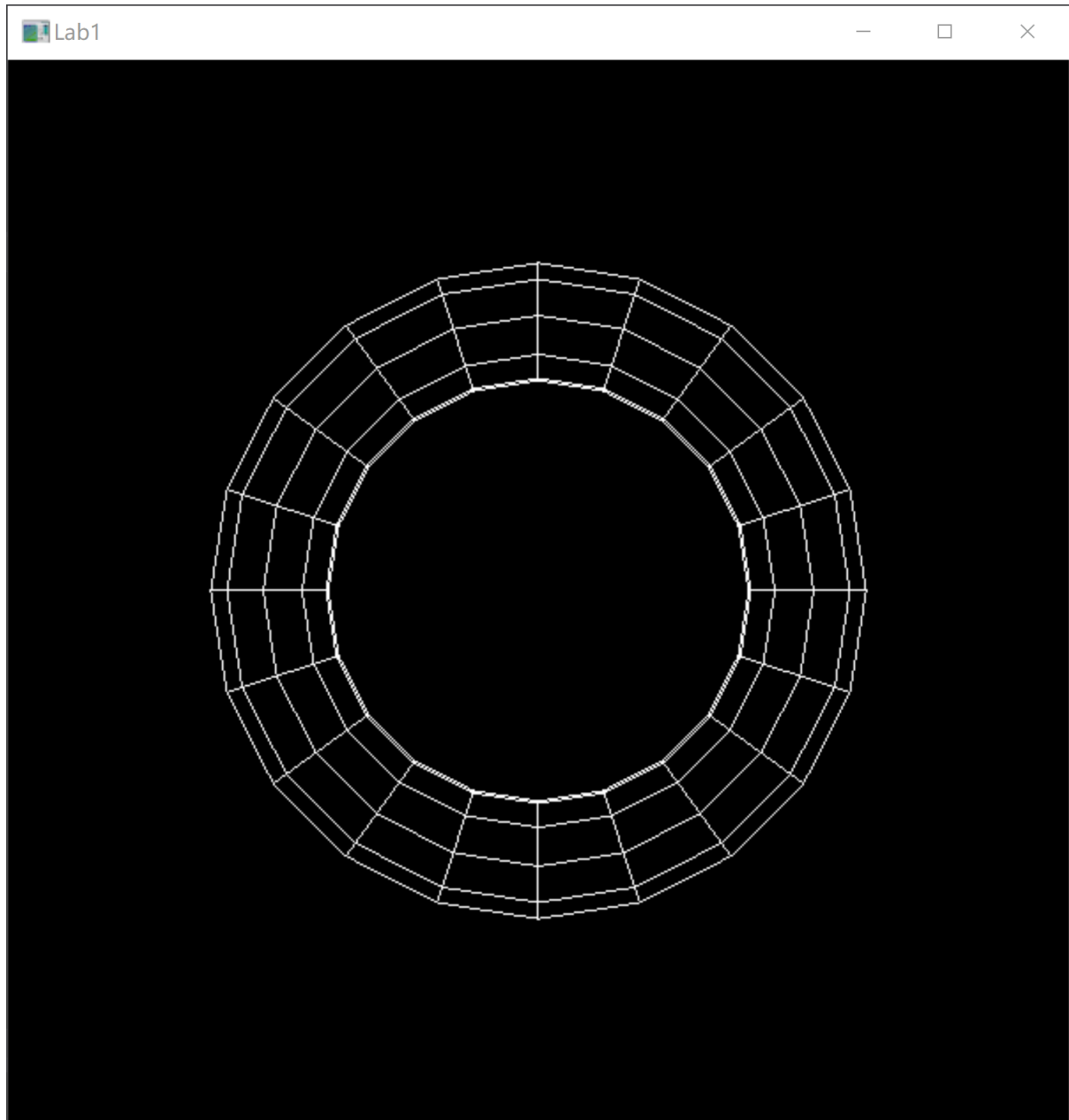
Without back-face culling



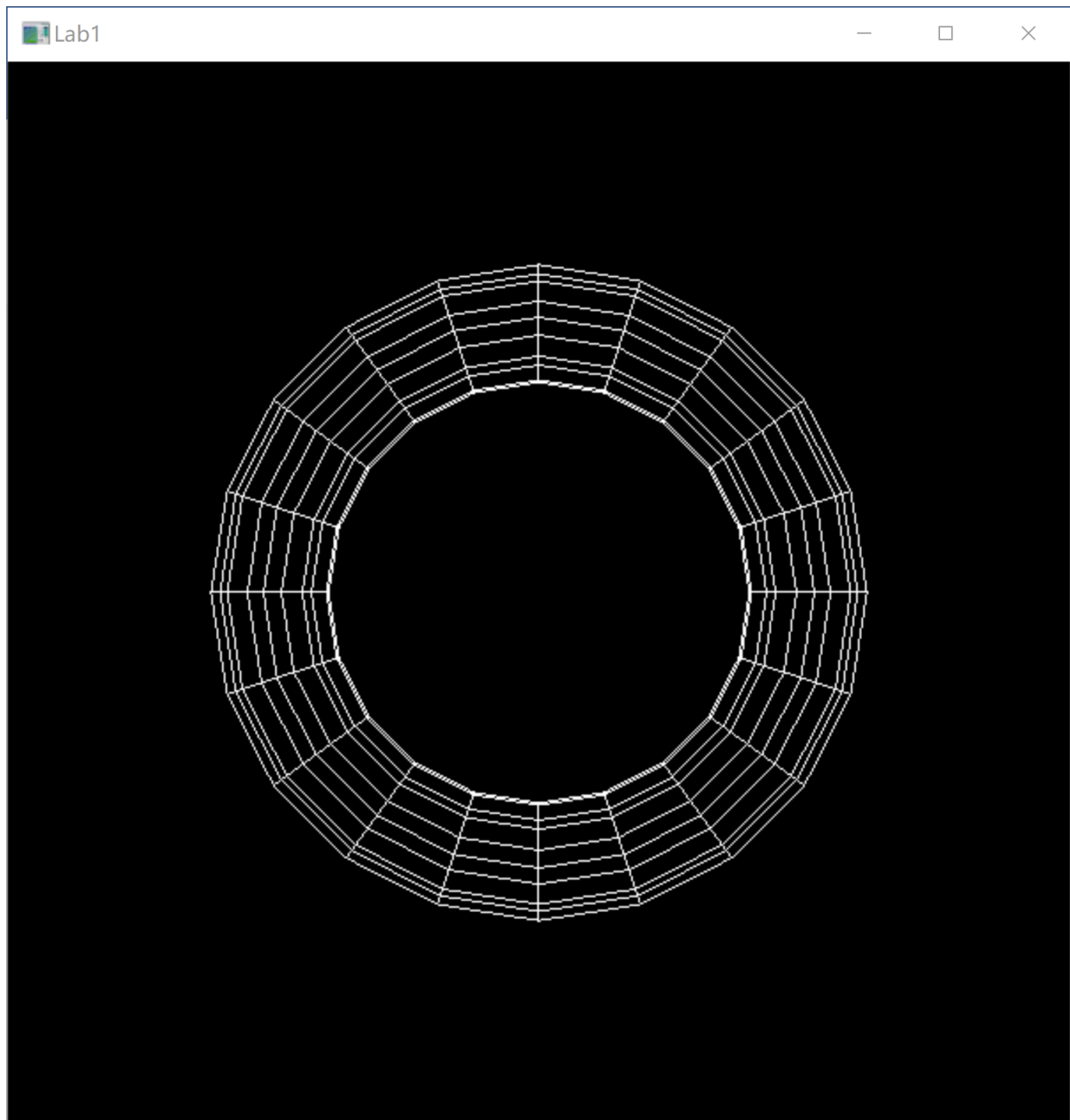
Donut.d

```
MyVector C = { 0, 1, 0 };  
MyVector pref = { 0, 0, 0 };  
MyVector Up = { 0, 0, 1 };
```

With back-face culling



Without back-face culling



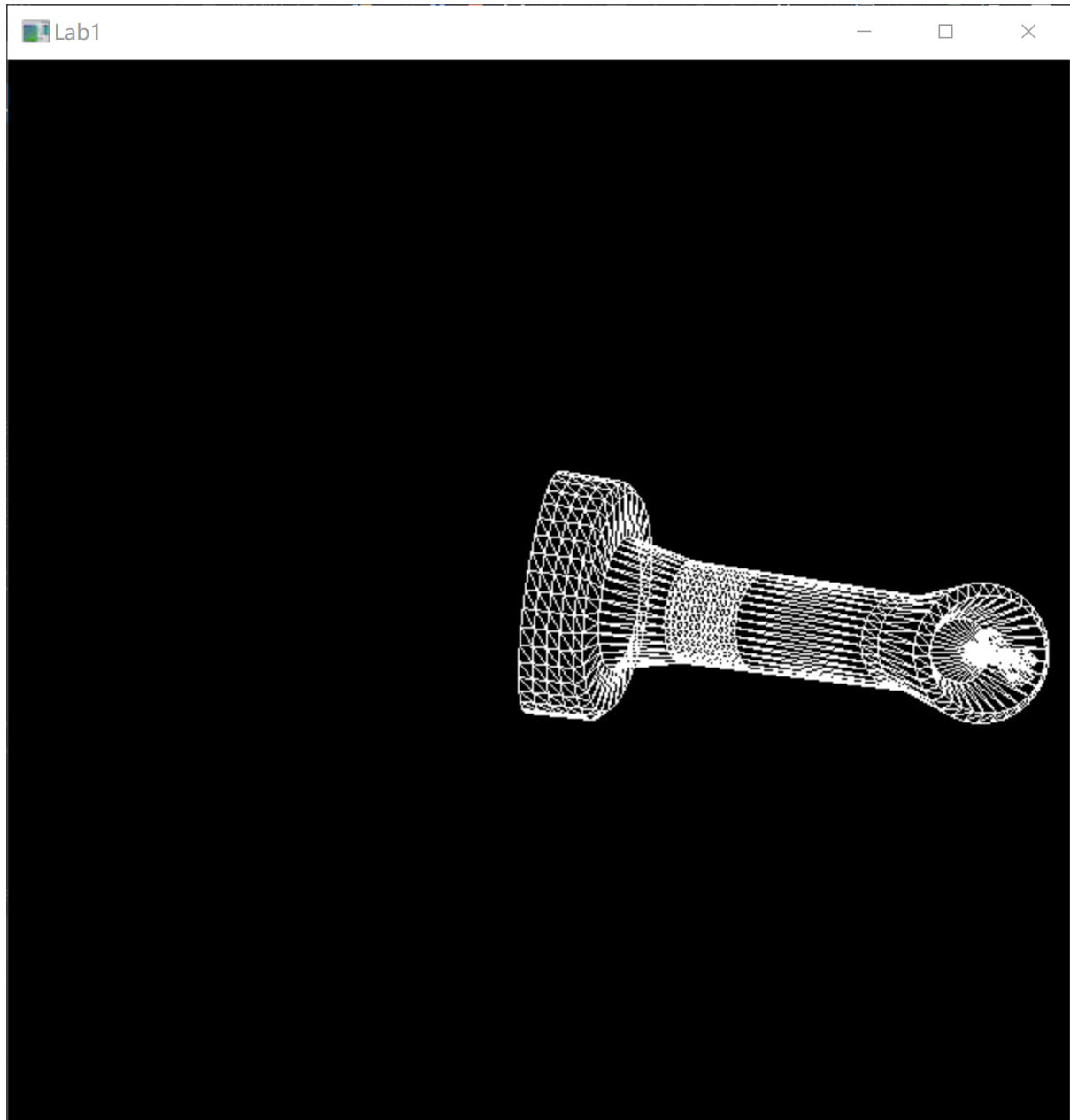
King.d

```
MyVector C = { 5, -5, -1};
```

```
MyVector pref = { 0, 0, 0 };
```

```
MyVector Up = { 0, -1, 0};
```

With back-face culling



Without back-face culling



Use Class MyVector to store vertex coordinates and vectors, and use Clss Matrix for coordinate transformation.

Use Class vertices and Class polygons to store all the vertices and polygons. After converting the coordinates to the perspective stage, determine if a polygon is visible by calculating the normal vector.

Set the Camera/screen parameters with global variables.