

Nirbhay Sharma (B19CSE114)

Mayank Raj (B19CSE053)

Assignment - 2

Linux is preferred

Run.sh file is provided for easy execution of code

How to run

Que1.cpp file is containing the whole code

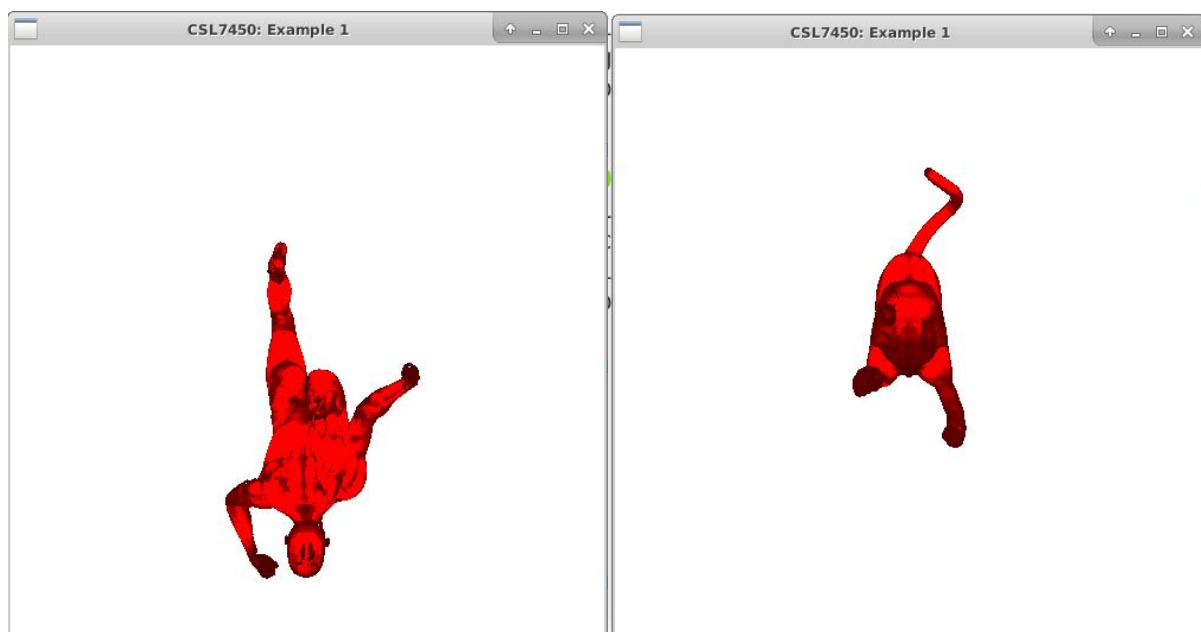
```
bash run.sh que1.cpp
```

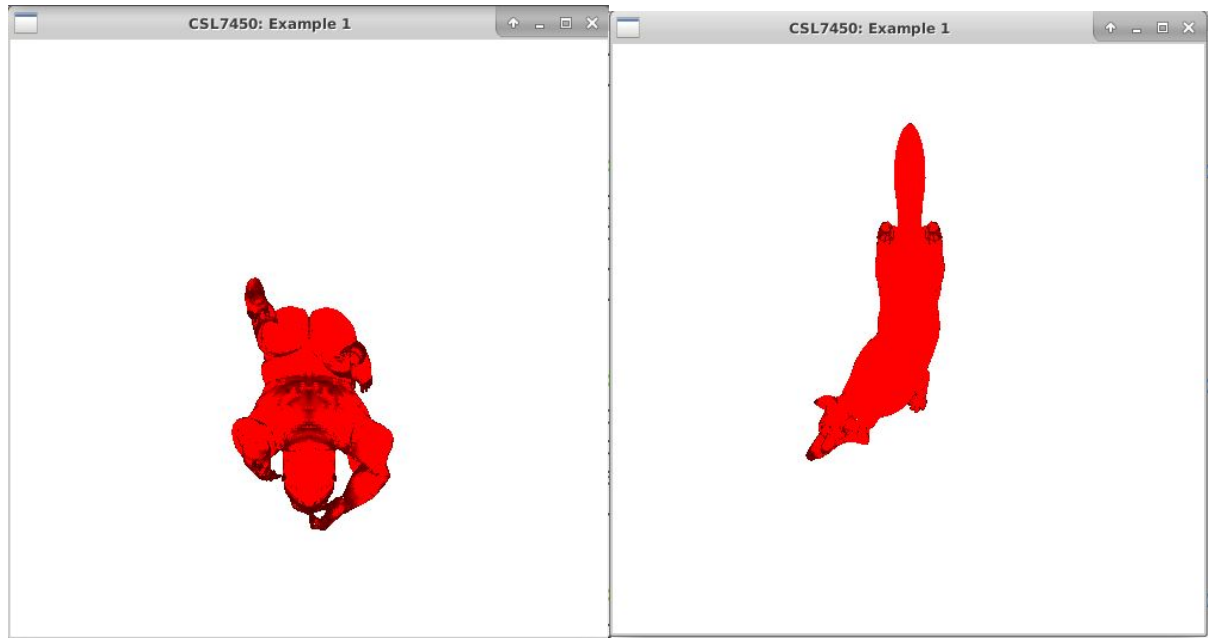
The que1.cpp file implements the following:

- Finding normal for every triangle
- Finding the appropriate size of view frustum to fully contain the object
- Finding the normalized device coordinates
- Implementing surface visibility determination algorithm
- Implemented phong shading algorithm by choosing appropriate values
- Finally rasterize the triangles to form a 2d object

To finally get the output please enter the path of the .off file as per the prompt

Results



**Contribution:**

- Equal contribution
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