Assignment 1a Report

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The picture of the face without any transformations is shown in figure 1. After changing the eye from $(0,0,6)$ to $(-.5,0,6)$, we see in figure 2 the perspective shift. The defects in the image are also revealed because of the artist's poor input file description capabilities. When the view direction changes, the figure mirrors the change as seen in figure 3. The view direction was changed from $(0,0,-1)$ to $(.5,.4,-.75)$. In all three images, an image size of 200×180 was used.

Figure 1: Face with default parameters

Figure 2: Face with different view origin

Figure 3: Face with different view direction