Assignment 4 Graphics

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The data files and final output (FinalOutputWithAudioSampled.mp4) are submitted with the pdf in the same .zip

1   Script

- **Harshil** : Yes! get me more beer

- **Waitress** : Why are you drinking so much harshil this is your sixth beer this afternoon you come here every single day. I'm your waitress ill get less tip but i'm telling you this as your friend. Sober up and fix your life. You have a wife and kids at home that need you you'll get fired from your job.It's never too late

- **Harshil** : See it's good to have friends.

2   Generation

We used blender to make this video. For that we broke down our script into 5 parts - $scene_i$. These have their own folder with their assets (including .blend). Which when rendered, gives a set of images into the desired folder (/rendered). From there all the images are converted into a .mp4 using

```
ffmpeg −i %04d.png output.mp4
```

Then all of these outputs are copied into /movie/ as name of $scene_i.mp4$. From there using

```
cp scene1.mp4 output.mp4
for i in 'seq 2 5';
do
mencoder output.mp4 $scene_i.mp4$ −ovc lavc −lavcopts \
vcodec=mpeg4 −o main.mp4
mv main.mp4 output.mp4
done
```

Final output.mp4 was created. Then the frame for name was added later manually and saved to FinalOutputWithAudioSampled.mp4

3   Steps

First we created a character (the Waitress) in blender. Which we then used in most of our scenes. We downloaded a main character, and a saloon in which they the event takes place. Then we added some animation in blender by creating keyframes accordingly. Then we compiled.