|  |  |
| --- | --- |
| Computer Graphics Final term assignment  Course Faculty : Dipta Justin Gomes | Submitted By:  Omi Evance Rozario (18-38932-3) |

1. What is the importance of Projection Plane with respect to the view of projection?

**Answer:** The projection plane is the area into which we transform (project) objects. The importance of it is that we are able to transform any 3D object into 2D. As a result we can see or view any pictures or scenario of 3D object in 2D, which means that allows us to see the real world in TV screen or in monitor. So in contrary we can say without project plane it is impossible to see the outer world in a simple screen and that is the main importance of project plane.

2. Give 5 examples of projection in our daily life.

**Answer:**

* VR
* Mobile phone screen
* Projector
* Camera
* TV screen / Monitor

3. Describe in brief what you understand by a 'Projector' in Computer Graphics? Can you relate a real life 'Projector' with this projector?

**Answer:** Projector is a straight beam which characterize the projection of a 3D article. This beam exude from focus of the projection, going through each mark of the article and meeting a projection of plane to shape the projection. All in all to assemble a projection of an article we need a loads of projectors and we likewise can say that projector is the single unit of projection.

Indeed, we can relate this projector with reality 'Projector'. Since, supposing that you notice you may see a genuine projector mirror light for every pixel of the screen with which gadget it is associated. You can have more clear idea on this when you are watching film utilizing a projector and an individual simply stroll through front of the shroud where all the projector lights are reflecting. You will see when the individual was front of the shroud a few pieces of the screen is reflecting over that individual and different pieces of the screen is reflecting preposterous. Thus, if the projector don't make single light for every pixel than the situation wouldn't be conceivable and similarly a projector attempts to shape a projection.