



coordinala $\begin{bmatrix} x' \\ y' \end{bmatrix} = \begin{bmatrix} 1 & 0 & tx \\ 0 & ty \end{bmatrix} \begin{bmatrix} y \\ y \\ t \end{bmatrix}$ g', y' are new coordinates 1.4 are old coordinate (tm, ty) = (300, 100) P= [th] - [300] + [0] = [300] canvas should be in ratio 1:1 to view that charly. canvas (4) The flor Aspect ratio b) camera position c) Repth of field. d) lightening e) exposure +) field of view c) fundering pipeline. : colour Rendering projection - occulturion (cighting exporure) shadows is processed which is After rendering process a vector image than pixels this comprised of points & paths rather

contains the image of building in top or front views as defined with all our requirements 9) This can be done by ray tracing while it a terdering technique for generating at image by tracing the path or light ex pixels in an image plane and simulating the effects of its many with vertical objects b) by purh Material () and population (), we can apply transferred on beam 2. with out effecting beam 1. punmatrix sower the current coordinate system in stack where as populatrix rutory it 1. | Yworld - Mmodel. (Yob) | Zobj MModulvicw Yobi = Mview Mmodul Yobi
Zobi y cue. Y die Trespe · Mprojectron Sclip Zelip Welip

- of No. It can't be done unter we restore the picture be any operation such as adding texture, color, etc can be done only through pixels while it a primitive or raster picture. This can be only found in photoshop where you would ratterize pierure for applying some color correct and other operations
- E) since dippling is cutting a object where you were the dipped part other is excluded
- 1) when we apply culting to beam in it has no beam 2 but beam I will be excluded out of pipeline
 - m) REB Standy for RED, GREEN and BLUE and ranged from o to LIT for R, 9 and B.
 - 1) (0,0,0) -> Black colour is filled to beams. 1) (ETT, ETT, ETT) -> white cobs is filled to beams.
 - we will get black and while for values of Rigins

as mentioned above.