

- coordinate velouerce bar spectying clipping whidow.
- · Systems cese vournalized coordinates in the vronge from Otol, others used a normalized vange from -1 tol
- · Clipping us usually performed in the hoursalized coordinates.

by two divers a market is

- 3 Build a Phong Lightling Model with Egys
  - 2) light consists at 3 dibboard types of light:
    - 2) Ambiert lighting vrebbered as nectural lighting.
    - 2) Ribbusia The artibicial light.
    - 2) Spectual lighting Rebers to the Shinness ab the object.

I aule 2 Ka Ia - 1

Kaz combined ordelectronity
I a z intensity as combined light

Si milarly,

Idyb z KdIp cos(O) - 2

I spec = Ko In Comp

- . The Mong Model ais the equation of all Contined

Total Testersity > I = KaIa + KoII coon of

Apply homo geneous coordinates box traisladicer, votile. & ecaling via makes reprostation -> The Matrix Representations of Fastalian Protation & Scaling are + P1 2 P+ P Toranglation P' 2 [ 9] + [ En] Rotalier P'=> [n', ] = [loso - Sino] [y] Scelig Piz [ on 0] [ m] Cremeric Egh > S.P P12 MxP+ M2 But n'z mh, yzyh hz! Conside (h\*n, h\*y, h) Tres lection [ " ] ? [ 0 tr ] [ ] bolation (n') 2 (sn 00) (ny)

Braling [ 1, y ] = [ (aso - Sino o ) [ 2] [ 3]	
4) Ribberance blu Raster Scan & Radom Scan	
Rastor Scan	Random Scarp
1) bodues jagged buss that are plotted as a discrebe point sets	Dendam System Prod Smooth Circs drawing
-> less ex rensine -> Modi Gicalian dilbialt	
-> Resolution is low	- Resolution is high
40 Gill rathern in case - Solid pattern is	
Demonstrate Open Ort Junctices Con Windows namagement using GUT.	
> glut breate Midow - used to create a new Midon	
Jelut Create Subulidoir - used to creat anot window within some window	

- reflut Sot blidow wood to sot our particular ich (zor teo mindow
- 7 glid Cetulidow used to get the Wide ID.
- glut Restroy Widow to delate the whiden test was created.
- -> glid Post be display To display the window again again, continuously until borcibly closed.

glit he shape ulindow - Used ben transformalien El Warld Coordinates ito view Goodinates

& displaying it.

glul Full Screen - 70 represent Window is

glut Populidou l'aluthushulidou- morks just like a malies on unidon.

glut Hicle Wider - To hide the window ( gran being dies played on Sorreen.

glut his play Func - to display

, gent Main Loop

Int()

- 6) Open(sh visibility petection + undias DO panlet polygon Culling Furtices abourded
  - Al Disolde (Col Coll FACE). of Enally (Git - Unit - FALE). Gllustace (wode).
- The band billogistration so software boss glud suit Dis play Morde (GUT -SINGLE) ofless (Col-DEPTH -RUFFER-BIT) GLUT\_RGB | GAUT\_OERTH) Depth - Buffer Furthers
- Albert angel markbarnderth, Garlborn Dep gillean (GLL. DERTH-BUFFER, BIT) chelled leadon 2 rolling those of Enable ( bel-DEPTH - TEST)
  of Disolule ( Col-DEPTH - TEST) (Mars Rept ( Mass Repth)
- GL-UINE), Lise belo & hidden cologs @ Open Col Wire (group Surface wise billity Pr gh Odyzenthode (GL ERON)T\_AND\_BACT, dis play

board Hun ghtogi (GL -ROG-MOCE GL. LINEAR To increase or decrease the Conjethness Corres & discussed OpenCal Republy White Guices please (GL-FOL) With special Rojections

1 John , down 78,38 sp P(m,452,

n- (n- mono) 4 n ( केर्क्ट m ( sass - 87

2- 100 270 + (Barb (2 M) ) dody + ( m2 2- drag - 3007 000 2 002 2-84

250 B n pop > 2000 2000 gravial Cases 4 8

Normalization los as a colling. Proje this basmelt with each nyz coodinates Oto 1 2000 Nowwood (0°0°9) ? (down) omn) od/ the words or 20 Joseph della 0 2 do2 2 30 (Aller 200 ord Cord Cord v 2000-Jal 2/ 2-drat Jan 2. 2 000 2000 more 2 gard ರ Wien Volum nounaliza アスト Propolic we Consider Thear wiew holuno 18708 arthogol 200 2 O hopein 202 **3** (@

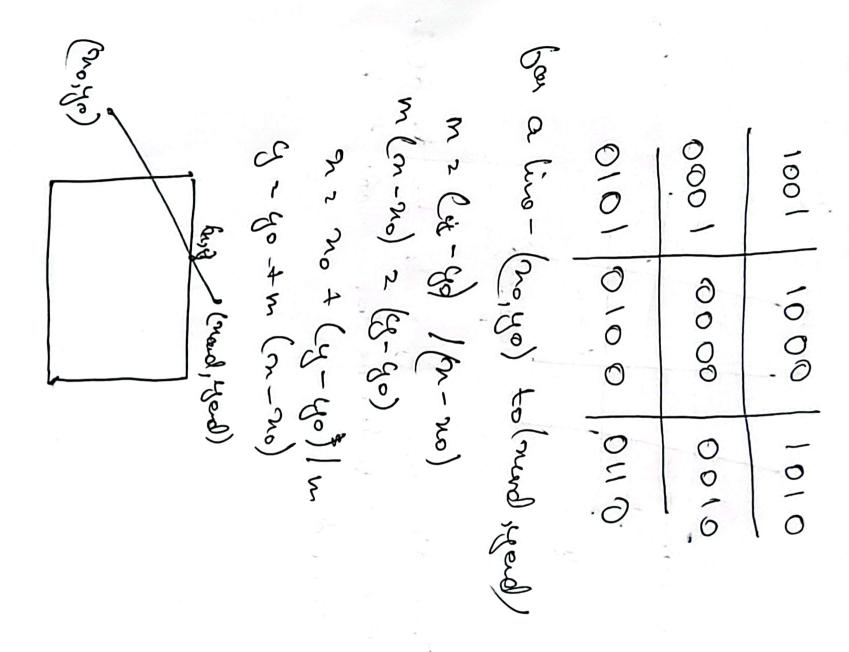
Explain Sezies lurus 8 ils proporties with Exps Ano be normalization it tous Journalia agrand tous (somether apparel D - Hymas + Munic Numar- Renoin Zeren- yper O 24001-700 2402 +2/23 O - Yemos - gunin Gennes-Genner we get temornalizatie boars borretie for They are warred ables the younch Engineer Polities in O time relation back in Baptilies Begies cures our parametric cursus that Rivere Regies une discounted Legier Curres are one of other velated industry. te astrogoral wier volume Junes - Chemin 0 Aumay Mushin (+) ": & : 9 Master moun -1041-

B; M (+) crepressed Barbarstein Rolynomial

Bin (+) ~ ( = 1) (1-t) n-EE Polegramond shipping ( walow maker

use used the ordinar mentioned formular Tuy are be at 2. 6 whow pointe-livery 4 control points - quadratic curves Curus 3- control poids - culiic curus n - Coulant points munder -) t 20-1 ( Rose )

(19) Cohan - Sulharbarb Line Chipping Algo -> la lou Suther hand alga montes cen Region. - Regionaloole in 4- bit code (TBRL) > Top, Bottom, Right, Left Code



chapped. + Gr- four- 40