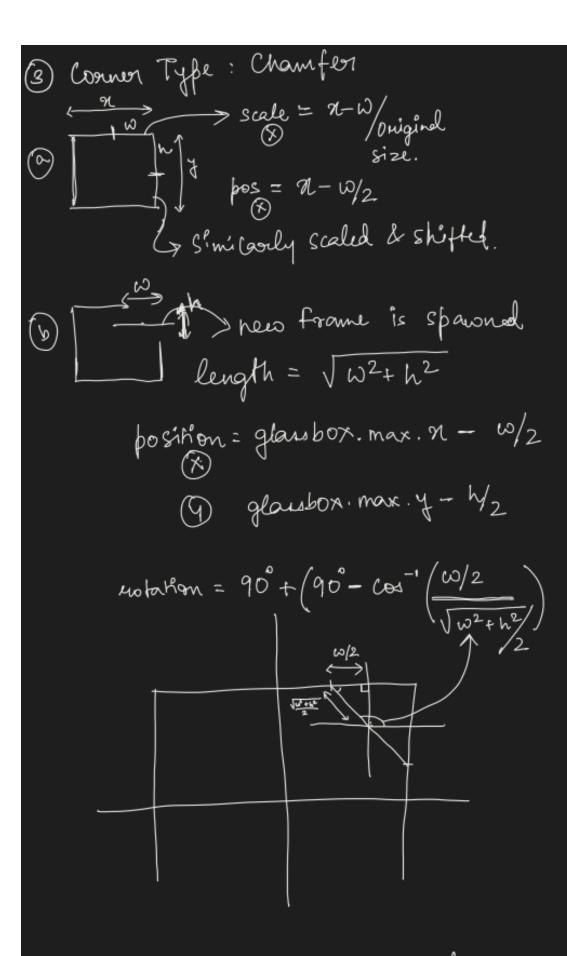
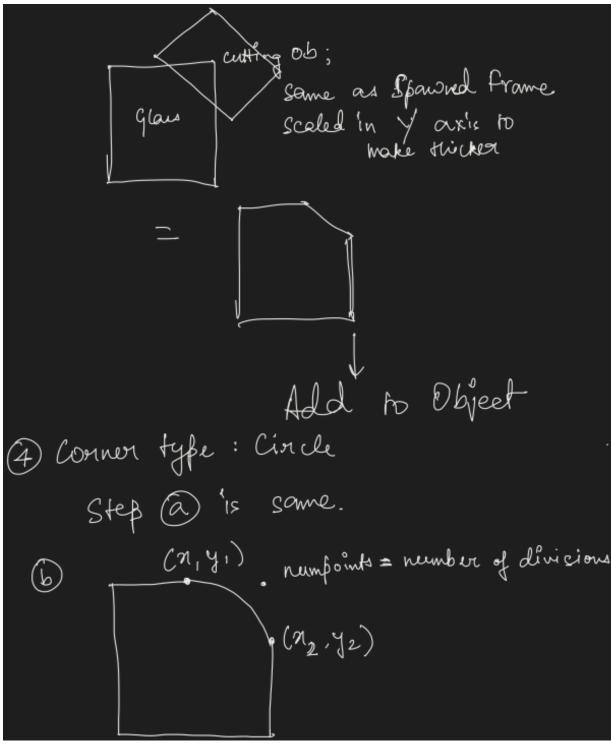
Appenoach:	
1) Reconstruct given window object	
(F) Gloss → Scale (1,1,1) pos (0,0,0)	
♠ Frame	
Bottom - Space Feft	
Right	
Scale to glass width & height	
/pos@ glousbox ninh max	
bos (o, gland box. max.	7,0)
bos (glas box mas	(,m,0,0)
2) Width & Height 1/P for Window	
widthscale = 1/P width original width	
glan scaled to (width Scale, Height Scale)	
scaled to width Scale positioned to glous box. min. y max	
scaled to height Scale positioned to gleasbox. min/. 1	C



(c) After frame is spanoned Glass is cut using three-buh-csq



```
const startPoint = new THREE.Vector2(x1, y1);
const endPoint = new THREE.Vector2(x2, y2);

// Calculate the center point (midpoint of the line segment connecting the two points)
const centerPoint = new THREE.Vector2((x1 + x2) / 2, (y1 + y2) / 2);

// Calculate the radius (distance from the center point to one of the end points)
const radius = startPoint.distanceTo(centerPoint);

// Calculate the start and end angles
const startAngle = Math.atan2(y1 - centerPoint.y, x1 - centerPoint.x);
const endAngle = Math.atan2(y2 - centerPoint.y, x2 - centerPoint.x);
```

```
// Generate points along the arc const points = [];

for (let i = 0; i < numPoints; i++) {

    const angle = startAngle + (endAngle - startAngle) * (i / (numPoints - 1));

    const x = centerPoint.x + radius * Math.cos(angle);

    const y = centerPoint.y + radius * Math.sin(angle);

    points.push(new THREE.Vector2(x, y));
}

Co Small Scale frame

is Spawned a cach

point generated

Subtraction to obtain glass.
```