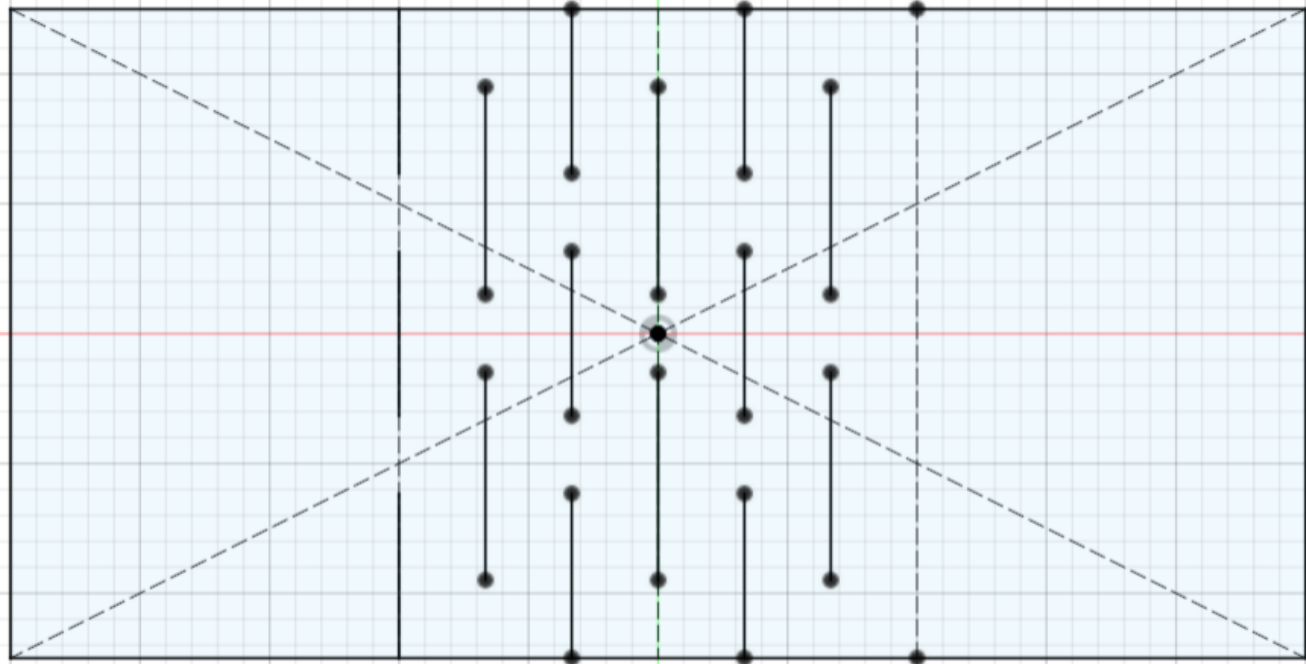
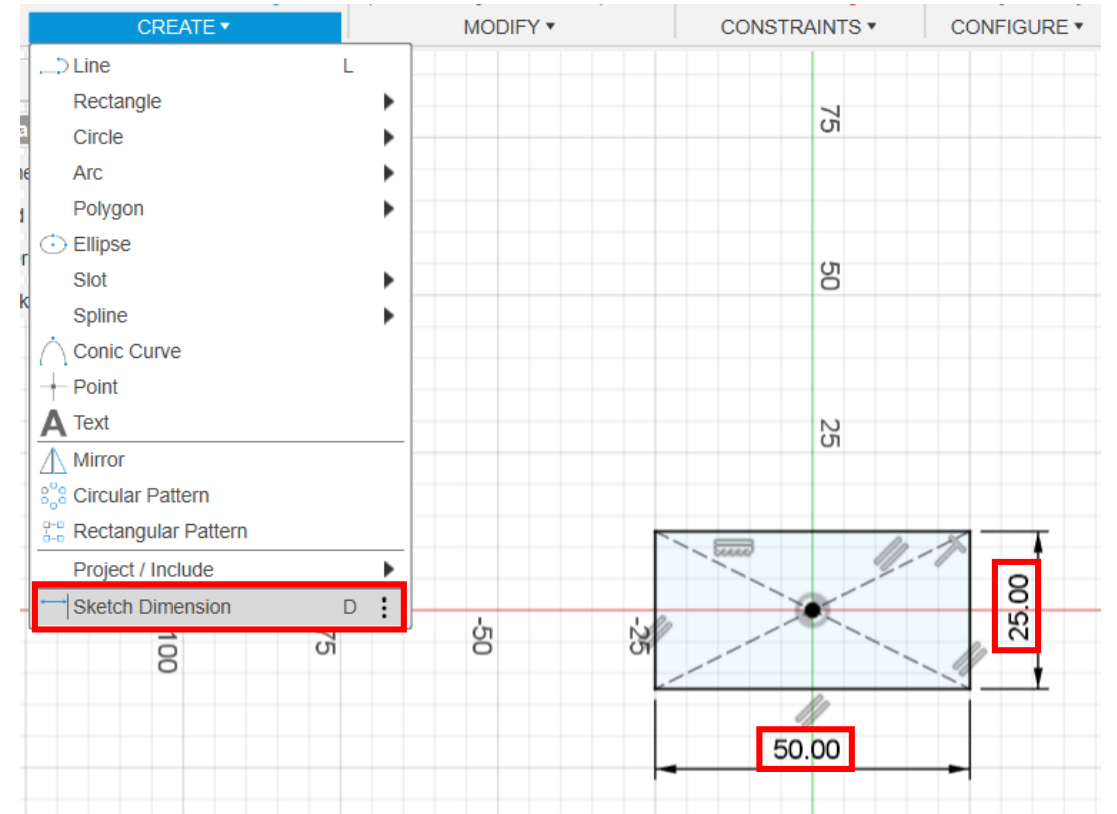
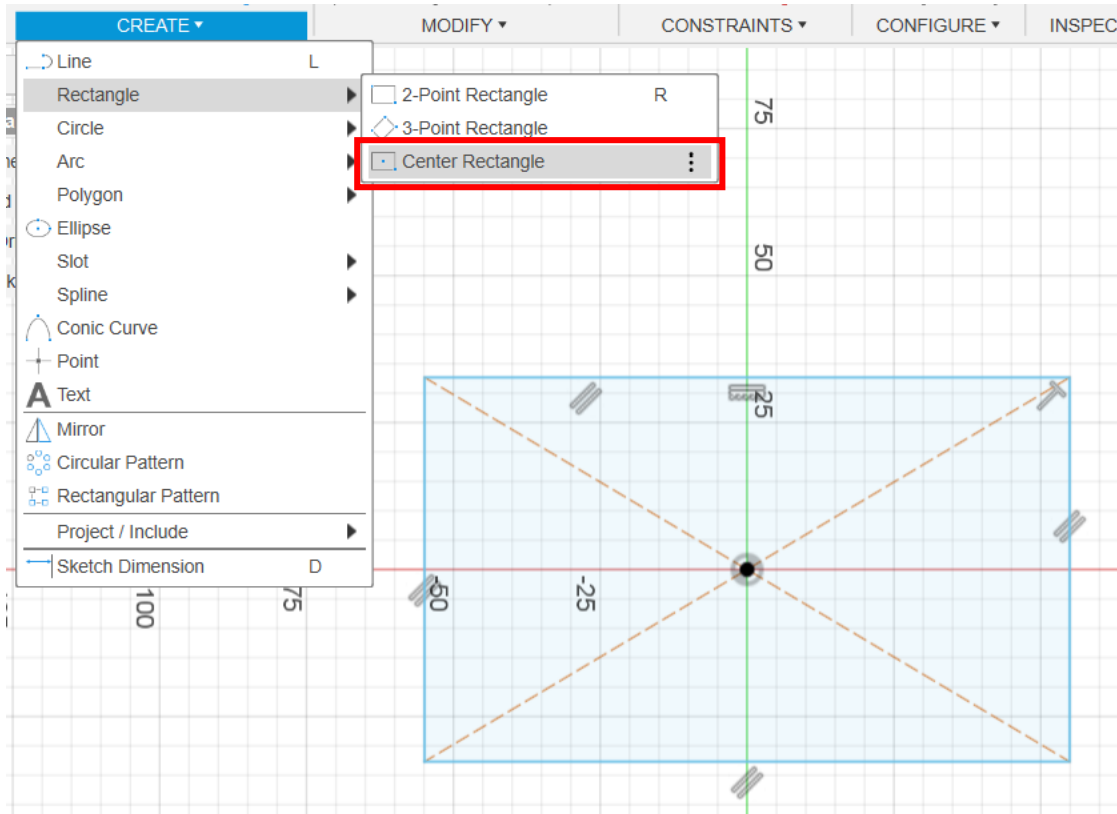
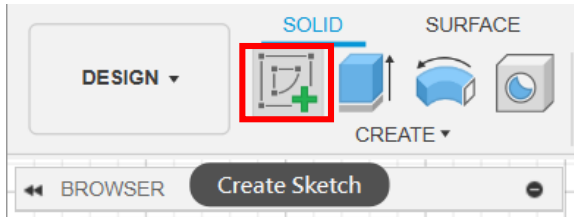


Making a living hinge with Fusion 360

TA 陳柏睿

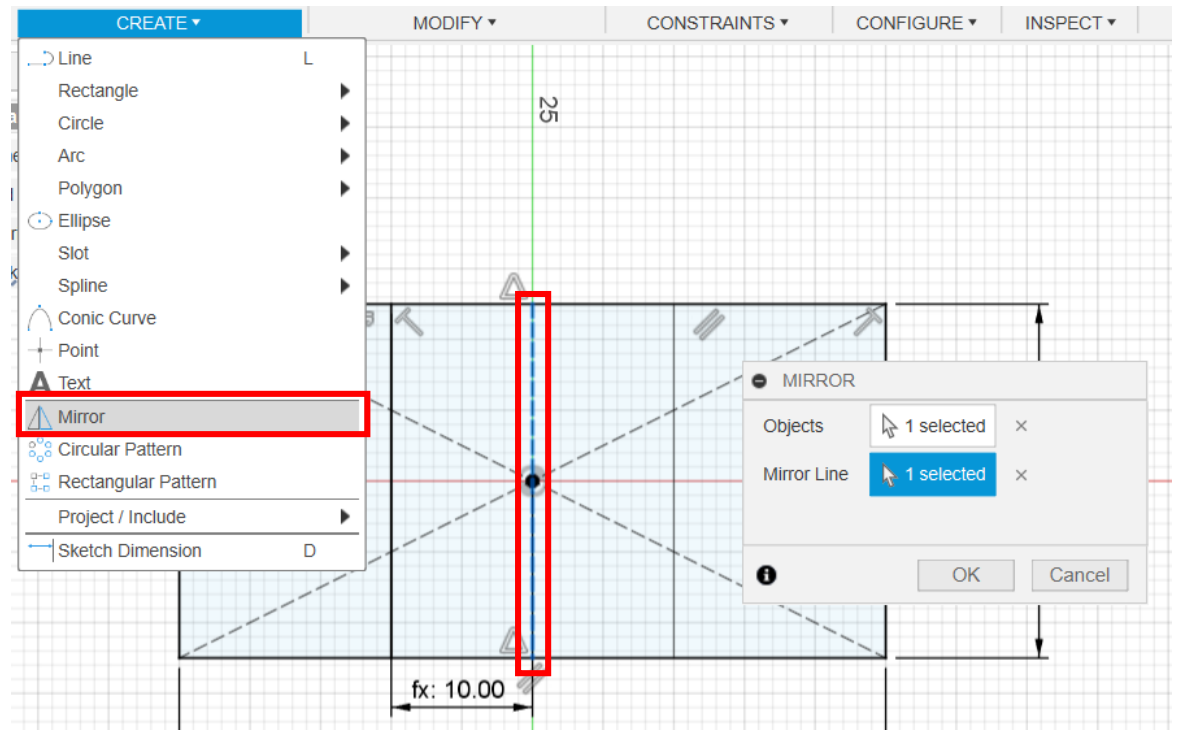
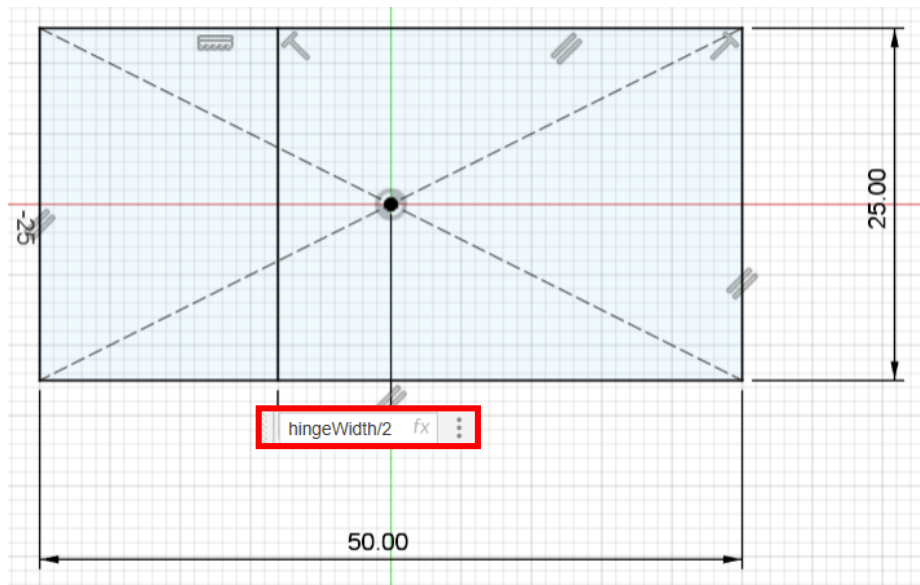
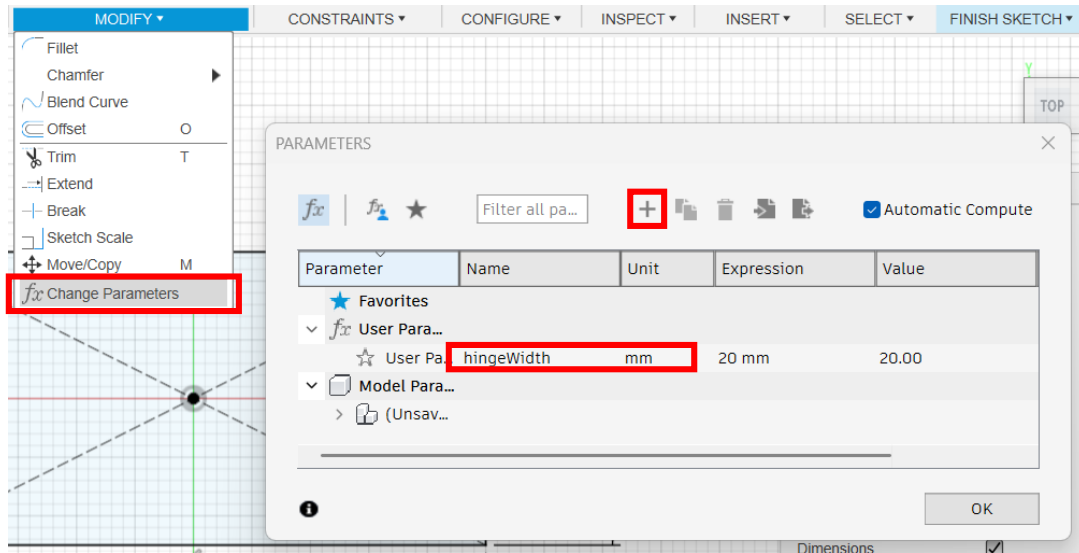
- 🔍 (Unsaved)
- ⌵ ⚙ Document Settings
- ⌵ 📁 Named Views
- ⌵ 👁 📁 Origin
- ⌵ 👁 📁 Sketches





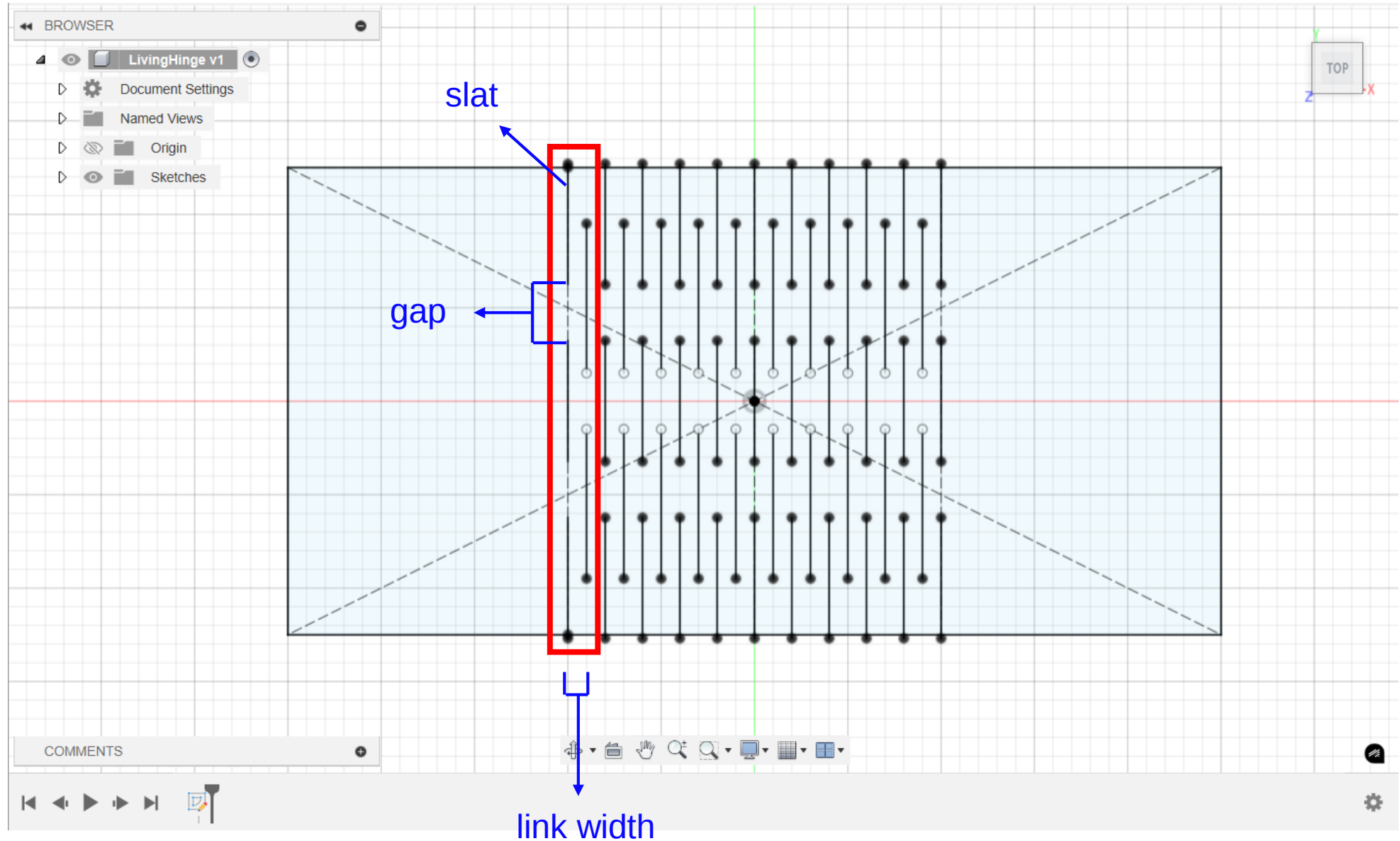
Checkpoint 1

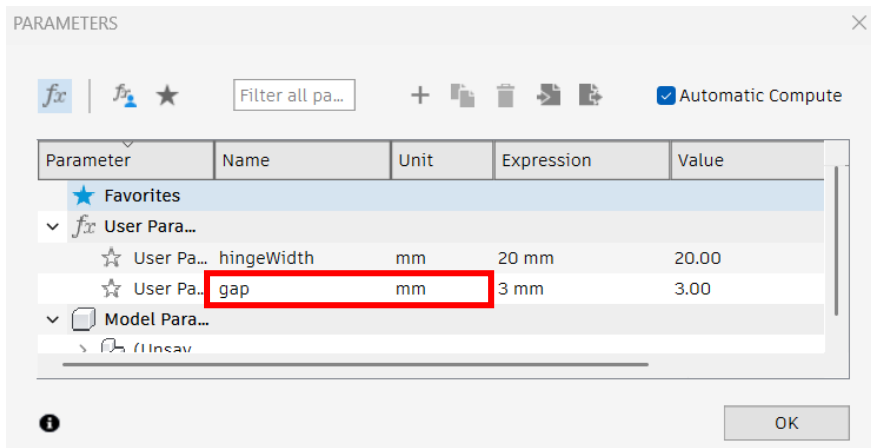
Draw a rectangle



Checkpoint 2

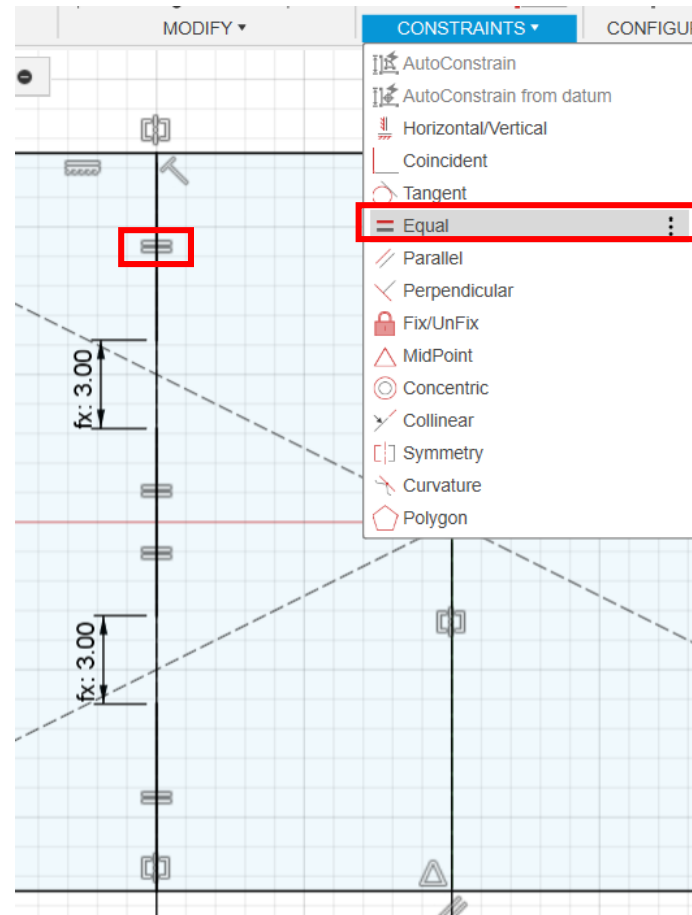
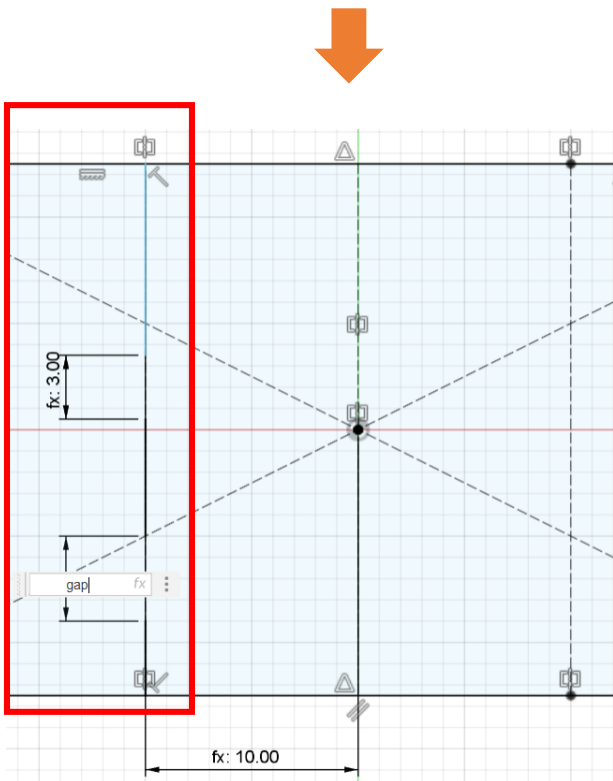
Draw the area of the hinge





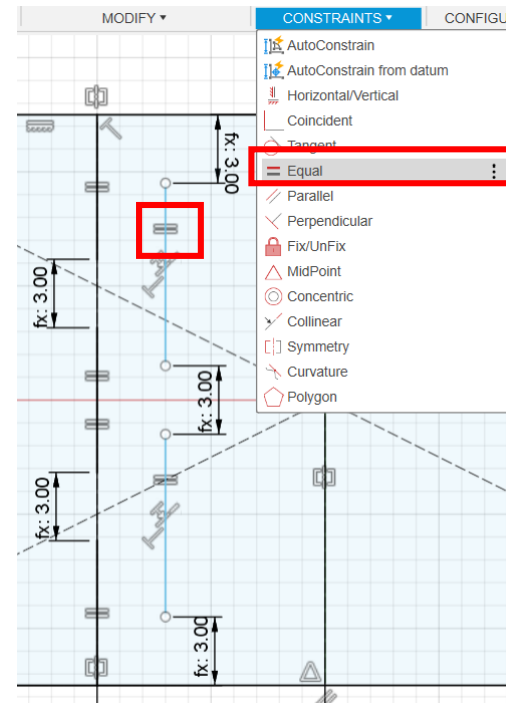
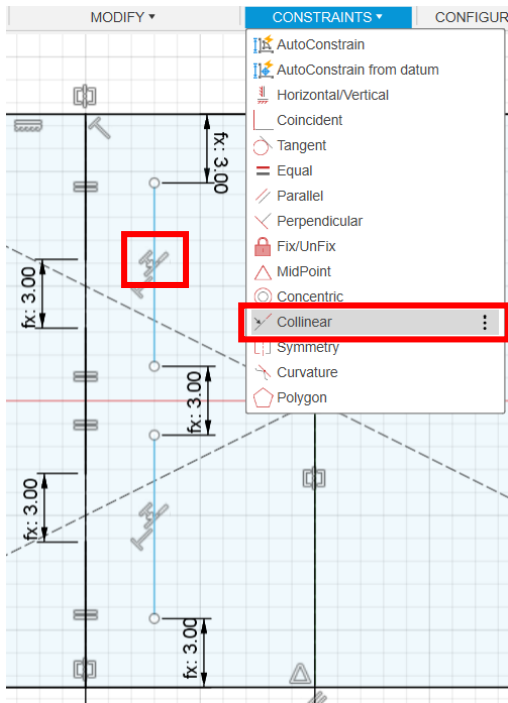
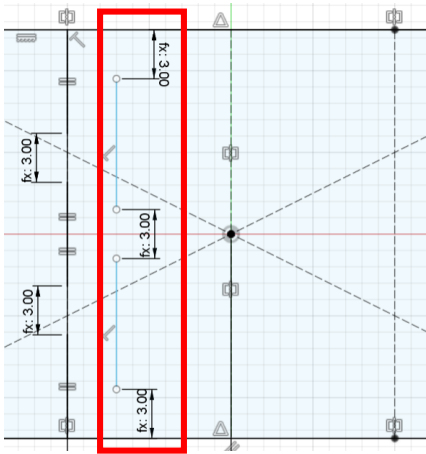
Checkpoint 3-1

Draw one pair of slats



Checkpoint 3-2

Draw one pair of slats

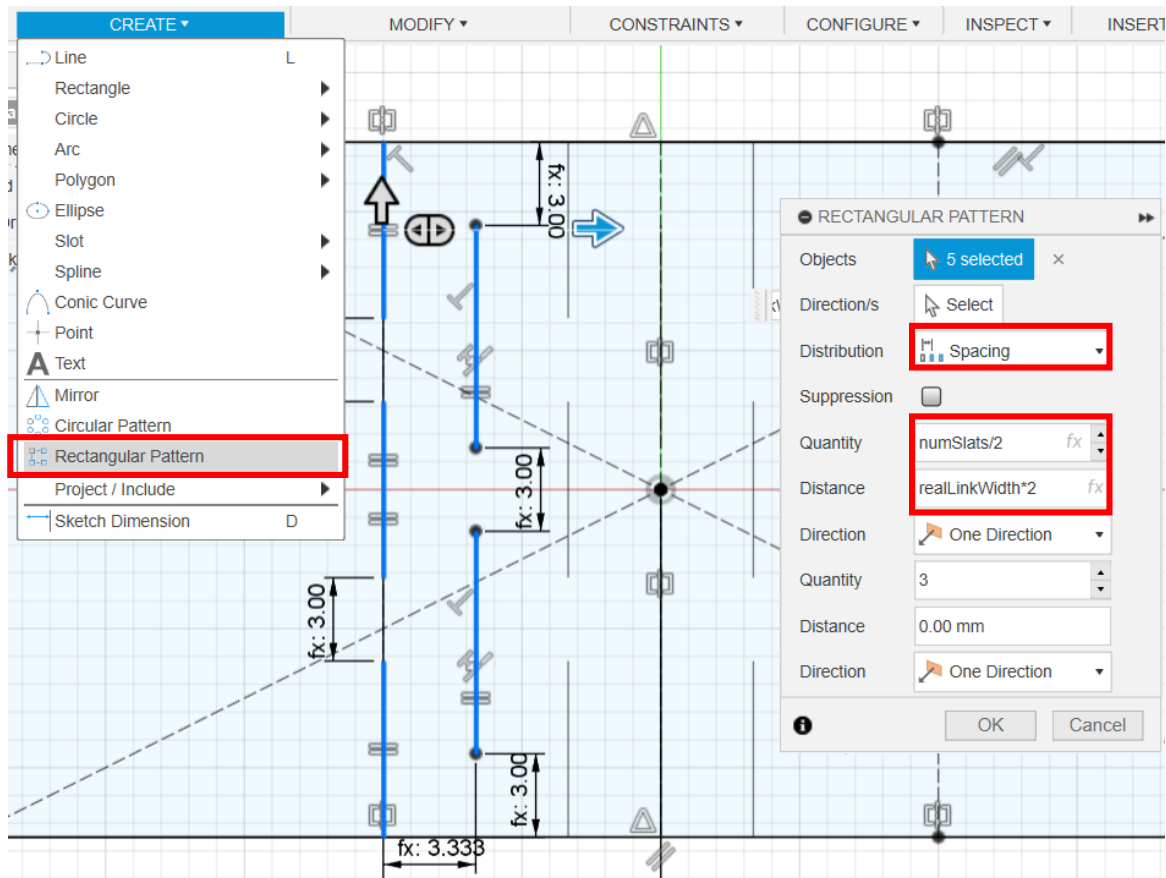
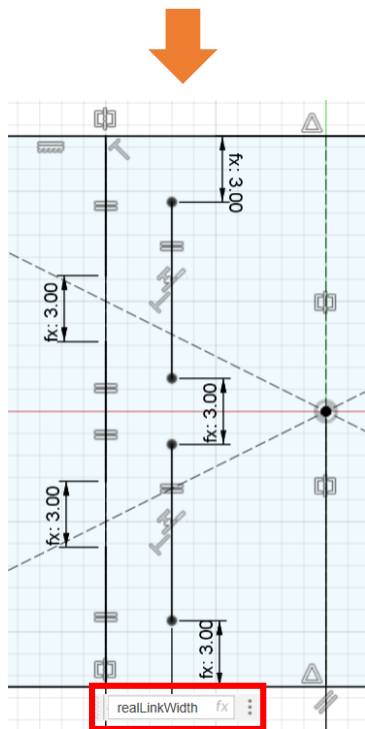


PARAMETERS

Filter all pa... Automatic Compute

Parameter	Name	Unit	Expression	Value
★ Favorites				
▼ fx User Para...				
☆ User Pa...	hingeWidth	mm	20 mm	20.00
☆ User Pa...	gap	mm	3 mm	3.00
☆ User Pa...	idealLinkWidth	mm	3 mm	3.00
☆ User Pa...	numSlats		$\text{round}((\text{hingeWidth} \dots$	6
☆ User Pa...	realLinkWidth	mm	$\text{hingeWidth} / \text{num} \dots$	3.333
> Model Para...				

OK

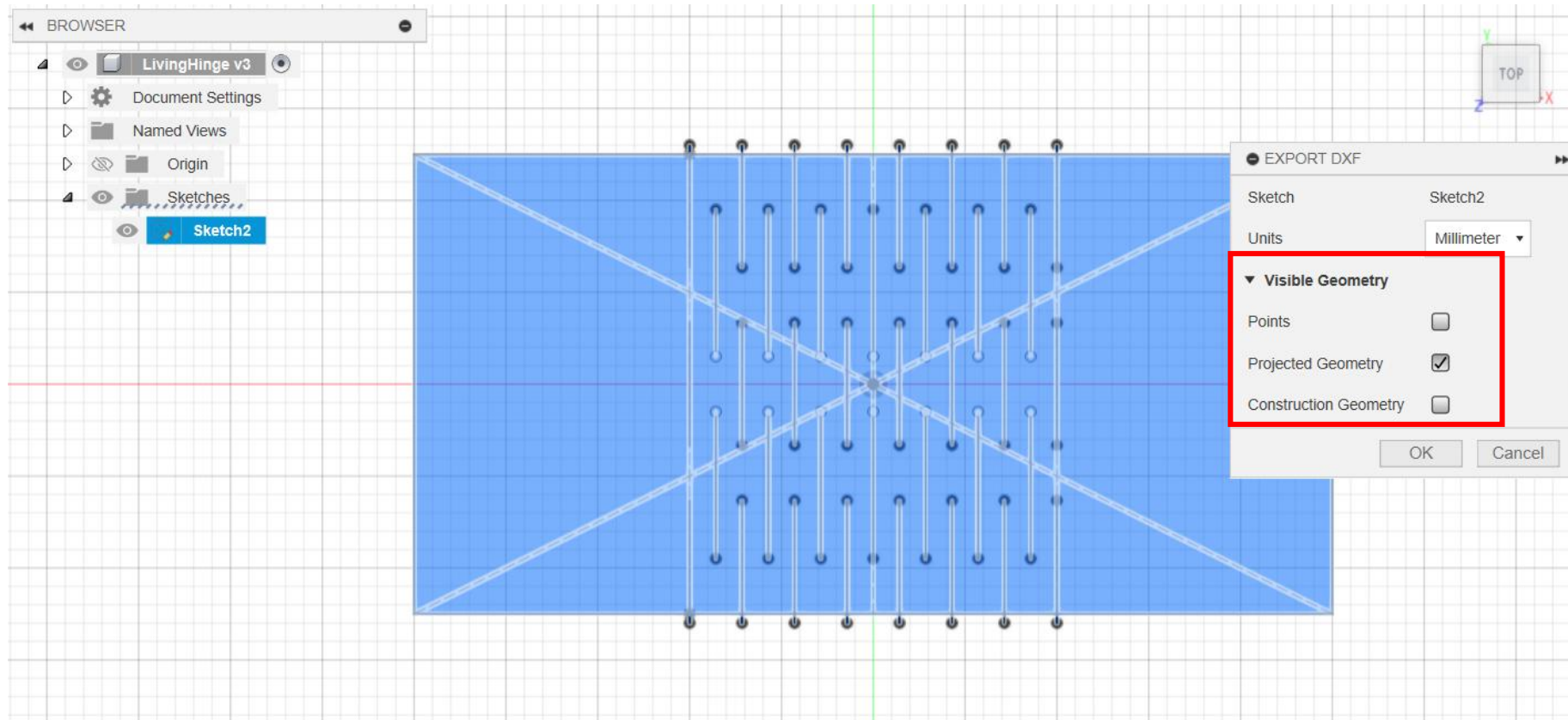


Checkpoint 4

Duplicate slats

Checkpoint 5

Export the sketch



References

- **Mastering Living Hinges in Fusion 360: A Step-by-Step Laser Cutting Tutorial**

https://www.youtube.com/watch?v=HjXnGby1H_A&t