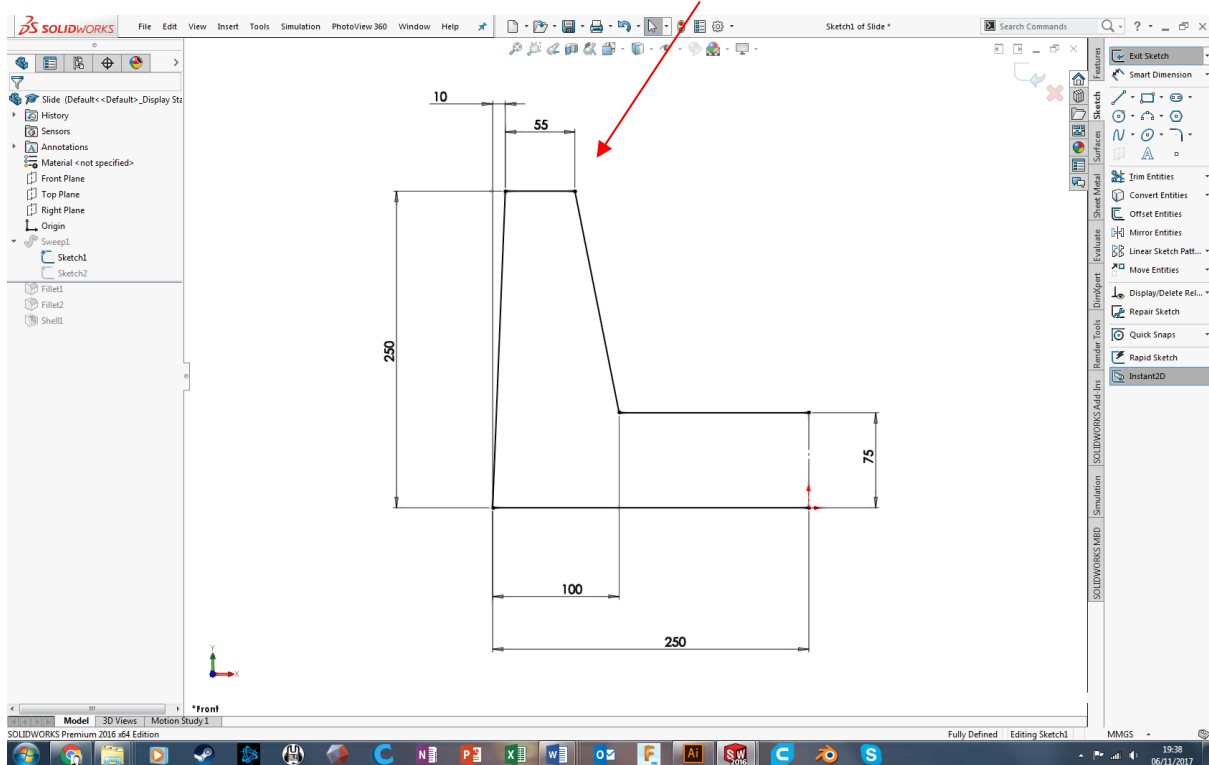


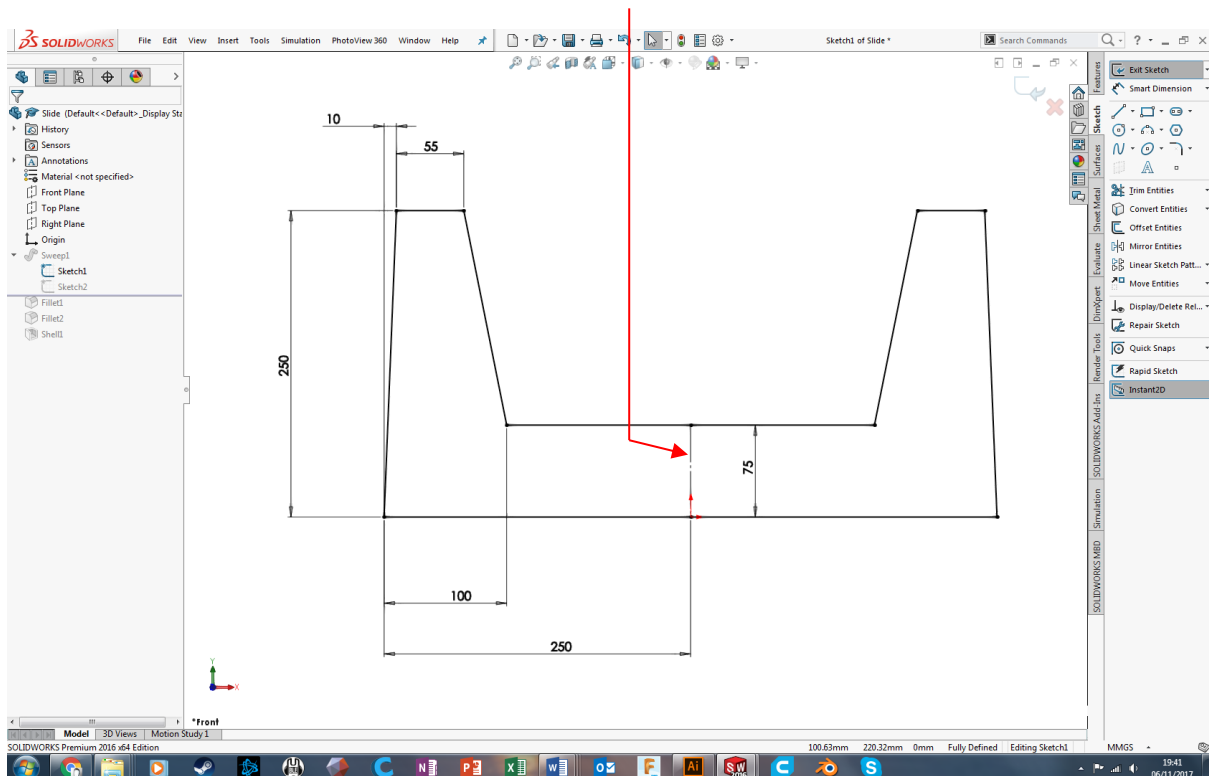
Slide

Create a New Part and Save it with the name **D02 L03_Slide**

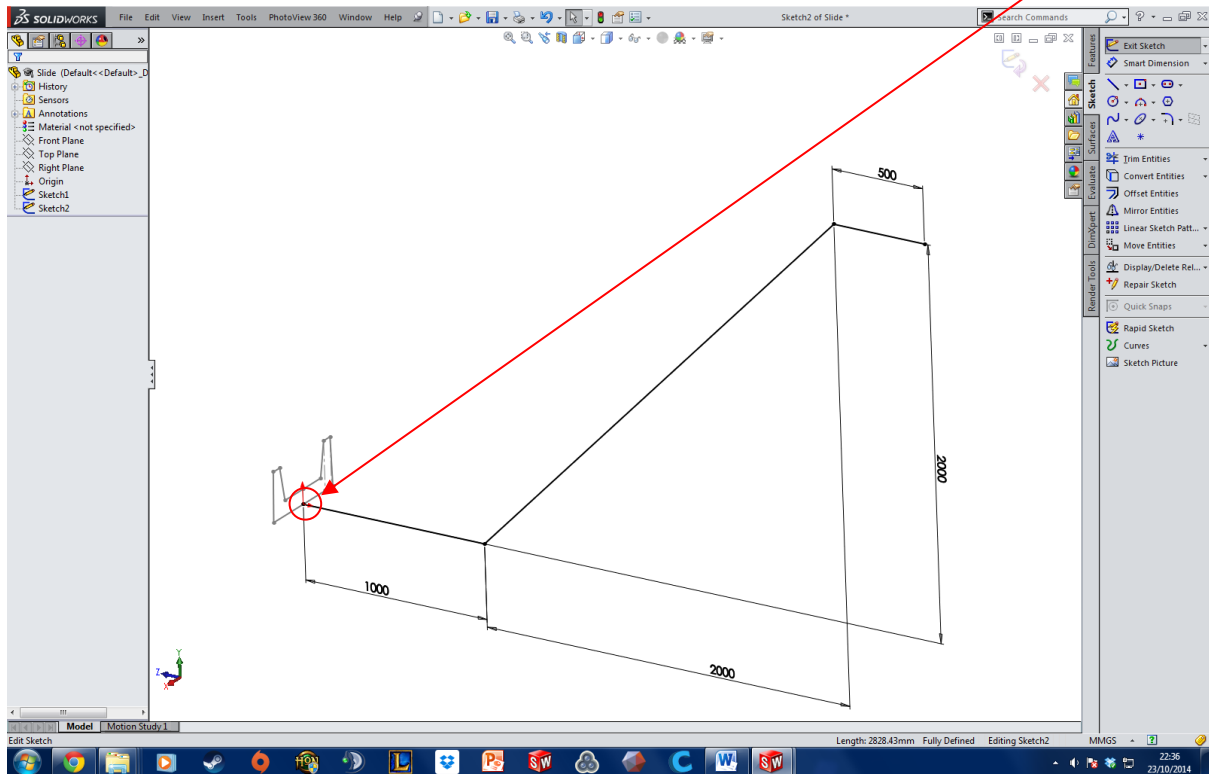
- Create a new sketch on the **Front Plane**
- Draw the sketch below (Start from the point of origin)



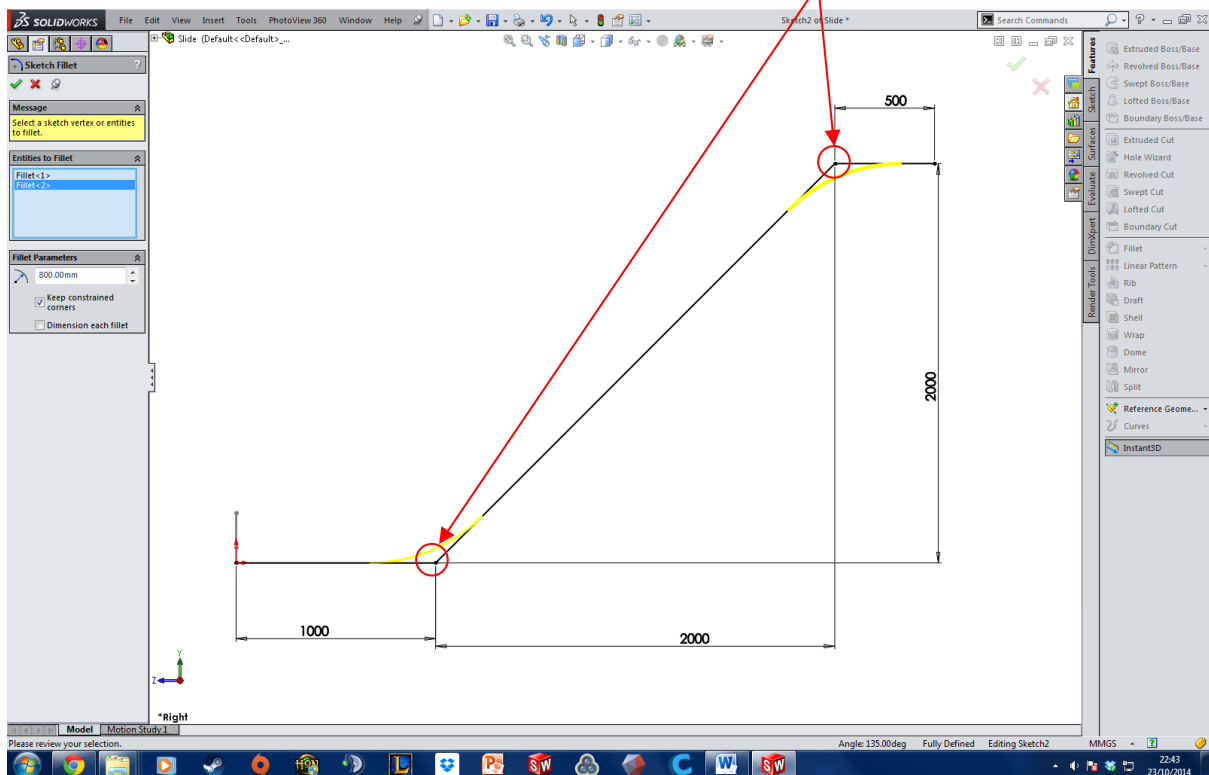
- **Mirror** the left section across using the **Centreline**



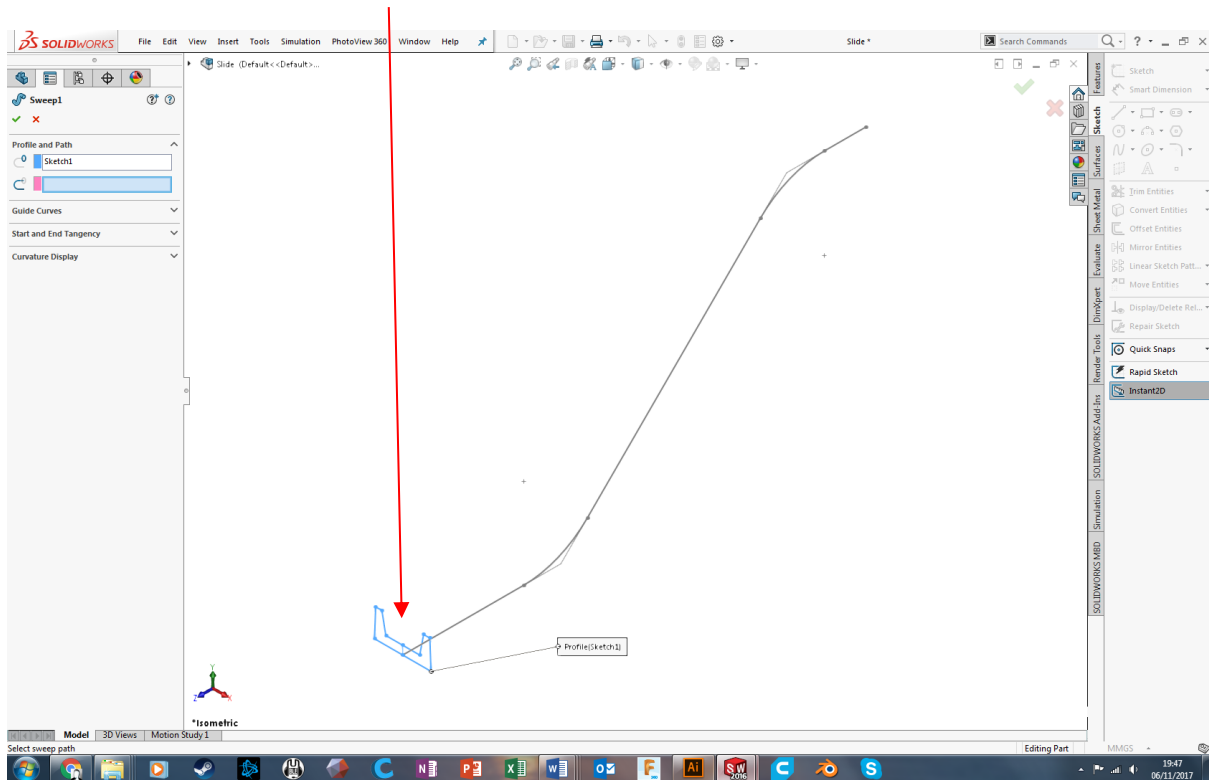
- Create a sketch on the **Right Plane**
- Sketch the diagram below and make sure the sketch is connected at the **Point of Origin**



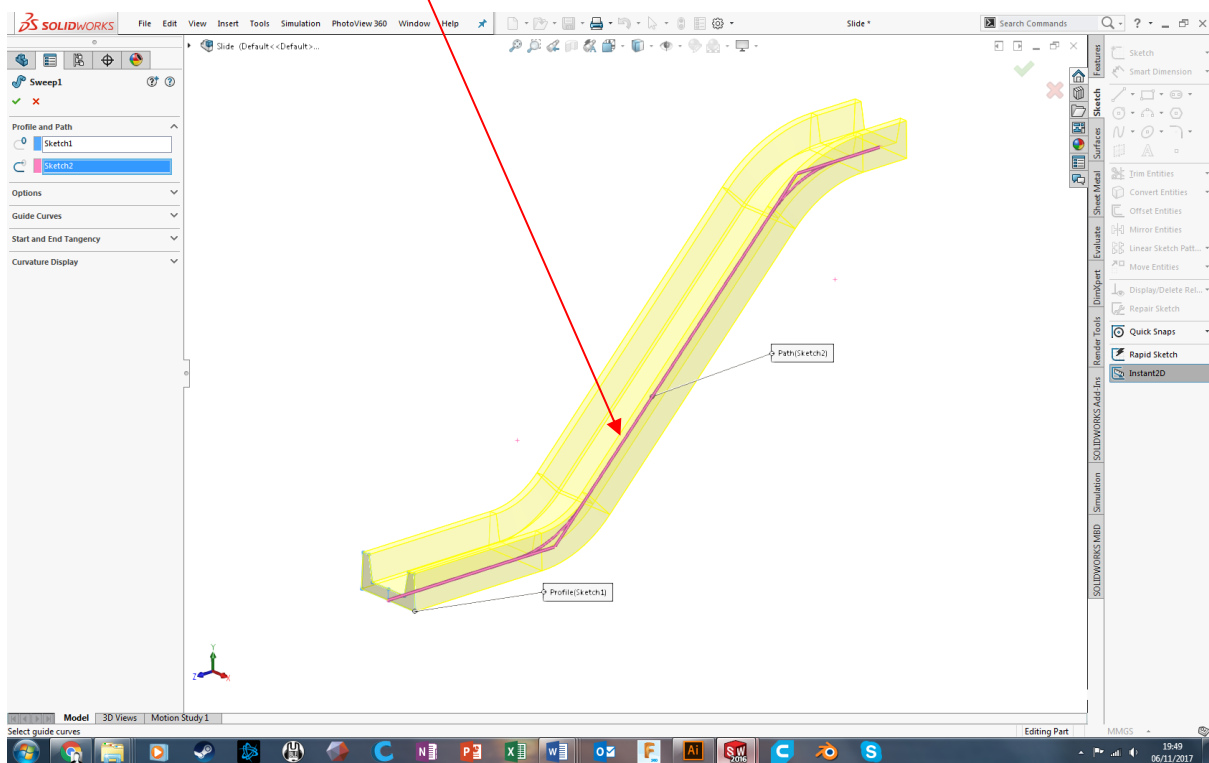
- Using the **Sketch Fillet Tool** create a fillet **R800mm** at the **two connecting sketches** (shown below) by selecting the two points (Circled)



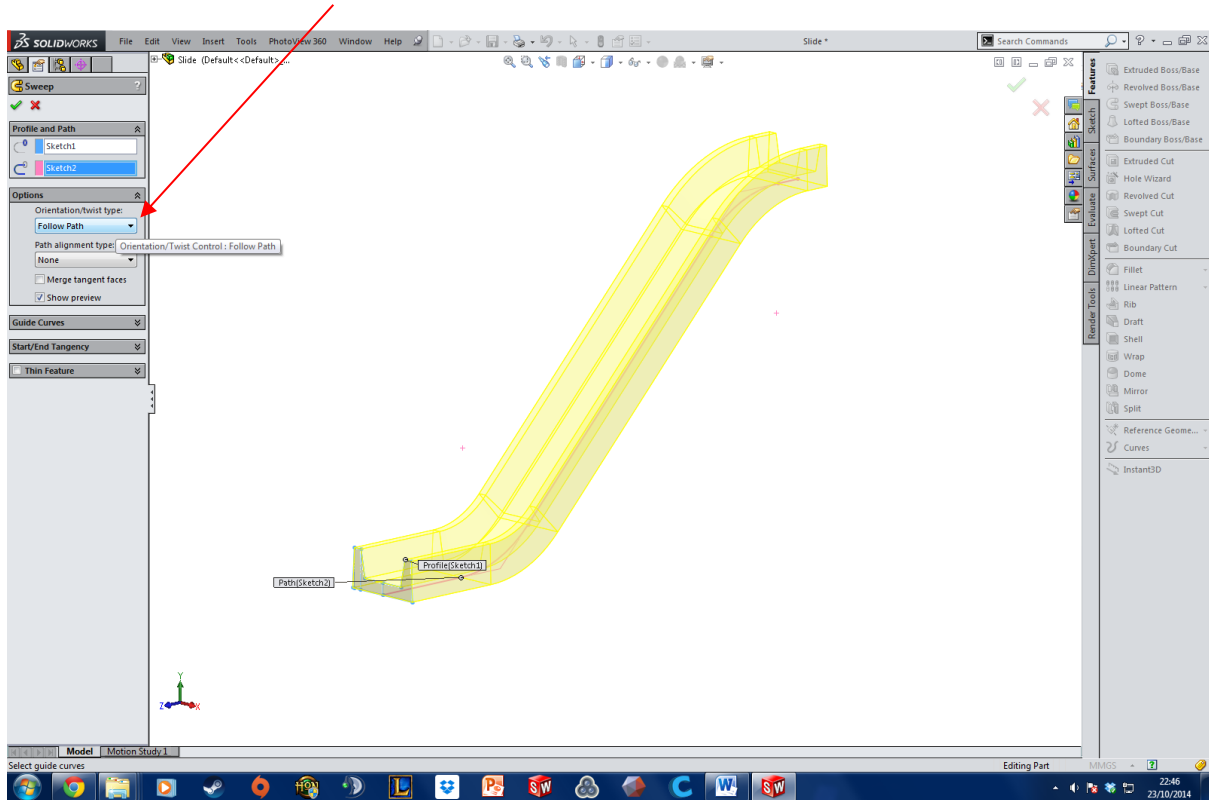
- Use the **Sweep Tool** found in **Features**
- Use **Sketch1** as the **Profile**



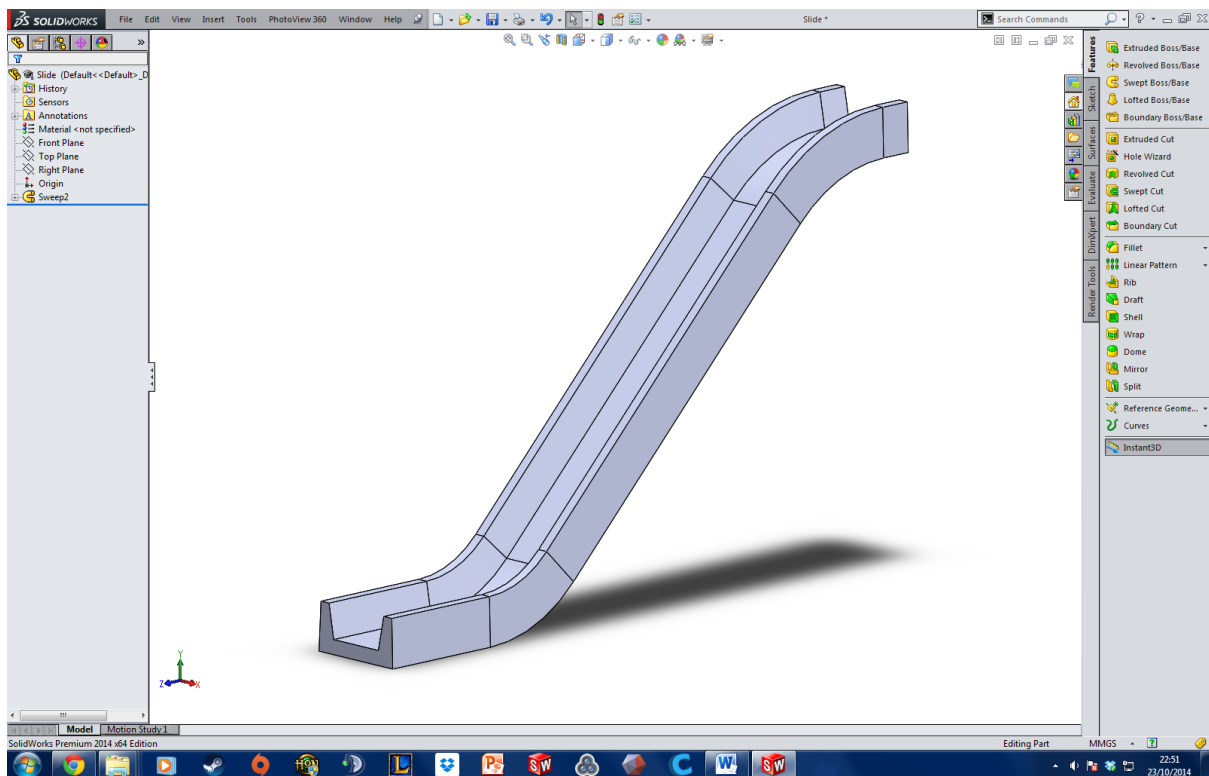
- Use **Sketch2** as the **Path**



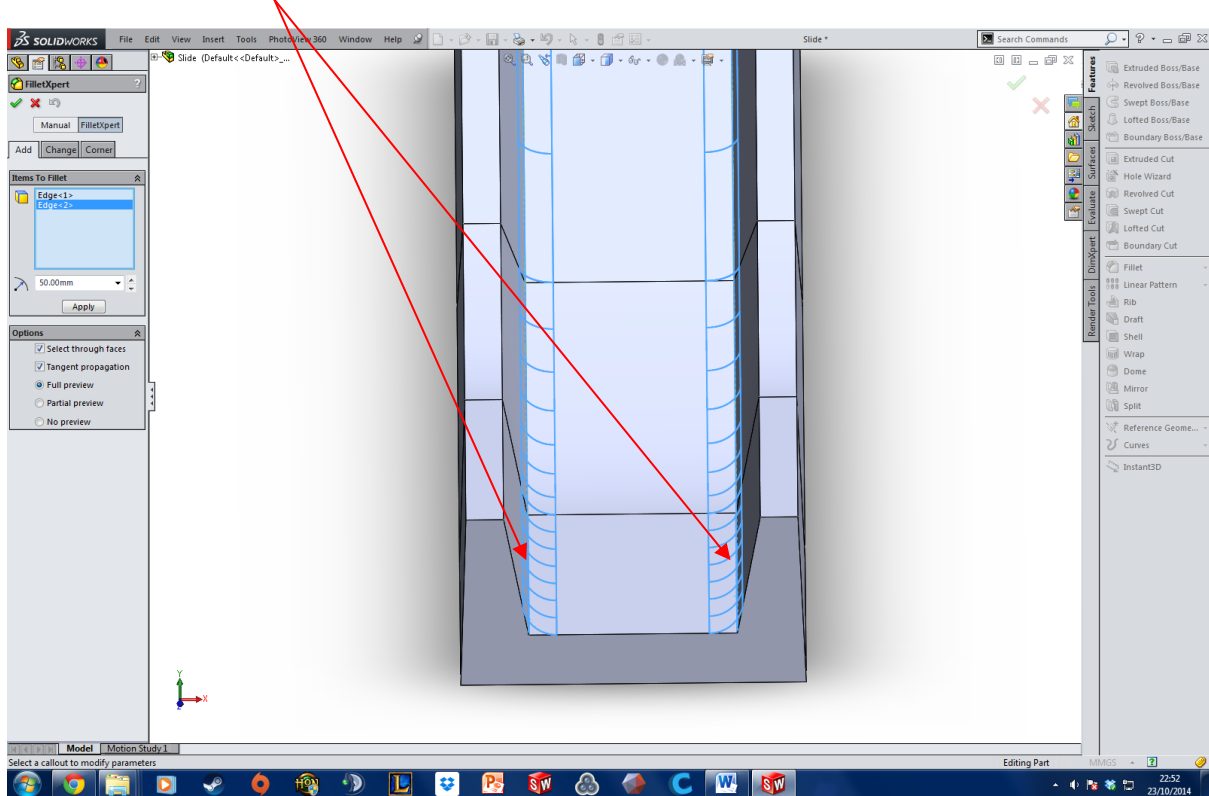
- In the **Sweep Tool**, under the **Options** drop down menu, make sure the **Orientation/twist** type is set to **Follow Path**



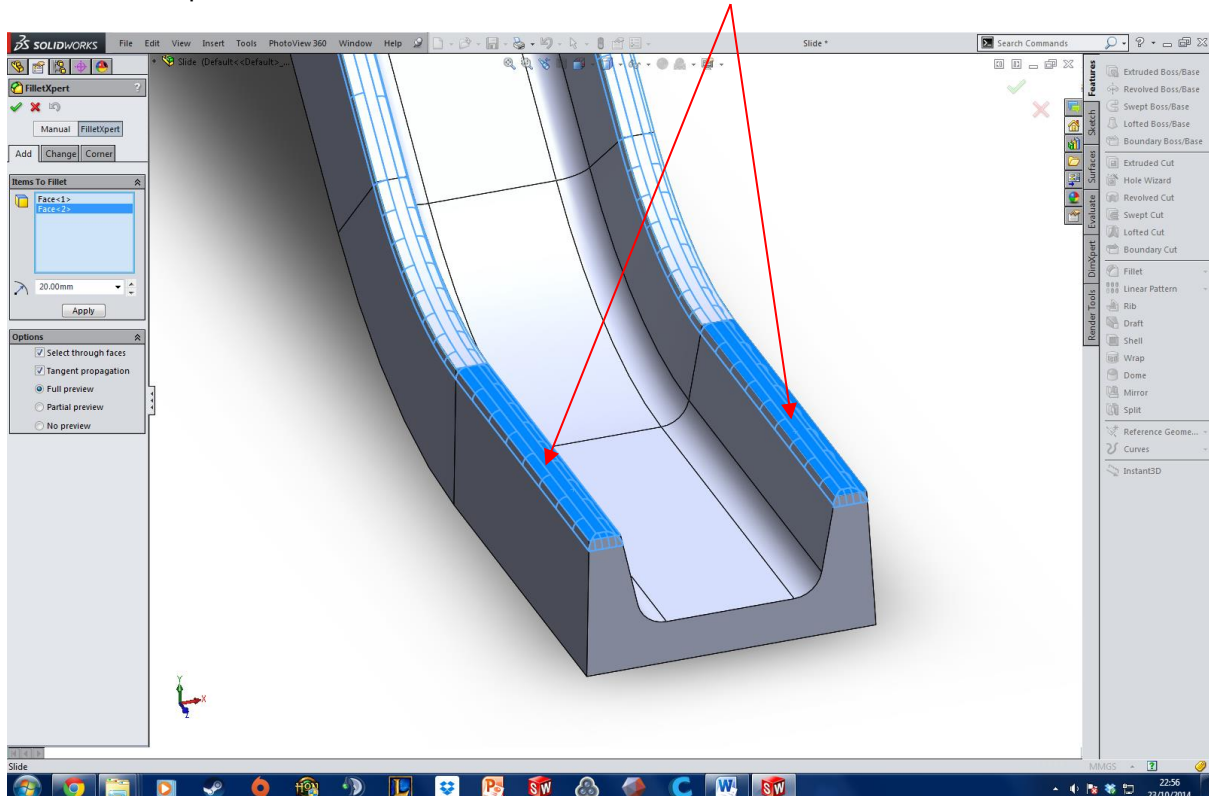
- Click the green tick and Save



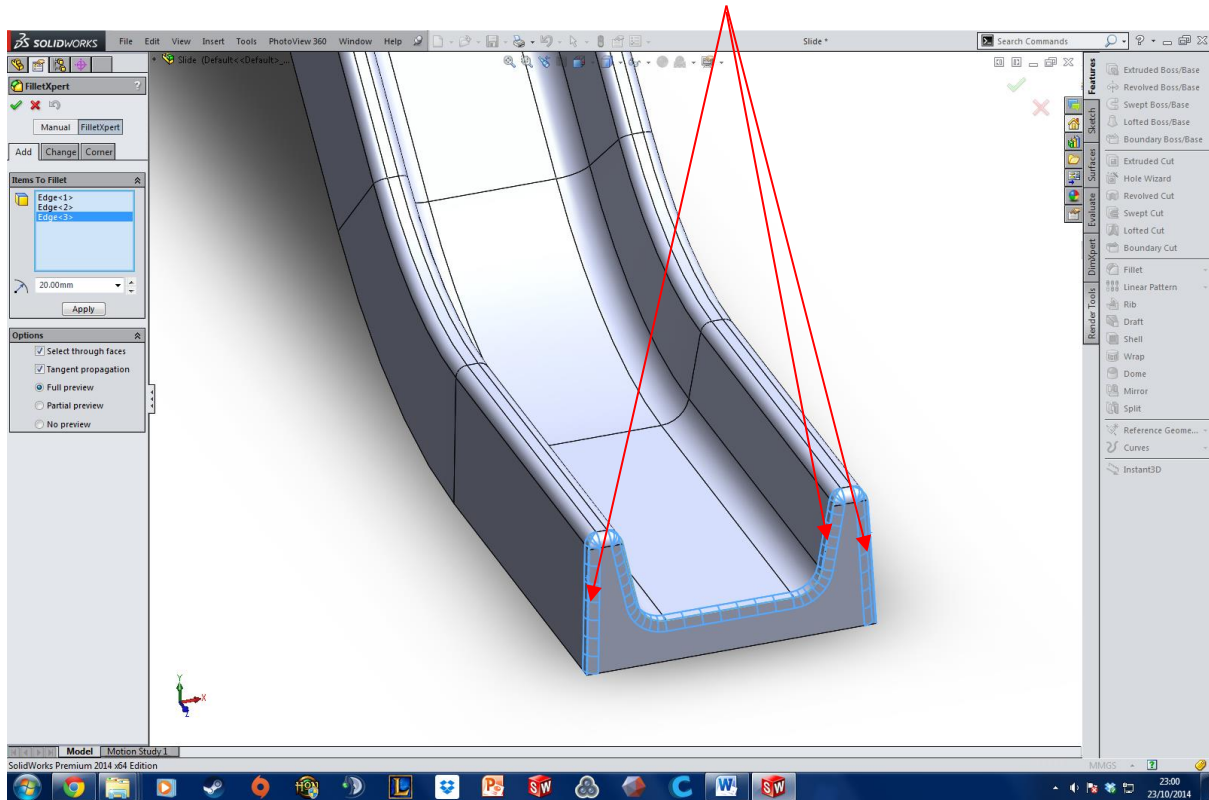
- Under the **Features** menu, select the **Fillet Tool**
- Select the two edges shown and change the radius to 50mm, click the green tick to accept.



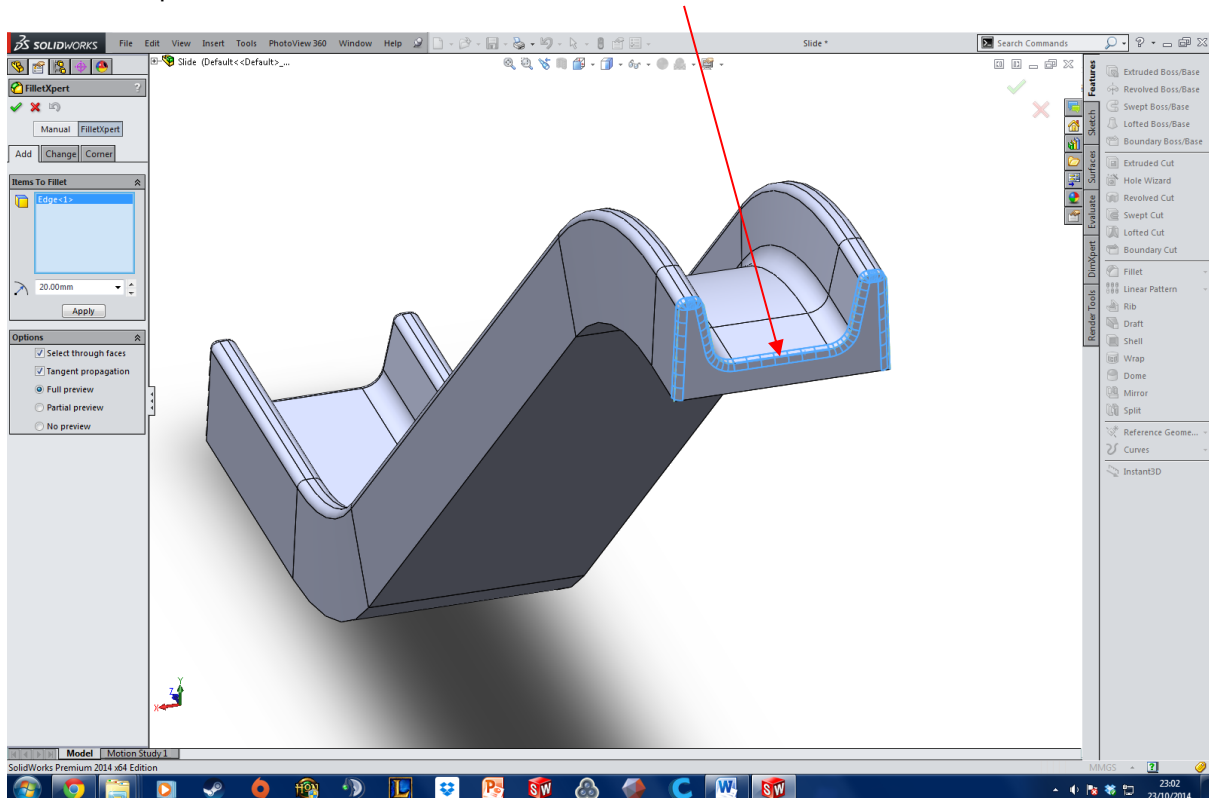
- Create a **fillet** with a **20mm radius** by selecting the **two surfaces** shown; click the green tick to accept.



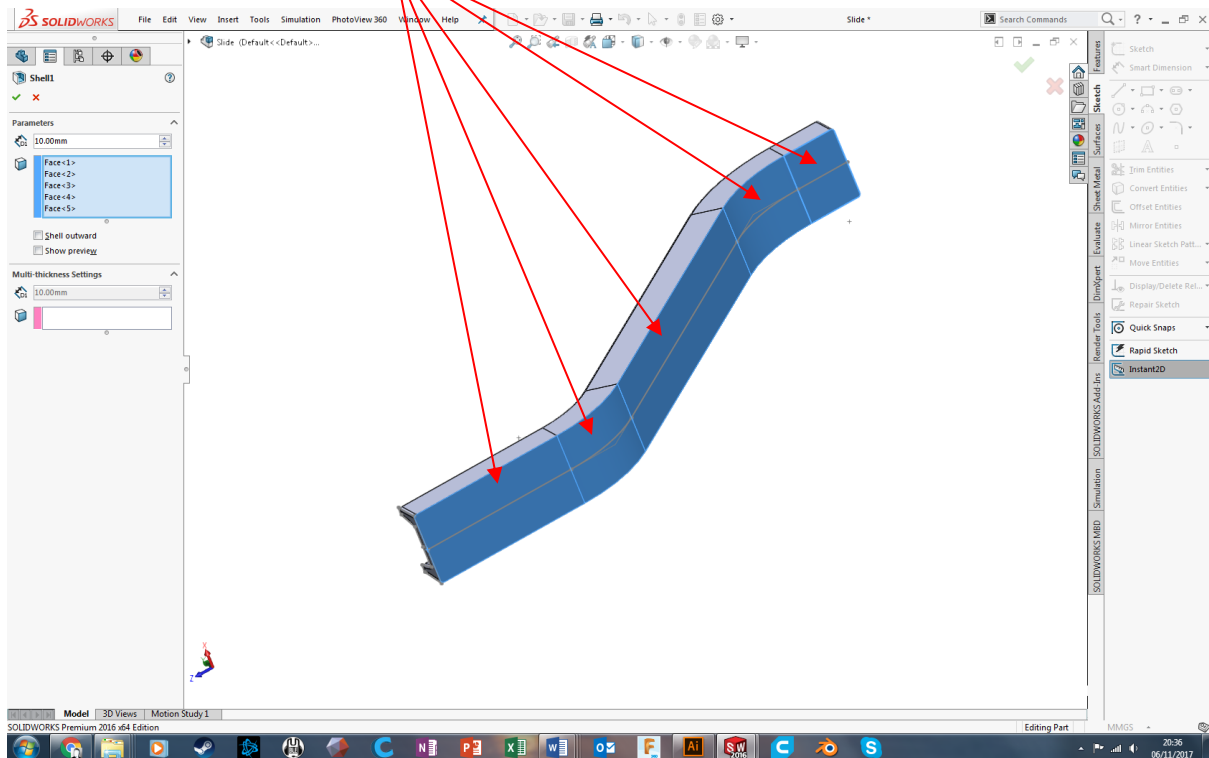
- Create a **fillet** with a **20mm radius** by selecting the **three edges** shown; click the green tick to accept.



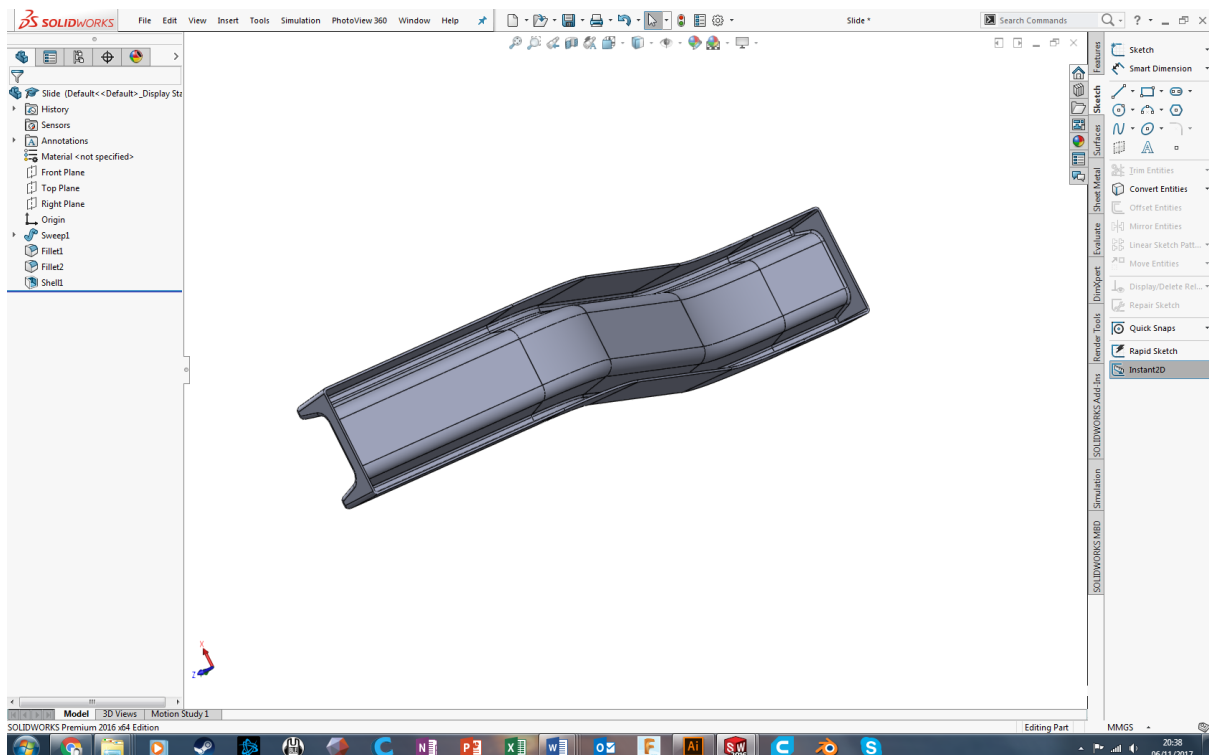
- Create a **fillet** with a **20mm radius** by selecting the **edge** shown; click the green tick to accept.

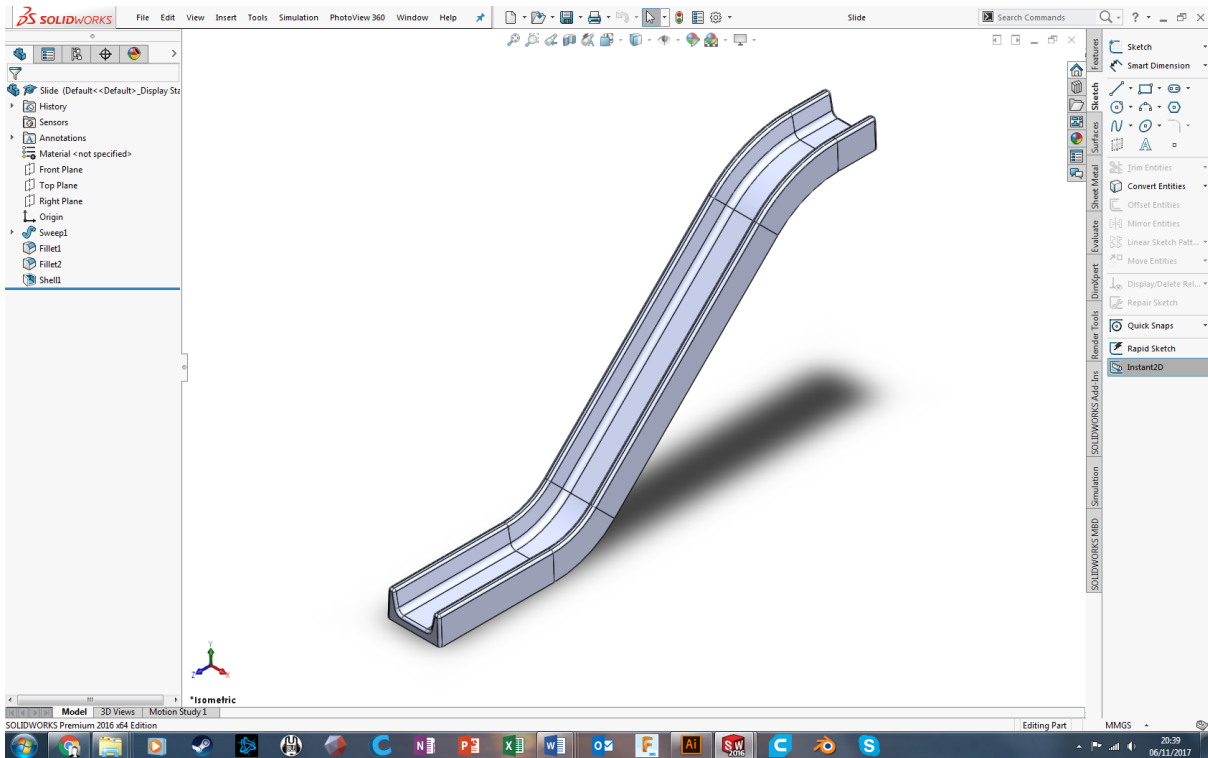


- Under the **Features** menu, select the **Shell Tool**
- **Change the Parameters to 10.00mm**
- Select the **faces shown** under the slide



- Click the green tick to accept
- The underneath should look like the image below





- Save the file