
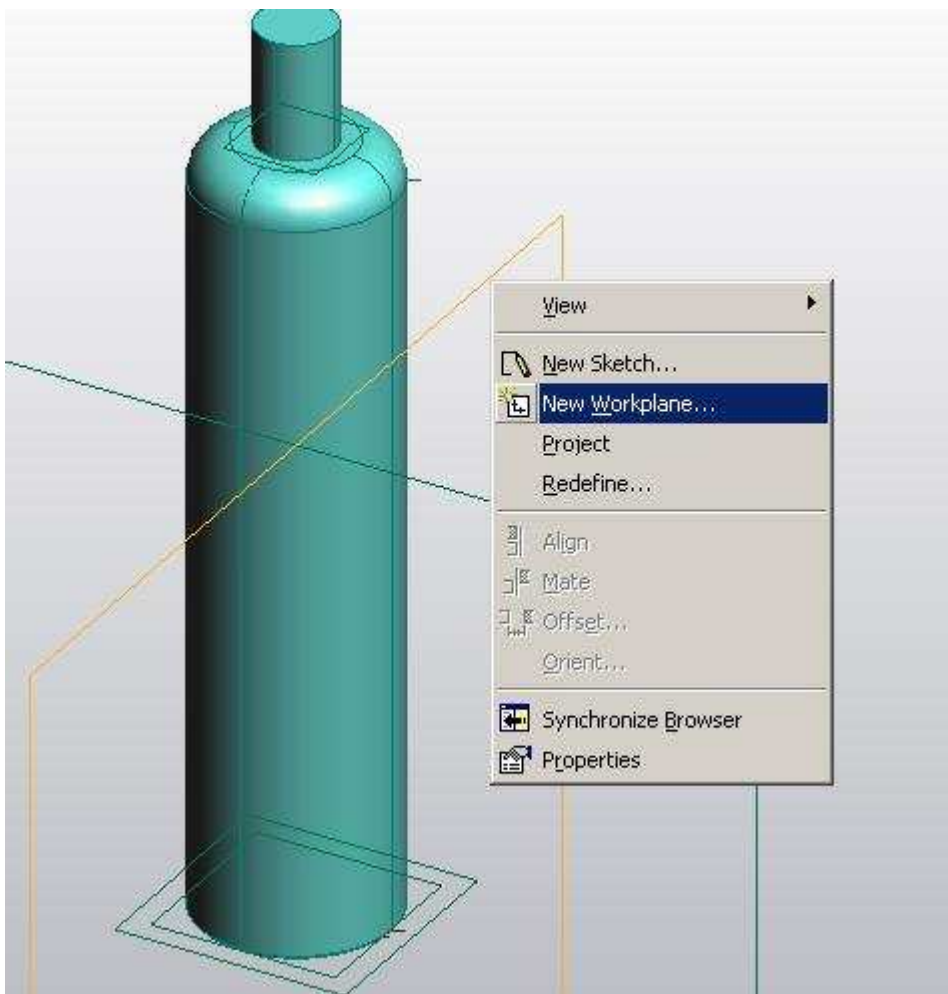
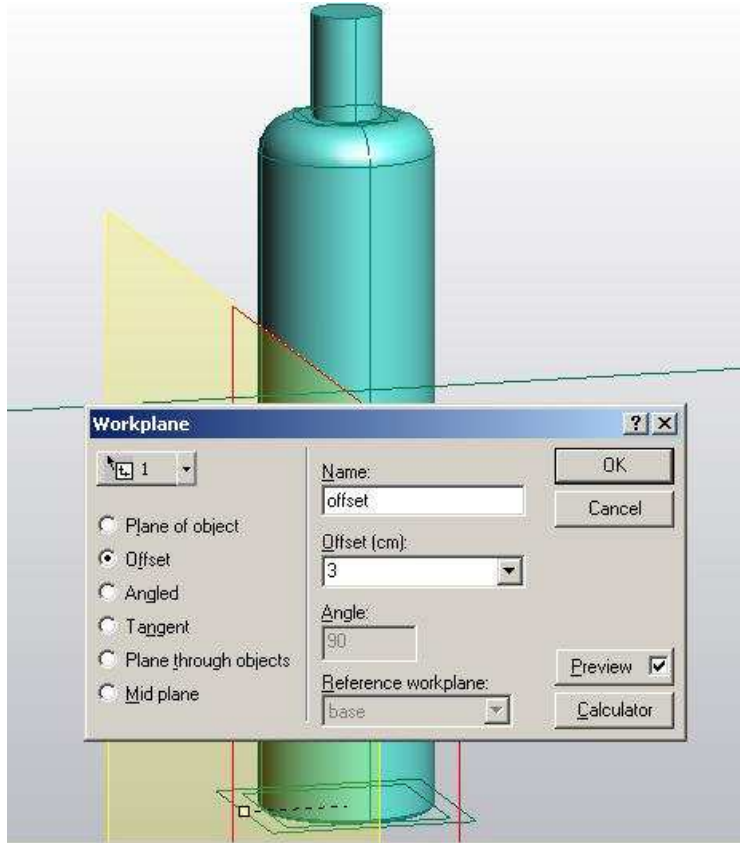


Adding Text to a Round Surface

1. Set **Units** to **Centimeters**
2. Open “textINL811” from **Share > Hanson Middle > World of Tech > ProDesktop > Text**
3. **File > Save Copy As.** Navigate to your **Bottle** folder in **World of Tech** folder. Save as “textINL811”, replacing **INL** with *your initials*, and **811** with *your class number*.
4. Close “textINL811”.
5. Open your copy of “textINL811” from your **Bottle** folder. (remember – *your initials, your class!!*)
6. **Click** on the **Select Workplanes** . Select the **Lateral** workplane by clicking on it. Then, **Right Click > New Workplane.**



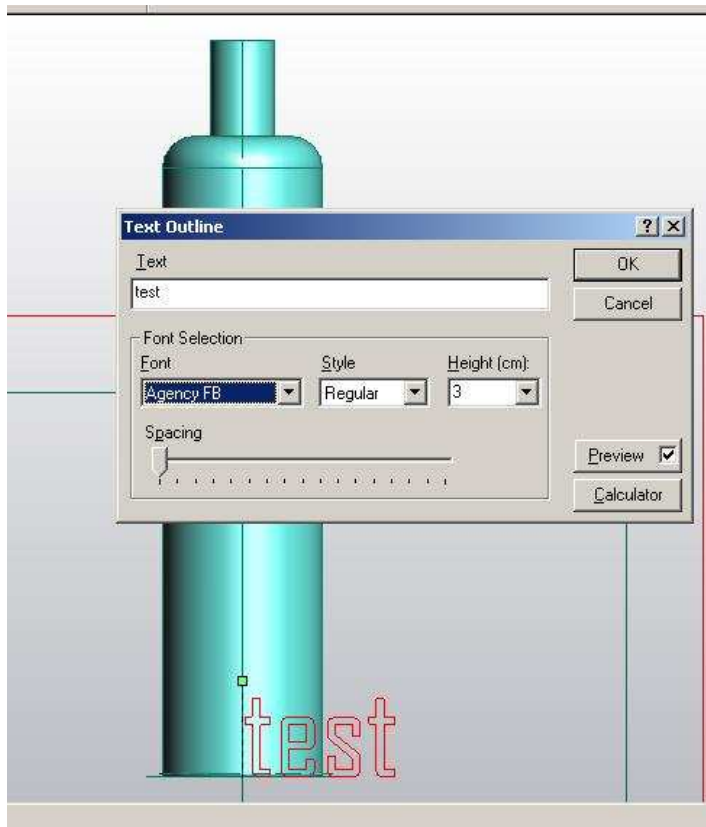
7. Fill out the New Workplane box as below:



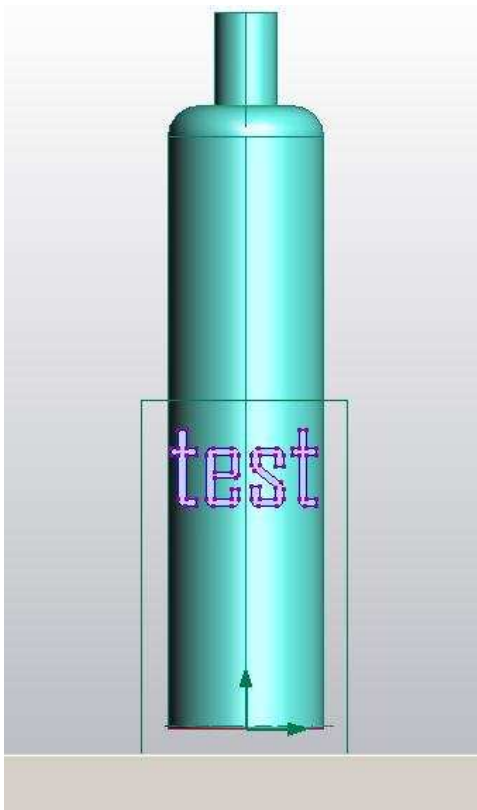
8. **Right Click** on the **Offset** workplane in the Browser window. New Sketch = Text.



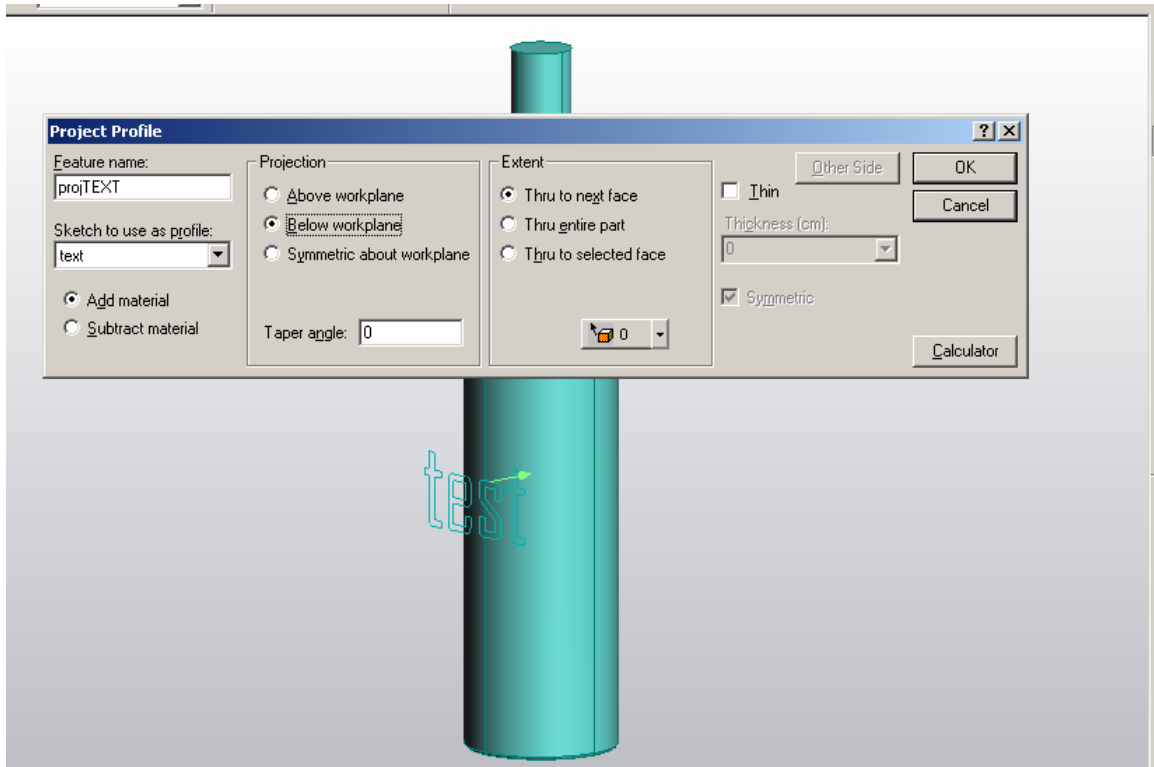
9. **Shift – W** to view onto workplane. **Go to Line > Add Text Outline.** Fill in the box as below:



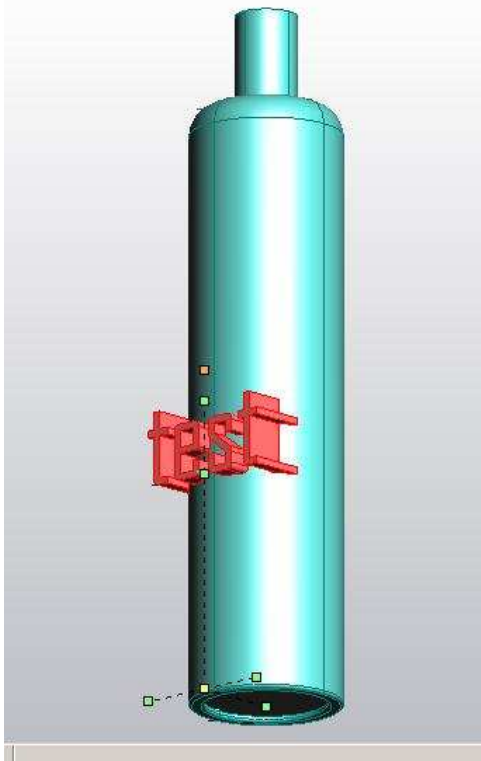
10. Move your "Text" to the center of the bottle.



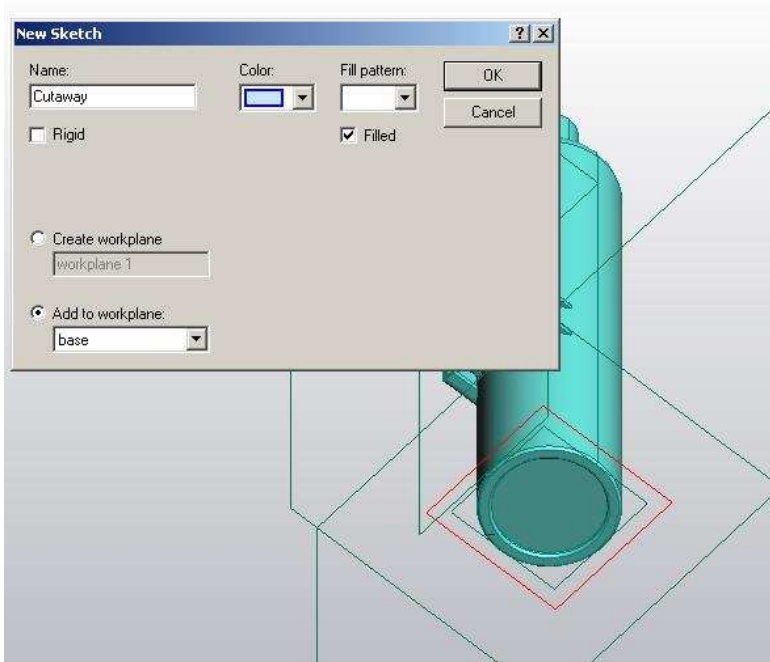
11. Go to **Feature >Project** your text as below:



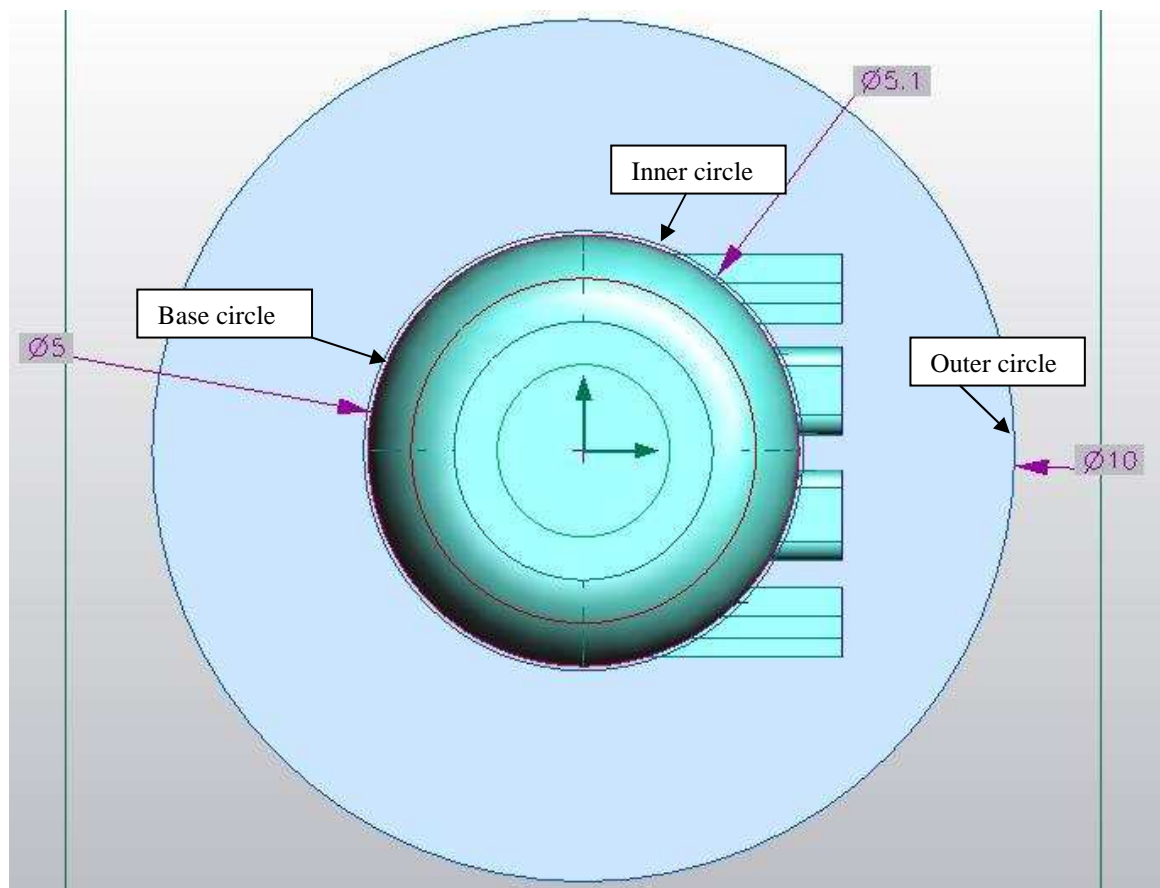
12. Your text should look like the text below:



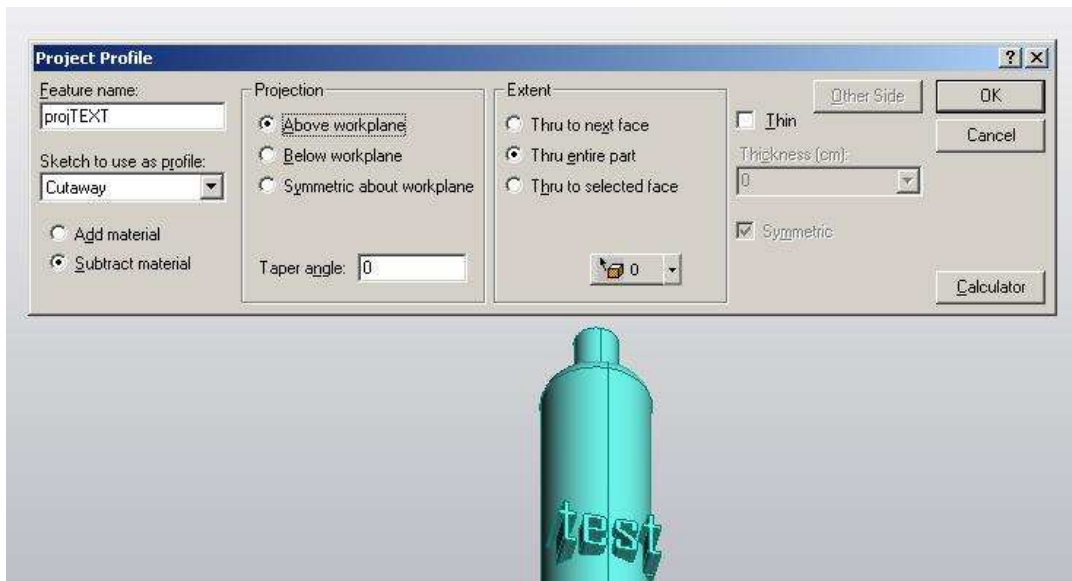
13. Now, you need to cut the square edges off of your text. Here's how: **Right Click** on the **Base** workplane > New Sketch. Name the new sketch **Cutaway**.



14. **Shift-W** to view onto workplane. Draw **two concentric circles**, centered on **0,0**. Dimension the **inner circle** to **5.1 cm**, and the **outer circle** to **10 cm**. You should also see the dimension of the **Base** sketch, which is 5cm. See below:



15. Go to **Feature > Project Profile**. Fill out the box as below, then click **OK**.



16. Your text should look like the example below:



17. Think about *why* this technique works.

- What would happen if the outside circle was 5.3 cm?
- What would happen if the inner circle was larger than 5.1 cm?
- Could you have used the Extrusion tool to do the same thing?