The intent of this week’s section is expand upon the elements we learned last week. This week Chapter 4 in the yellow Pro/E book will be covered and it is just a continuation of the previous two chapters. In this lab you will:

1. Start a new Pro/E part.
2. Create the base feature using the same technique as last week.
3. Learn additional part creation features.

You will be required to turn in a trimetric pictorial (.ps file) in the default orientation with hidden lines. Submit the assignment using the grade command as you learned to do last week.

Details:

This week we are going to cover the somewhat more advanced features of Chapter 4. The base feature will be created in a similar manner to last week. We are going to then create a revolved protrusion on the top of this base feature.

In the same manner as last week, a hole will be created in the top and then on either side. Feature mirroring will then be used to copy the side-drilled hole to the other side. Finally, chamfers will be created around the appropriate edges.

Submit a PostScript, similar to the one in the upper-right corner below, using the grade command:

```
grade eng1_C3_31 filename
grade eng1_C3_33 filename
```

The assignment is the completed part walked through in the chapter. When you are finished, it should look like the picture below.