Materials

- Arduino Uno

Background & Set-Up:

https://en.wikipedia.org/wiki/Cowsay
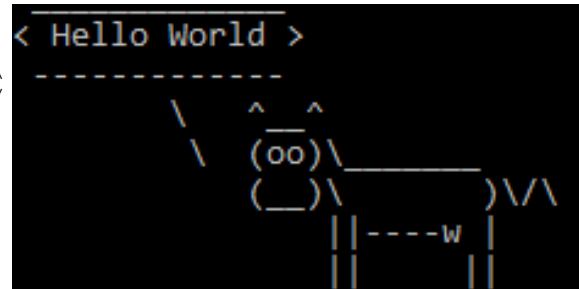
Cowsay is a program that generates ASCII pictures of a cow with a message.

You will set up the Arduino to communicate with your computer using the Arduino's serial port bus that communicates over the USB connection. Use the Arduino-PC Serial Comms starter code to see how to set up the connection. To send a message to your Arduino from your PC, open the serial port monitor (Tools->Serial Port Monitor). Double-check to make sure the settings match your parameters you set up in your program.

Goal:

We want to replicate the cowsay program on our Arduinos. When you send a message to the Arduino from your PC, you want the Arduino to send back the ASCII cow saying that exact same message in a speech bubble. Have some fun with it! Try different animals! People have done Tux the Linux Penguin as well as dragons and many other animals.