Flowchart for Microcontrollers

1. Power ON
   - Make sure everything is at “0”
   - Beep!
   - NO

2. Ask input from user

3. Look for feeder to feed in the ribbon and press ENTER

4. Moving clamp has to be closed once it senses the ribbon
   - NO
   - Beep!
   - YES

5. Close the clamp
   - NO
   - Beep!
   - YES

6. Move to desired length
   - NO
   - Beep!
   - YES

7. Stationary clamp close
   - NO
   - Beep!
   - YES

8. Give signal to move the cutter

9. Move in?
   - NO
   - Moving Clamp Open
   - YES
   - Return “0”