

Chinese new year began last week. It is one of the most important festivals in Chinese culture. People celebrate by decorating things in red, giving red envelopes and watching dragon or lion dances and fireworks to welcome the new year. The animal for this year is the **dragon**!

- Make sure you're on the Olympia Wi-Fi, the password is **OlympiaScOutHut!**
- Open a browser, it's called Chromium on a Dojo laptop
- If you've never used a micro:bit before, start with the projects at **rpf.io/microbit-intro**
- If you know what you are doing, go to **makecode.microbit.org** and click 'new project'

Your challenge - Create a countdown timer, which displays a happy new year message when the timer gets to 0!



Suggestions - It's your project, make it how you'd like, but here are some suggestions to get you started.

- The project should start with "on button A pressed"
- You'll need to create a variable which stores the countdown timer
- You'll need a repeat () times loop
- In the loop, you'll need to show the time variable, change the time variable by -1, then take a pause
- Then outside the repeat loop you'll need to show a string with your message

You can test your code in the simulator in the makecode editor, click the A button when you are ready. Remember it's important to always test your code as you go, and mistakes are encouraged!

If you need help or get stuck, that's ok! Try asking another Ninja (young person) first!