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                              CS Makers
                             Spring '22
                       Professional Development
                          Wednesday 04/20


8:30          Zoom session
8:45          Welcome
8:46          Today's theme - Springtime Taking Care of the Plants
8:50          Project #1 - Temperature sensor
                     read temperature on button push
                     read the temperature in a loop
                     activate a LED on threshold (red = too hot, blue = too cold)
                     use relay to turn fan on/off

              Project #2 - Check soil moisture level
                     read moisture level on button push
                     read the moisture level in a loop
                     activate a LED on threshold (red = too dry, blue = too wet)
12:00         Lunch
1:00          Project #3 - Water plant when soil moisture level is low
                     build the servo mechanism
                     code the servo
3:30          Adjourn
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