## LightBox Software Flowchart Connor Johnson

Pre-Processor Directives : define constants such as pins, flashing light rate

Initate global
variables: define
"states" such as
operating mode,
whether button is
pushed, the previous
button state, and the
PWM output

void setup ():
initialize the
interrupts function for
detecting when the
button is being
pressed

void loop ():
calls sub-functions
that check for button
press, set PWM
output based on the
operating mode with
a switch case, and
shine LED based on
the PWM output