

1. **Windows Forms.** Create a microwave oven with these options:

Power level	User enters a power level between 1 and 10.
Timer	User sets the minutes and seconds for cooking.
Light	A light that turns on and off when the microwave goes on and off.
Start	Turn on the oven light on to indicate the microwave is on.
Stop	Turn off the oven light on to indicate the microwave is off.
???	Another feature of your choice.

You do not have to program the timer so that it counts down the seconds that the light should be on. The user is in charge of turning the microwave off. You can assume that the user can enter keyboard-type input (that is, you can use the TextBox control).

The goals of this assignment are:

- A user interface that makes sense and doesn't need an instruction manual.
- Good control names in the forms designer.
- Control over what the user enters. For example, the user can only enter 1-10 for the power.
- Some code.

Have fun with this assignment. Use any controls you want, even ones we haven't discussed in class. Add any decorations or other behavior that you want.

2. **Keypad.** (Optional extra challenge problem.) Assume the user does not have a keyboard and all input is through a keypad-type interface.