Software Lab 2   *6.01 – Fall 2011*
State Machines

> **Goals:**
> - Understand concepts of state machines
> - Explore State Machines
> - Construct State Machines using the **6.01 State Machine class** (sm.SM)

1 Setup

Using your own laptop
- Be sure you have the 6.01 software libraries installed.

- Download and unzip `swLab02.zip` into a convenient folder (e.g., `~/Desktop/6.01/swLab02`).

2 Exercises

> Even if you are a new programmer and haven't finished design lab 1, you should work on the following problems.

> **Resources:**
> - **Course Notes**: Read section 4.1
> - **Wk.2.1**: Tutor problems on state machines
> - `~/Desktop/6.01/swLab02/swLab02Work.py`: template for your code, which imports the `sm` module and has some useful test cases

> **Wk.2.1**   Do these problems on the tutor.
> Test your code in `idle` by implementing your programs in `swLab02Work.py`.

6.01SC Introduction to Electrical Engineering and Computer Science
Spring 2011