150 - Tkinter - final example Announcements -HW7 grades emailed yesterday - HWID is posted due Friday - Last day of class (in 2 weeks) is - Final Wednesday - (gam?)

resigning Python GUIs: MVC re Model-View-Control, Pattern: 1979 how the the data what the use face and business rules part of the user works sees application Controller

MVC in Tkinter

The model is often a completely Separate class which stores t underlying information somehow

The view of control are combined:
view is widgets of display,
control is call back (so widgets
call functions to model).

Example: Stap watch 2 classes in this: The Stopmatch class will store:

Self-running-True (False)

Self-start tome on Tkinder self- elaptime Functions: Start Stop () reset () elapsed time ()

De MerIntoface class:
This will make the window
at buttons.
This will make the window. init_ will set up the window.
Button widgets will be set up to call the functions from the Stop watch class.
to call the functions from
the Stop watch class.
Main Script: Simply creates variables for a classes + starts the main loop.
for a classes + starts the
main 1000.
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See code

Homework

Similar setup: making a GUI addressbook.

The controller (like StopWatch) is
a freedy written.

(You will Not change this class!)

You will write a main (plus a few classes) to give display - control.

Find a pertner! Get started on writing control/GUI.