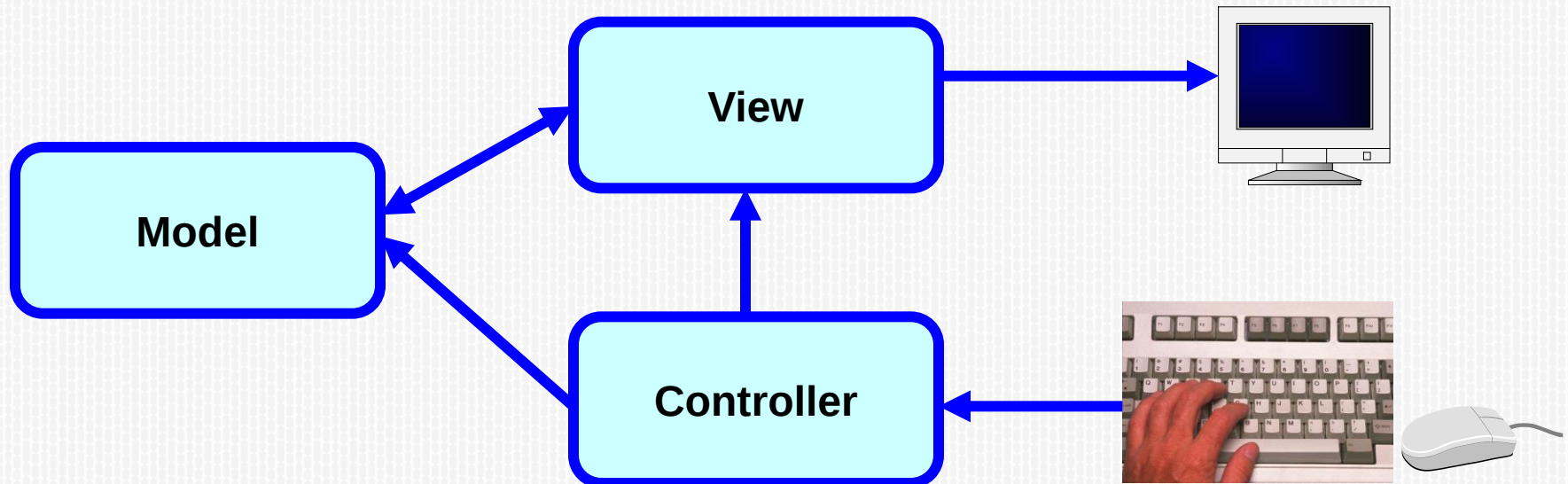


ANNOUNCEMENTS

- ❖ No posting of code in the forum
- ❖ Check class announcements daily

MODEL-VIEW-CONTROLLER (MVC)

- ❖ Model for GUI programming (Xerox PARC '78)
- ❖ Separates GUI into 3 components
 1. Model $\Rightarrow$ application data
 2. View $\Rightarrow$ visual interface
 3. Controller $\Rightarrow$ user interaction



MVC MODEL OF GUI DESIGN

❖ Model

- ❖ Should perform actual work
- ❖ Should be independent of the GUI
 - ❖ But can provide access methods

❖ Controller

- ❖ Lets user **control** what work the program is doing
- ❖ Design of controller depends on model

❖ View

- ❖ Lets user see what the program is doing
- ❖ Should not display what controller **thinks** is happening
(base display on model, not controller)

MODEL VIEW-CONTROLLER

- ❖ How should we design our systems using this model?
- ❖ Example: AverageComputation.html
- ❖ Example: AverageComputationMVC.html
- ❖ Let's think about our projects and the use of MVC

INNERHTML PROPERTY

- ❖ Property defining:
 - ❖ HTML code
 - ❖ Text occurring between the opening and closing tags of the element
- ❖ Allows you to modify/define HTML content
- ❖ **Example:** GetContent.html
- ❖ **Example:** ModifyContent.html
 - ❖ What happens if you keep selecting the Modify button?

PROJECT #3

- ❖ Quick overview of what you need to do
- ❖ Any questions?

IN-CLASS LAB
