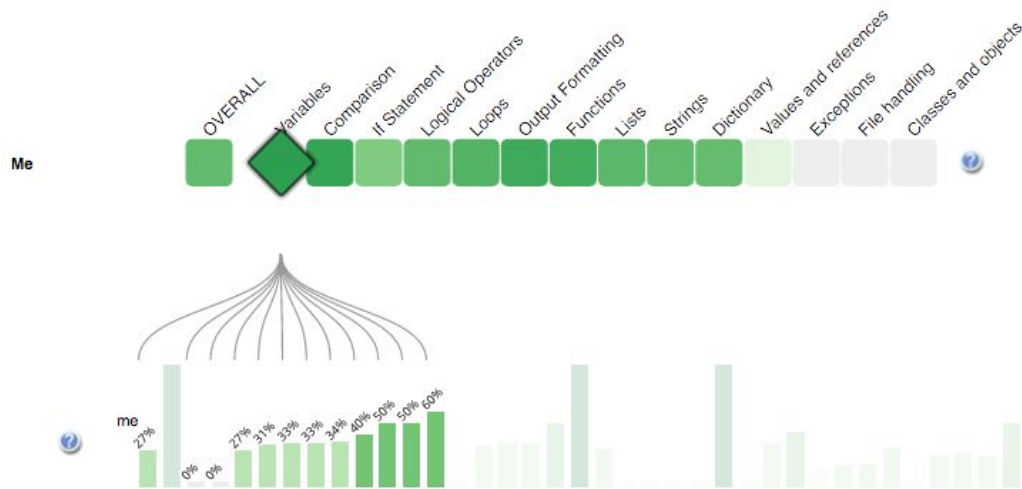# Mastery Grids
User Manual

PAWS Lab
http://adapt2.sis.pitt.edu/wiki/Main_Page
School Of Information Sciences
University of Pittsburgh

Mastery Grids

This tool is a visualization of your progress in a set of content organized in topics.

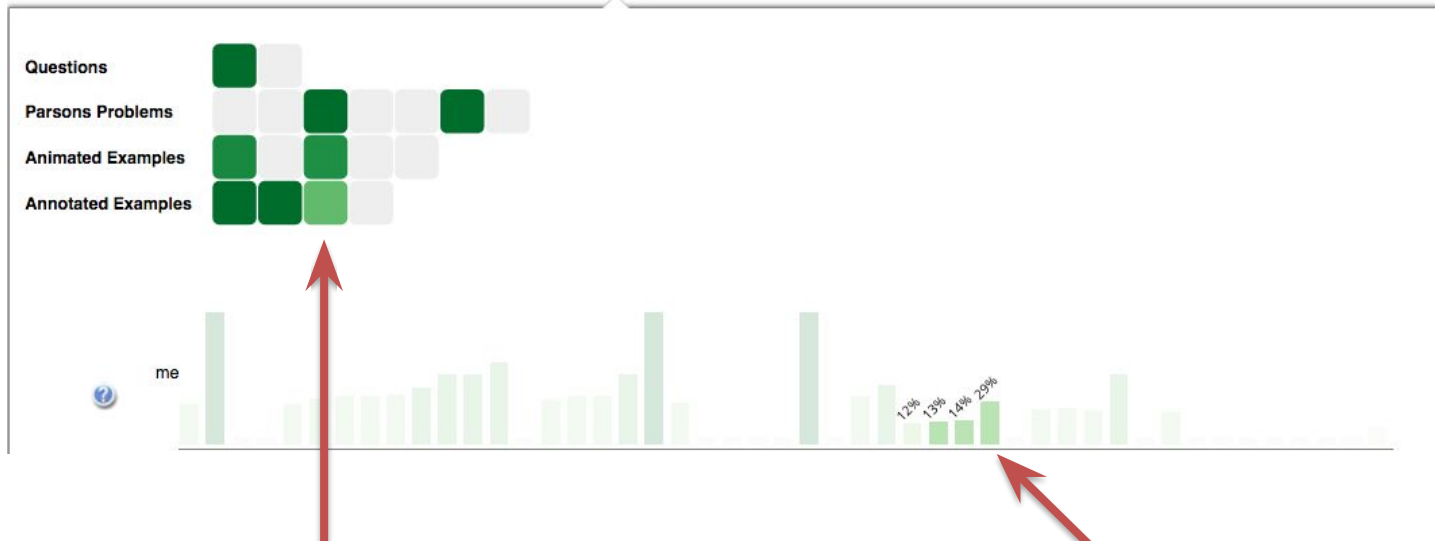These cells shows your progress in the topics of the course

Each topic has several concepts associated to it. Mouseover a topic to highlight its concepts

This bar chart shows your progress in Python concepts

When you click in a topic cell:

An overlay pane opens indicating which topic you are inspecting (in this case the topic "Functions")

Me

OVERALL Variables Comparison If Statement Logical Operators Loops Output Formatting Functions Lists Strings Dictionary Values and references Exceptions File handling Classes and objects

Questions

Parsons Problems

Animated Examples
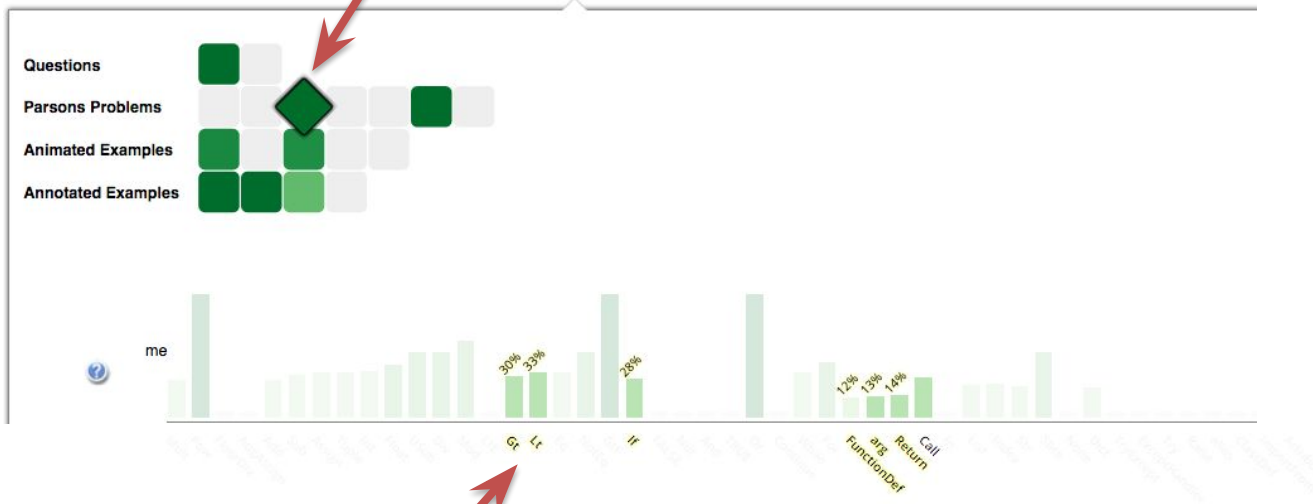
Annotated Examples

me

12% 13% 14% 29%

These are the "activities". As you complete them, you gain progress and cells become greener.
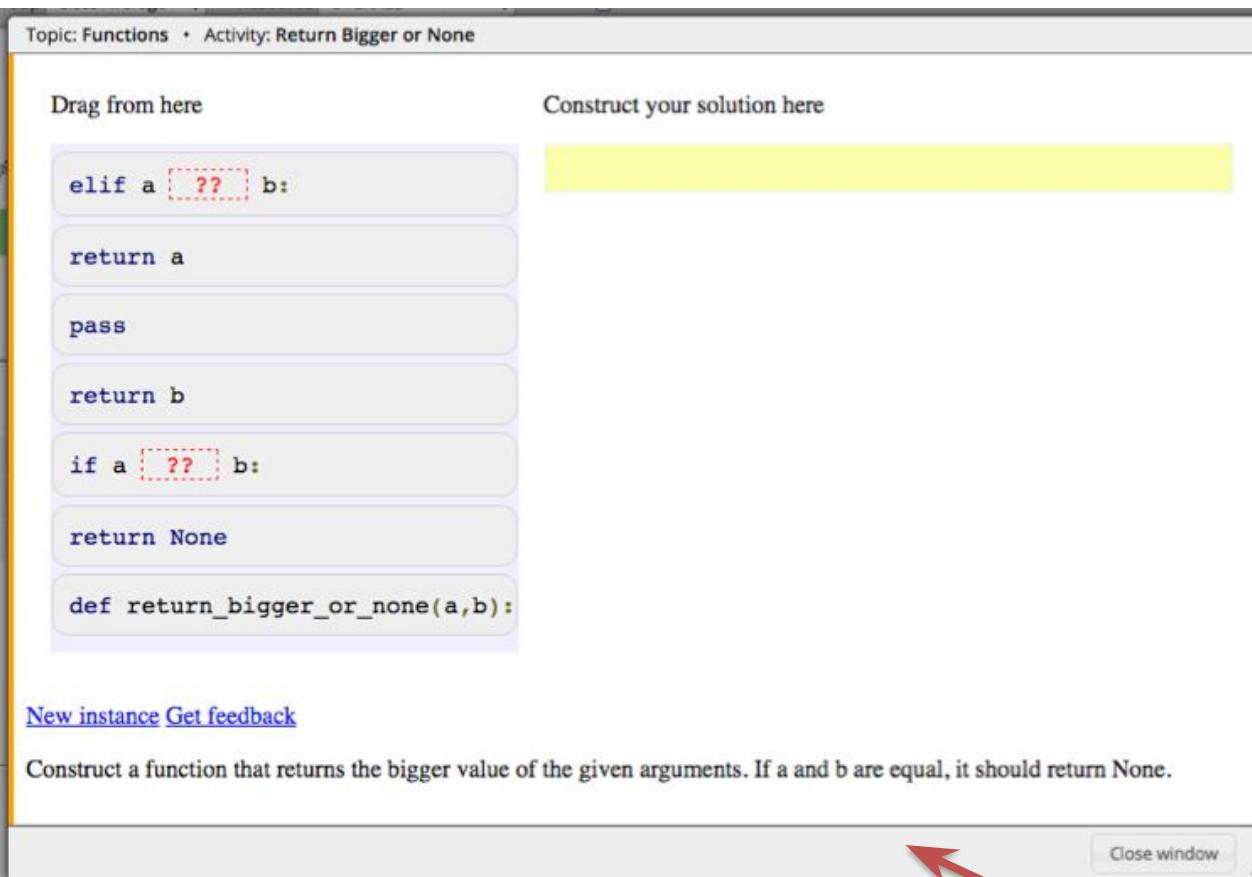
The concepts within the selected topic are highlighted

When you mouseover an activity

Mousing over this activity

Concepts in the selected activity are highlighted

When you click on an activity

Topic: **Functions** • Activity: **Return Bigger or None**

Drag from here

```
elif a   ??   b:

return a

pass

return b

if a   ??   b:

return None

def return_bigger_or_none(a,b):
```

Construct your solution here

New instance Get feedback

Construct a function that returns the bigger value of the given arguments. If a and b are equal, it should return None.

Close window

The activity "opens" in an overlay window.