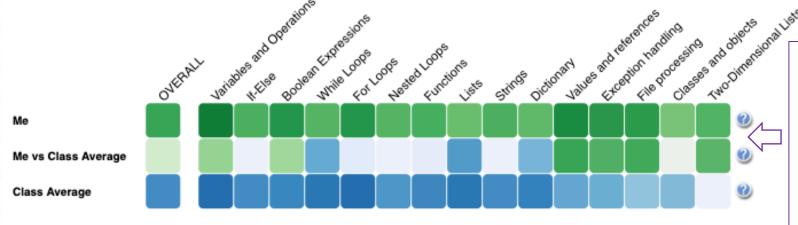
#### Me and group (Class Average students)



20. Me ->

### **Progress Visualization**

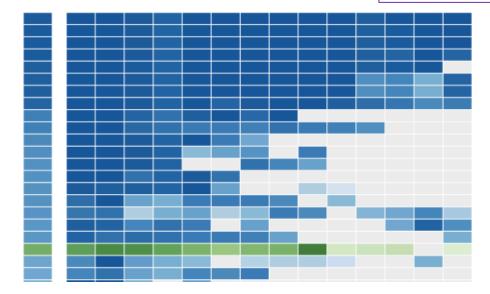
- First row (Me) shows **your progress** (Darker green means more progress on that topic)
- Second row(Me vs group) compares your progress with your classmates (Darker green means you have more progress than the group; darker blue means they have more progress than you; grey means equal progress.
- Third row (Group) shows the average progress of your classmates (Darker blue means more progress on that topic)

#### Load the rest of learners

27

Click the button above to load the list of other students (anonymized) and shows in which position you are in terms of progress

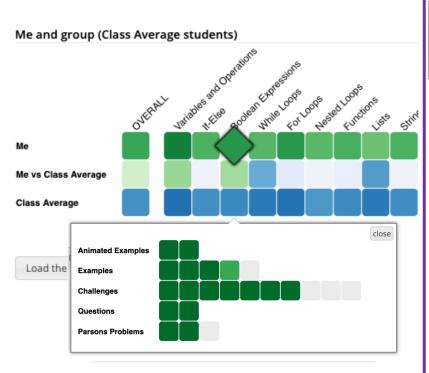
#### Students in the class (you are 20th out of 69)



# **How to Increase your Progress?**

To have more greener cells on *Me* row, you need to interact with the learning activities inside each topic.

Click on a topic cell as shown below and access the contents. Viewing animation steps, clicking on example lines or solving challenges, questions and Parsons problems to increase your progress.



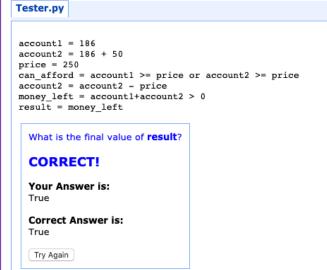
## **Animated Examples**

Play animation steps to how the program executed



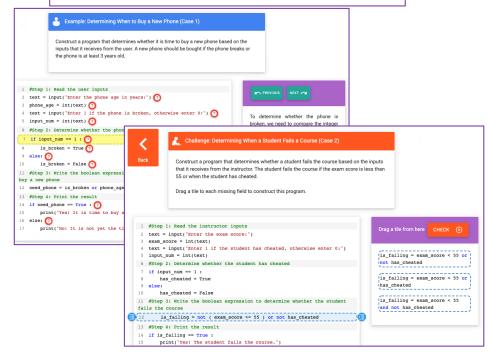
### Questions

Predict the output of the program. It is either the console output or the value of *result* variable.



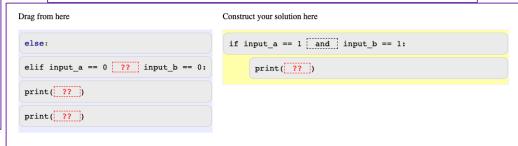
# **Examples-Challenges**

Check how a program is constructed line by line in examples and challenge yourself with challenges and complete the missing lines.



### **Parsons Problem**

Reorder the program lines to solve the given task at the bottom of the screen. Pay attention to indentation.



New instance Get feedback

Construct a program that mimics a XOR gate (exclusive or). When input\_a and input\_b are the same, it should print out 0 and in other cases print out 1