

This slider is designed for you to see your current position among your comparison peers and among your classmates.

Red colored vertical bar shows your current position in the class on 0-100 axis. The closer the bar to 100 means that your progress is closer to the highest

The system automatically adapts to your progress change and selects the most

The selected comparison peers shown by the turgoise colored horizontal bar

When you and your peers show progress in the system, you will notice the change in the slider. The average progress of the Dynamic group will be reflected automatically as shown below.

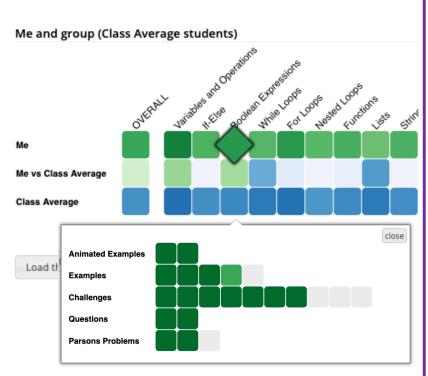
Progress Visualization

- 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 Dynamic group; darker blue means they have more progress than you; grey means equal progress.
- Third row (Group) shows the average progress of the **Dynamic Group** (Darker blue means more progress on that topic)

How to Increase your Progress?

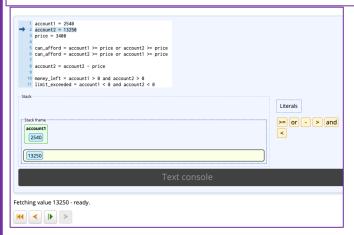
To have more greener cells on *Me* row, you need to interact with the learning activities inside each topic.

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.



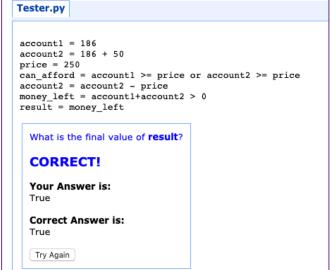
Animated Examples

Play animation steps to how the program executed



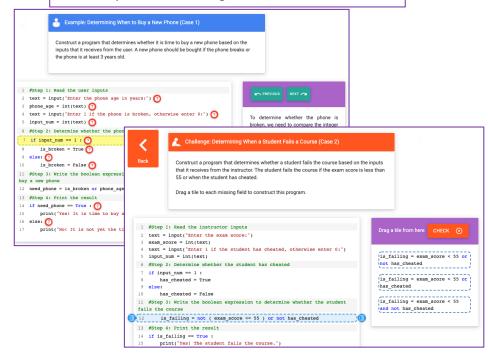
Questions

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



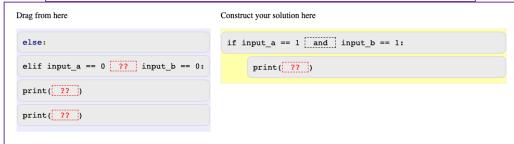
Examples-Challenges

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.



ew 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